

***Standard Industrial Classification  
of all  
Economic Activities  
(SIC)***

*Fifth Edition*

**CENTRAL STATISTICAL SERVICE (CSS)**

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## **PREFACE**

This is the fifth edition of the **Standard Industrial Classification of all Economic Activities** (SIC), which was first published in August 1970.

The **Standard Industrial Classification of all Economic Activities** (SIC) is based upon the latest (third revision which appeared in 1990) **International Standard Industrial Classification of all Economic Activities** (ISIC) <sup>1/</sup> with suitable adaptations for local conditions. However, the third revision of the ISIC differs in various respects from the previous edition so that the fifth edition of the SIC also differs from previous editions. More information regarding these differences is given in paragraph 11 (page vii) and in the correspondence tables on page 152. The original version of the ISIC was published in October 1949. Three revised editions have been published since then. The Central Statistical Service (CSS) has closely followed the ISIC since 1950/51 in order to promote the international comparability of the statistics concerned.

The SIC was designed for the classification of establishments according to kind of economic activity, and provides a standardised framework for the collection, tabulation, analysis and presentation of statistical data on establishments.

It is recommended that public and private institutions, as well as private persons, engaged in the classification of establishments as statistical units, use the SIC as a basis as far as this is feasible. The general application of the principles and definitions of this Classification will promote the uniformity and comparability of statistics compiled from different sources.

This manual is obtainable free of charge from the CSS.

**HEAD: CENTRAL STATISTICAL SERVICE**

**PRETORIA**

<sup>1/</sup> Statistical Papers, Series M, No. 4, Rev. 3, Department of International Economic and Social Affairs, Statistical Office of the United Nations, New York, 1990.

## **INTRODUCTION**

### **1. THE NATURE OF THE CLASSIFICATION**

1.1 The SIC is a classification of economic activities of industries. An industry consists of establishments engaged in the same or a closely related kind of economic activity based mainly on the principal class of goods produced or services rendered. The term "industry" is used in the widest sense to cover all economic activity from the primary industries of agriculture, forestry, fishing and mining to the rendering of social, recreational, cultural and personal services.

1.2 The SIC is not a classification of commodities. Commodities are the products of industries (including the services rendered) or the materials and consumable stores used by industries or the products (including the services) bought and sold by particular industries or goods bought by consumers. Commodities are commonly associated with particular industries, e.g. the clothing industry and the rubber industry, but it must be borne in mind that each industry generally turns out a variety of commodities which, although related, could nevertheless be accommodated separately in a commodity classification.

1.3 The SIC must also be distinguished from the classification of occupations, the aim of which is to classify persons according to the nature of the work in which they are employed (e.g. accountant, typist and boilermaker) and often without taking into account the industry in which the persons concerned are employed. A standard classification of occupations is obtainable from the CSS.

### **2. THE STATISTICAL UNIT**

2.1 The objective of the SIC is to classify collected statistical information as far as possible according to categories of activities which are as homogeneous as possible. The appropriate unit for the collection of the data, and hence for its classification according to kind of economic activity, is either the establishment-type or the kind-of-activity unit. These basic statistical units are defined in the following two paragraphs.

#### **2. ESTABLISHMENT-TYPE UNIT**

3.1 "Establishment" is defined as the smallest economic unit which operates as a separate entity and for which all elements of the basic industrial statistics which would allow the calculation of the operating surplus, can be reported.

3.2 In most cases, an establishment is co-extensive with a firm, that is it is an economic unit which engages under a single ownership or control, i.e. under a single legal entity, in one or predominantly one kind of economic activity at a single physical location (e.g. an individual farm, mine, factory, workshop, store or office). However, many firms have more than one establishment as defined. In some cases, the establishments controlled by a single firm engage in the same kind of economic activity at different locations, sometimes in the same town or magisterial district and sometimes in different towns or magisterial districts. In other cases, the establishments controlled by a single firm engage in different kinds of economic activity, even at the same address. These activities may be classifiable under different major divisions of the SIC, for example a firm with an establishment engaged in fishing - classifiable under Major Division 1 - and another which processes fish - classifiable under Major Division 3; or they may be classifiable under the same major division, for example a firm controlling an establishment which tans leather and another which manufactures footwear.

3.3 Establishments engaged in different activities but for which the basic industrial statistics cannot be reported separately are classified on the basis of the principles set out hereunder.

3.3.1 In the case of establishments that are engaged in activities assigned to more than one major division of the SIC, cognizance is taken of the main activity. For example an establishment may manufacture goods and, in addition to selling its manufactured goods to wholesale and/or retail establishments, also buy goods for resale. If its principal activity is manufacturing, the establishment is classified under Manufacturing; on the other hand, if an establishment is principally engaged in trading, wholesale or retail, it is classified under Trade.

The principal activity is determined from the net values added by each different activity, i.e. the net value added in the case of manufactured goods and gross profit in the case of purchased goods resold (factored goods). Where this is not practicable, the gross output associated with each kind of activity is used as basis. In the case of establishments operating in the same major division the basis of classification is the gross income obtained from the various final products produced or products dealt in or services rendered.

3.3.2 With regard to the classification of certain establishments whose production activities are vertically integrated, cognizance is taken of the nature of the final product. For example a clay pit may be combined with the production of pottery, china and earthenware and structural clay products. Such establishments are classified under the industry indicated by the final product. This principle is, however, not applied to limeworks which, for historical reasons, are classified under Major Division 2 (Mining and Quarrying). Other exceptions are the production of gold bullion by smelting on gold mines, which is included with gold mining, whereas the crushing of stone (which is normally carried out in conjunction with quarrying) is classified under major Division 2 (Mining and Quarrying), irrespective of whether such activities are carried out at stone quarries or elsewhere.

3.3.3 In cases where the different activities of an establishment have a significant bearing on the statistics concerned, the principle is adopted that the activities concerned are regarded as separate establishments and estimates of the basic industrial statistics are made if separate data are not available. For example an establishment that is engaged mainly in trading could also be manufacturing certain products. The significant contribution of its manufacturing activities to the total production statistics in the manufacturing subgroup concerned may necessitate the separating of the particular information from the other data and its inclusion in the subgroup concerned.

#### 4. THE KIND-OF-ACTIVITY UNIT

4.1 The kind-of-activity unit differs from the establishment (as defined in paragraph 3 above) in that there is not the same restriction in respect of the geographical area in which a given kind of activity is carried on by a single legal entity. The kind-of-activity unit serves as a statistical unit, especially in the fields of construction, transportation and electricity, since in these industries a single legal entity may carry on its activities over a wide geographical area. In such cases, the kind-of-activity unit (used as a statistical unit) is the controlling branch office in the case of construction and transportation, and the network of producing units or the undertaking as such in the case of electricity production and distribution. In such cases some information (e.g. employment and salaries and wages) may be available for individual projects and consequently it is sometimes collected on a magisterial district basis (as in the case of construction).

#### 5. ECONOMIC, ADMINISTRATIVE AND ANCILLARY ACTIVITIES

5.1 Economic administration and activities cannot be carried out without the support of a number of ancillary activities such as bookkeeping, transportation, storage, purchasing, sales promotion, cleaning, repair and maintenance, security, etc. Ancillary activities are therefore those that support the main productive activities of an entity by providing non-durable goods or services entirely or primarily for the use of that entity. Outputs resulting from ancillary activities are sold on the market only incidentally. When some of these products are sold on the market, however, such products become secondary products; for instance, if an enterprise, which generally consumes its computer services internally, incidentally sells some of these services on the market, these services become secondary products.

5.2 Since production processes are generally not viable without administration and the support of a certain number of ancillary activities, the latter should not be separated to form separate entities even though these activities may be carried out in a separate location and even though separate records may be available. Also, these activities should not count in determining the classification of the entity to which they belong. Apart from administrative entities (head offices), examples of entities carrying out ancillary activities are sales departments, warehouses, distribution depots, repair shops and accounting or computer departments which primarily serve their parent units. A practical solution to cases where these activities are carried out by separate entities is to assign to such entities the classification of the firm as a whole. This can be dealt with in the records of the establishments making use of the services of these entities, as charges for administrative and ancillary services.

5.3 Under the description given in paragraph 5.1 above, the following activities are not to be considered ancillary:

(i) The production of goods or doing work that is part of fixed capital formation. The types of units most affected are those doing construction work on the account of their parent unit. This approach is in accordance with the classification of own account construction units for which data are available, to the construction industry.

(ii) Activities, of which the output although used as intermediate consumption by the economic activity, is for the greater part sold on the market.

(iii) The production of goods which become a physical part of the output of the economic activity, e.g. the production of boxes, tin cans or the like by a division of an enterprise, as packaging for its own products.

(iv) Research and development. These activities are not universal and they do not provide services that are consumed in the course of current production.

In all these cases, if separate data are available in respect of these activities, separate units should be distinguished and they should be classified according to their own activities.

## 6. THE CLASSIFICATION OF GOVERNMENT ESTABLISHMENTS

6.1 In this Classification government-owned and operated establishments are classified according to the same general principles as those governing the classification of establishments in the private sector. The aim is to classify as "Public administration and defence" (Division 91) only those establishments engaged in activities of a purely governmental nature, such as the administration of justice, the collection of tax and defence. Examples of departments and divisions of departments of the Central Government classified under industries other than "Public administration and defence" include the Government Printing Works and the vaccine production of the Department of Agricultural Development. In the case of local authorities the activities of abattoir, electricity, gas, housing, market, passenger transport and water and sewerage divisions and cleaning services are grouped with similar business activities of the private sector.

## 7. THE CLASSIFICATION OF ACTIVITIES CARRIED OUT ON A FEE OR CONTRACT BASIS

### 7.1 Repair services

7.1.1 The principle adopted for classifying repair services is that all establishments specialising in, or primarily engaged in any given type of repair work should be classified in the same division of the SIC as establishments which, in addition to their main activity, undertake such repair services to a significant extent. In this manner the greater part of each type of repair service is brought together in the same category.

7.1.2 In accordance with this principle, establishments primarily engaged in or specialising in the following repair services are classified under Retail Trade: The repair of footwear, luggage, handbags and other leather goods; the repair, servicing and installation of electrical household and personal appliances such as radio and television receivers, sound recording equipment, gramophones, radio transmitting equipment and antennas in homes, household refrigerators, washing machines, irons and vacuum cleaners, bread and other food toasters and electric razors; watch, clock and jewellery repairs; the repair of lawnmowers; locksmithing; the repair of bicycles; and the repair of other consumer and personal goods such as binoculars, cameras and other photographic equipment, musical instruments and toys; the repair of motor vehicles and motor cycles, including work done by panelbeaters and spraypainters and automotive electricians.

7.1.3 Establishments specialising in or primarily engaged in the repair and servicing of office and accounting machinery and of computers and computer peripheral equipment are classified under Division 86 (Computer and related activities).

7.1.4 Establishments specialising in the repair of furniture (including upholstery), factory equipment, ships and boats, railroad equipment and aircraft are classified under the same group as the establishments manufacturing the class of commodity being repaired. Automotive engineering establishments primarily engaged in reconditioning and/or rebuilding engines and other automotive parts (irrespective of whether this is done primarily for the trade or on own account) are included under Manufacturing.

7.1.5 The renovation/repair of buildings is included under Construction.

## 7.2 Other activities

Except in cases where there are special categories (e.g. transport, storage and packaging) establishments carrying out activities on a fee or contract basis (e.g. irradiation) are classified under the same group as establishments that do such activities for own account and at own risk.

## 8. PRODUCTION BY THIRD PARTIES

Establishments that sell goods under their own name and on their own risk but that have the actual production done by others are classified as if they produce the goods themselves, provided that they have considerable influence on the conception of the products or, in the case of the manufacturing industry, they own the materials to be transformed.

## 9. CODING SYSTEM

The numbers used to identify the major divisions, divisions, major groups, groups and subgroups are arranged according to a decimal system. Each subgroup consists of five digits - the first digit denotes the major division, the first and second digits together the division, the first three digits together the major group, the first four digits together the group and the full five digits the subgroup.

In cases where a given level of the classification is not further divided into categories of the next level of classification "0" is used in the code position for the next more detailed level. For example the code for major group "Mining of gold and uranium ore" is 230 since the division "Mining of gold and uranium ore" (code 23) is not divided into major groups. The code for the group "Mining of iron ore" is 2410 since the major group "Mining of iron ore" (code 241) is not divided into groups. The code for the subgroup "Chrome" is 24210 since the group "chrome" (2421) is not divided into subgroups. On the other hand the group "Mining of chemical and fertilizer minerals" received the code 2531 since the major group "Mining and quarrying n.e.c." (253) is divided into more than one group.

An exception to this rule has been made in major division 3. In order to accommodate 10 codes for divisions in this major division, it was necessary to use a code 30 in stead of 31 for the first division code.

## 10. DIFFERENCES BETWEEN THE SIC AND ISIC (REV. 3)

### 10.1 Differences in the coding system

With the revision of ISIC a new coding system was used. A separation was introduced in the coding structure in order to make the classification responsive to the tabulation needs of certain users. A letter was used for the first digit to single out broad tabulation categories, in contrast to the coding itself which remained purely numerical at the two, three and four-digit levels. The SIC grouping was, however, retained in 10 major divisions as before. A list of SIC divisions with corresponding ISIC tabulation and division codes appears on page 153.



## 10.2 Other differences between the SIC and ISIC

In this issue of the SIC it was endeavoured to follow ISIC as a rule. The following deviations were, however, necessary:

(i) A further division "Service activities incidental to mining of minerals" was established under Mining for the classification of establishments providing such services to mines on a fee or contract basis.

(ii) A further major division was established (Major division 0) to cover (over and above the activities of private households and extraterritorial organisations which are also grouped in different divisions in ISIC) the activities of foreign governments stationed in South Africa as well as other activities not adequately defined.

## 11. DIFFERENCES BETWEEN THE FIFTH AND FOURTH EDITIONS OF THE SIC

While the fourth edition of the SIC which was based on ISIC Rev. 2, this edition of the SIC is based on ISIC Rev. 3. Since that ISIC Rev. 3 departs from ISIC Rev. 2 in many instances, differences also occur between this and the previous edition of the SIC.

### 11.1 Major differences

#### 11.1.1 Agriculture, hunting, forestry and fishing

This major division was extended to distinguish the growing of crops from the farming of animals and from mixed farming.

#### 11.1.2 Manufacturing

A new major group was created under this major division to provide for the recycling of waste and scrap.

#### 11.1.3 Construction

This division has been regrouped to provide separately for site preparation, the construction of buildings and civil engineering structures, building installation, building completion and the renting of construction machinery with operators.

#### 11.1.4 Trade

A distinction has been made between specialised and non-specialised stores, between shops dealing in new and used goods and between retail in stores and not in stores.

#### 11.1.5 Transport

Supporting and auxiliary transport activities are grouped regardless of the mode of transport they serve.

#### 11.1.6 Financial intermediation, insurance, real estate and business services

11.1.6.1 A new division (85) has been created for the renting and leasing of machinery and equipment without operators.

11.1.6.2 A further new division (86) has been created for all computer related activities. It includes the repair and maintenance of computers and office machines.

11.1.6.3 Provision has been made for packaging activities on a fee or contract basis (Group 8895).

11.1.6.4 Research and development activities that were previously classified under community, social and personal services have been transferred to division 87 of this major division.

### 11.2 Minor changes

Minor changes occurring on a group or subgroup level are included in the correspondence tables on page 157.

## ***MAJOR DIVISIONS***

## **LIST OF MAJOR DIVISIONS**

1. Agriculture, hunting, forestry and fishing
2. Mining and quarrying
3. Manufacturing
4. Electricity, gas and water supply
5. Construction
6. Wholesale and retail trade; repair of motor vehicles, motor cycles and personal and household goods; hotels and restaurants
7. Transport, storage and communication
8. Financial intermediation, insurance, real estate and business services
9. Community, social and personal services
0. Private households, extraterritorial organisations, representatives of foreign governments and other activities not adequately defined



***MAJOR DIVISIONS,  
DIVISIONS AND  
MAJOR GROUPS***

**LIST OF MAJOR DIVISIONS, DIVISIONS AND MAJOR GROUPS**

Title of category	Division	Major group
<b><u>MAJOR DIVISION 1: AGRICULTURE, HUNTING, FORESTRY AND FISHING</u></b>		
Agriculture, hunting and related services	11	
Growing of crops; market gardening; horticulture		111
Farming of animals		112
Growing of crops combined with farming of animals (mixed farming)		113
Agricultural and animal husbandry services, except veterinary activities		114
Hunting; trapping and game propagation, including related services		115
Production of organic fertilizer		116
Forestry, logging and related services	12	
Forestry and related services		121
Logging and related services		122
Fishing, operation of fish hatcheries and fish farms	13	
Ocean and coastal fishing		131
Fish hatcheries and fish farms		132
<b><u>MAJOR DIVISION 2: MINING AND QUARRYING</u></b>		
Mining of coal and lignite	21	210
Extraction of crude petroleum and natural gas; service activities incidental to oil and gas extraction, excluding surveying	22	221
Mining of gold and uranium ore	23	230
Mining of metal ores, except gold and uranium	24	
Mining of iron ore		241
Mining of non-ferrous metal ores, except gold and uranium		242
Other mining and quarrying	25	
Stone quarrying, clay and sand-pits		251
Mining of diamonds (including alluvial diamonds)		252
Mining and quarrying n.e.c.		253
Services activities incidental to mining of minerals	29	290

Title of category	Division	Major group
<u>MAJOR DIVISION 3: MANUFACTURING</u>		
Manufacture of food products, beverages and tobacco products	30	
Production, processing and preserving of meat, fish, fruit, vegetables, oils and fats		301
Manufacture of dairy products		302
Manufacture of grain mill products, starches and starch products and prepared animal feeds		303
Manufacture of other food products		304
Manufacture of beverages		305
Manufacture of tobacco products		306
Manufacture of textiles, clothing and leather goods	31	
Spinning, weaving and finishing of textiles		311
Manufacture of other textiles		312
Manufacture of knitted and crocheted fabrics and articles		313
Manufacture of wearing apparel, except fur apparel		314
Dressing and dyeing of fur; manufacture of articles of fur		315
Tanning and dressing of leather; manufacture of luggage, handbags, saddlery and harness		316
Manufacture of footwear		317
Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials; manufacture of paper and paper products; publishing, printing and reproduction of recorded media	32	
Sawmilling and planing of wood		321
Manufacture of products of wood, cork, straw and plaiting materials		322
Manufacture of paper and paper products		323
Publishing		324
Printing and service activities related to printing		325
Reproduction of recorded media		326
Manufacture of coke, refined petroleum products and nuclear fuel; manufacture of chemicals and chemical products; manufacture of rubber and plastic products	33	
Manufacture of coke oven products		331

Title of category	Division	Major group
Petroleum refineries/synthesisers	34	332
Processing of nuclear fuel		333
Manufacture of basic chemicals		334
Manufacture of other chemical products		335
Manufacture of man-made fibres		336
Manufacture of rubber products		337
Manufacture of plastic products		338
Manufacture of other non-metallic mineral products		
Manufacture of glass and glass products		341
Manufacture of non-metallic mineral products n.e.c.		342
Manufacture of basic metals, fabricated metal products, machinery and equipment and of office, accounting and computing machinery	35	
Manufacture of basic iron and steel		351
Manufacture of basic precious and non-ferrous metals		352
Casting of metals		353
Manufacture of structural metal products, tanks, reservoirs and steam generators		354
Manufacture of other fabricated metal products; metalwork service activities		355
Manufacture of general purpose machinery		356
Manufacture of special purpose machinery		357
Manufacture of household appliances		358
Manufacture of office, accounting and computing machinery		359
Manufacture of electrical machinery and apparatus n.e.c.	36	
Manufacture of electric motors, generators and transformers		361
Manufacture of electricity distribution and control apparatus		362
Manufacture of insulated wire and cable		363
Manufacture of accumulators, primary cells and primary batteries		364
Manufacture of electric lamps and lighting equipment		365
Manufacture of other electrical equipment n.e.c.		366



Title of category	Division	Major group
Manufacture of radio, television and communication equipment and apparatus and of medical, precision and optical instruments, watches and clocks	37	
Manufacture of electronic valves and tubes and other electric components		371
Manufacture of television and radio transmitters and apparatus for line telephony and line telegraphy		372
Manufacture of television and radio receivers, sound or video recording or reproducing apparatus and associated goods		373
Manufacture of medical appliances and instruments and appliances for measuring, checking, testing, navigating and other purposes, except optical instruments		374
Manufacture of optical instruments and photographic equipment		375
Manufacture of watches and clocks		376
Manufacture of transport equipment	38	
Manufacture of motor vehicles		381
Manufacture of bodies (coachwork) for motor vehicles; manufacture of trailers and semi-trailers		382
Manufacture of parts and accessories for motor vehicles and their engines		383
Building and repairing of ships and boats		384
Manufacture of railway and tramway locomotives and rolling stock		385
Manufacture of aircraft and space craft		386
Manufacture of transport equipment n.e.c.		387
Manufacture of furniture; manufacturing n.e.c.; recycling	39	
Manufacture of furniture		391
Manufacture n.e.c.		392
Recycling n.e.c.		395
<u>MAJOR DIVISION 4: ELECTRICITY, GAS AND WATER SUPPLY</u>		
Electricity, gas, steam and hot water supply	41	
Production, collection and distribution of electricity		411
Manufacture of gas; distribution of gaseous fuels through mains		412
Steam and hot water supply		413
Collection, purification and distribution of water	42	420

Title of category	Division	Major group
<u>MAJOR DIVISION 5: CONSTRUCTION</u>		
Construction	50	
Site preparation		501
Building of complete constructions or parts thereof; civil engineering		502
Building installation		503
Building completion		504
Renting of construction or demolition equipment with operators		505
<u>MAJOR DIVISION 6: WHOLESALE AND RETAIL TRADE; REPAIR OF MOTOR VEHICLES, MOTOR CYCLES AND PERSONAL AND HOUSEHOLD GOODS; HOTELS AND RESTAURANTS</u>		
Wholesale and commission trade, except of motor vehicles and motor cycles	61	
Wholesale trade on a fee or contract basis		611
Wholesale trade in agricultural raw materials, livestock, food, beverages and tobacco		612
Wholesale trade in household goods		613
Wholesale trade in non-agricultural intermediate products, waste and scrap		614
Wholesale trade in machinery, equipment and supplies		615
Other wholesale trade		619
Retail trade, except of motor vehicles and motor cycles; repair of personal household goods	62	
Non-specialised retail trade in stores		621
Retail trade in food, beverages and tobacco in specialised stores		622
Other retail trade in new goods in specialised stores		623
Retail trade in second-hand goods in stores		624
Retail trade not in stores		625
Repair of personal and household goods		626
Sale, maintenance and repair of motor vehicles and motor cycles; retail trade in automotive fuel	63	
Sale of motor vehicles		631
Maintenance and repair of motor vehicles		632

Title of category	Division	Major group
Sale of motor vehicle parts and accessories	64	633
Sale, maintenance and repair of motor cycles and related parts and accessories		634
Retail sale of automotive fuel		635
Hotels and restaurants		
Hotels, camping sites and other provision of short-stay accommodation		641
Restaurants, bars and canteens		642
<u>MAJOR DIVISION 7: TRANSPORT, STORAGE AND COMMUNICATION</u>		
Land transport; transport via pipelines	71	
Railway transport		711
Other land transport		712
Transport via pipelines		713
Water transport	72	
Sea and coastal water transport		721
Inland water transport		722
Air transport	73	730
Supporting and auxiliary transport activities; activities of travel agencies	74	741
Post and telecommunications	75	
Postal and related courier activities		751
Telecommunications		752
<u>MAJOR DIVISION 8: FINANCIAL INTERMEDIATION, INSURANCE, REAL ESTATE AND BUSINESS SERVICES</u>		
Financial intermediation, except insurance and pension funding	81	
Monetary intermediation		811
Other financial intermediation n.e.c.		819
Insurance and pension funding, except compulsory social security	82	821
Activities auxiliary to financial intermediation	83	
Activities auxiliary to financial intermediation, except insurance and pension funding		831
Activities auxiliary to insurance and pension funding		832

Title of category	Division	Major group
Real estate activities	84	
Real estate activities with own or leased property		841
Real estate activities on a fee or contract basis		842
Renting of machinery and equipment, without operator, and of personal and household goods	85	
Renting of transport equipment		851
Renting of other machinery and equipment		852
Renting of personal and household goods n.e.c.		853
Computer and related activities	86	
Hardware consultancy		861
Software consultancy and supply		862
Data processing		863
Data base activities		864
Maintenance and repair of office, accounting and computing machinery		865
Other computer related activities		869
Research and development	87	
Research and experimental development of natural sciences and engineering		871
Research and experimental development of social sciences and humanities		872
Other business activities	88	
Legal, accounting, bookkeeping and auditing activities; tax consultancy; market research and public opinion research; business and management consultancy		881
Architectural, engineering and other technical activities		882
Advertising		883
Business activities n.e.c.		889
<b><u>MAJOR DIVISION 9: COMMUNITY, SOCIAL AND PERSONAL SERVICES</u></b>		
Public administration and defence activities	91	
Central government activities		911
Regional services council activities		912

Title of category	Division	Major group
Local authority activities		913
Education	92	
Educational services		920
Health and social work	93	
Human health activities		931
Veterinary activities		932
Social work activities		933
Other community, social and personal service activities	94	
Sewage and refuse disposal, sanitation and similar activities		940
Activities of membership organisations n.e.c.	95	
Activities of business, employers' and professional organisations		951
Activities of trade unions		952
Activities of other membership organisations		959
Recreational, cultural and sporting activities	96	
Motion picture, radio, television and other entertainment activities		961
News agency activities		962
Library, archives, museums and other cultural activities		963
Sporting and other recreational activities		964
Other service activities	99	990
<u>MAJOR DIVISION 0: PRIVATE HOUSEHOLDS, EXTERRITORIAL ORGANISATIONS, REPRESENTATIVES OF FOREIGN GOVERNMENTS AND OTHER ACTIVITIES NOT ADEQUATELY DEFINED</u>		
Private households with employed persons	01	010
Exterritorial organisations	02	020
Representatives of foreign governments	03	030
Other activities not adequately defined	09	090

# ***THE DETAILED CLASSIFICATION***

## **THE DETAILED CLASSIFICATION**

*The italic headings indicate a logical grouping normally on a level between that of the Division and the Major group and which does not have a code but corresponds to "Division" in the ISIC. In cases where these groupings correspond with major groups, the major group heading is also in italics.*

### **MAJOR DIVISION 1: AGRICULTURE, HUNTING, FORESTRY AND FISHING**

Title of category	Division	Major group	Group	Subgroup
<u>AGRICULTURE, HUNTING AND RELATED SERVICES</u>	11			
<b><i>AGRICULTURE, HUNTING AND RELATED SERVICES (111, 112, 113, 114 AND 115)</i></b>				
GROWING OF CROPS; MARKET GARDENING; HORTICULTURE		111		
<u>Growing of cereals and other crops n.e.c.</u>			1111	11110
<u>Growing of vegetables, horticultural specialties and nursery products</u>			1112	11120
<u>Growing of fruit, nuts, beverage and spice crops</u>			1113	11130
FARMING OF ANIMALS		112		
<u>Farming of cattle, sheep, goats, horses, asses, mules and hinnies; dairy farming</u>			1121	11210
<u>Other animal farming; production of animal products n.e.c.</u>			1122	11220
GROWING OF CROPS COMBINED WITH FARMING OF ANIMALS (MIXED FARMING)		113	1130	11300
AGRICULTURAL AND ANIMAL HUSBANDRY SERVICES, EXCEPT VETERINARY ACTIVITIES		114	1140	11400
HUNTING, TRAPPING AND GAME PROPAGATION, INCLUDING RELATED SERVICES		115		
<u>Game propagation</u>			1151	11510
<u>Hunting and trapping, including related services</u>			1152	11520
PRODUCTION OF ORGANIC FERTILIZER		116	1160	11600
<u>FORESTRY, LOGGING AND RELATED SERVICES</u>	12			
<b><i>FORESTRY, LOGGING AND RELATED SERVICES (121 AND 122)</i></b>				
FORESTRY AND RELATED SERVICES		121	1210	12100
LOGGING AND RELATED SERVICES		122	1220	12200
<u>FISHING, OPERATION OF FISH HATCHERIES AND FISH FARMS</u>	13			
<b><i>FISHING, OPERATION OF FISH HATCHERIES AND FISH FARMS (131 AND 132)</i></b>				
OCEAN AND COASTAL FISHING		131	1310	13100
FISH HATCHERIES AND FISH FARMS		132	1320	13200

**MAJOR DIVISION 2: MINING AND QUARRYING**

Title of category	Division	Major group	Group	Subgroup
<b><u>MINING OF COAL AND LIGNITE</u></b>	21	210	2100	21000
<b><u>EXTRACTION OF CRUDE PETROLEUM AND NATURAL GAS; SERVICE ACTIVITIES INCIDENTAL TO OIL AND GAS EXTRACTION, EXCLUDING SURVEYING</u></b>	22	221		
<u>Extraction of crude petroleum and natural gas</u>			2211	22110
<u>Service activities incidental to oil and gas extraction, excluding surveying</u>			2212	22120
<b><u>MINING OF GOLD AND URANIUM ORE</u></b>	23	230	2300	23000
<b><u>MINING OF METAL ORES, EXCEPT GOLD AND URANIUM</u></b>	24			
<b><i>MINING OF METAL ORES (241 AND 242)</i></b>				
MINING OF IRON ORE		241	2410	24100
MINING OF NON-FERROUS METAL ORES, EXCEPT GOLD AND URANIUM		242		
<u>Chrome</u>			2421	24210
<u>Copper</u>			2422	24220
<u>Manganese</u>			2423	24230
<u>Platinum group metals</u>			2424	24240
<u>Other metal ore mining, except gold and uranium</u>			2429	24290
<b><u>OTHER MINING AND QUARRYING</u></b>	25			
<b><i>OTHER MINING AND QUARRYING (251, 252 AND 253)</i></b>				
<b><u>STONE QUARRYING, CLAY AND SANDPITS</u></b>		251		
<u>Dimension stone (granite, marble, slate, and wonderstone)</u>			2511	25110
<u>Limestone and limeworks</u>			2512	25120
<u>Other stone quarrying, including stone crushing and clay and sandpits</u>			2519	25190
MINING OF DIAMONDS (INCLUDING ALLUVIAL DIAMONDS)		252	2520	25200
MINING AND QUARRYING N.E.C.		253		
<u>Mining of chemical and fertilizer minerals</u>			2531	
Phosphates				25311
Other chemical and fertilizer mineral mining				25319
<u>Extraction and evaporation of salt</u>			2532	25320
<u>Other mining and quarrying n.e.c.</u>			2539	
Mining of precious and semi-precious stones, except diamonds				25391
Asbestos				25392
Other minerals and materials n.e.c.				25399
<b><u>SERVICE ACTIVITIES INCIDENTAL TO MINING OF MINERALS</u></b>	29	290	2900	29000



### **MAJOR DIVISION 3: MANUFACTURING**

Title of category	Division	Major group	Group	Subgroup	
<u>MANUFACTURE OF FOOD PRODUCTS, BEVERAGES AND TOBACCO PRODUCTS</u>	30	301			
<i>MANUFACTURE OF FOOD PRODUCTS AND BEVERAGES (301, 302, 303, 304 AND 305)</i>					
PRODUCTION, PROCESSING AND PRESERVATION OF MEAT, FISH, FRUIT, VEGETABLES, OILS AND FATS					
<u>Production, processing and preserving of meat and meat products</u>					3011
Slaughtering, dressing and packing of livestock, including poultry and small game for meat					30111
Manufacture of prepared and preserved meat, including sausage; by-products (hides, bones, etc.)					30112
Production of lard and other edible fats					30113
<u>Processing and preserving of fish and fish products</u>					3012
Manufacture of canned, preserved and processed fish, crustaceans and similar foods (except soups)					30120
<u>Processing and preserving of fruit and vegetables</u>					3013
Manufacture of canned, preserved, processed and dehydrated fruit and vegetables (except soups), including fruit juices, juice extracts and potato flour meal					30130
<u>Manufacture of vegetable and animal oils and fats</u>					3014
Manufacture of crude oil and oilseed cake and meal					30141
Manufacture of compound cooking fats, margarine and edible oils					30142
MANUFACTURE OF DAIRY PRODUCTS		302	3020		
Processing of fresh milk (pasteurising, homogenising, sterilising and vitaminising)					30201
Manufacture of butter and cheese					30202
Manufacture of ice cream and other edible ice, whether or not containing cream or chocolate					30203
Manufacture of milk powder, condensed milk and other edible milk products, e.g. ghee, casein or lactose					30204

Title of category	Division	Major group	Group	Subgroup
MANUFACTURE OF GRAIN MILL PRODUCTS, STARCHES AND STARCH PRODUCTS AND PREPARED ANIMAL FEEDS		303		
<u>Manufacture of grain mill products</u>			3031	
Manufacture of flour and grain mill products, including rice and vegetable milling; grain mill residues				30311
Manufacture of breakfast foods				30312
<u>Manufacture of starches and starch products</u>			3032	30320
<u>Manufacture of prepared animal feeds</u>			3033	30330
MANUFACTURE OF OTHER FOOD PRODUCTS		304		
<u>Manufacture of bakery products</u>			3041	30410
<u>Manufacture of sugar, including golden syrup and castor sugar</u>			3042	30420
<u>Manufacture of cocoa, chocolate and sugar confectionery</u>			3043	30430
<u>Manufacture of macaroni, noodles, couscous and similar farinaceous products</u>			3044	30440
<u>Manufacture of other food products n.e.c.</u>			3049	
Manufacture of coffee, coffee substitutes and tea				30491
Manufacture of nut foods				30492
Manufacture of spices, condiments, vinegar, yeast, egg products, soups and other food products n.e.c.				30499
MANUFACTURE OF BEVERAGES		305		
<u>Distilling, rectifying and blending of spirits; ethyl alcohol production from fermented materials; manufacture of wine</u>			3051	30510
<u>Manufacture of beer and other malt liquors and malt</u>			3052	
Breweries, except sorghum beer breweries				30521
Sorghum beer breweries				30522
Manufacture of malt				30523
<u>Manufacture of soft drinks; production of mineral waters</u>			3053	30530
<b>MANUFACTURE OF TOBACCO PRODUCTS</b>		306	3060	30600

Title of category	Division	Major group	Group	Subgroup				
<u>MANUFACTURE OF TEXTILES, CLOTHING AND LEATHER GOODS</u>	31	311	3111					
<i>MANUFACTURE OF TEXTILES (311 AND 312)</i>								
SPINNING, WEAVING AND FINISHING OF TEXTILES								
<u>Preparation and spinning of textile fibres; weaving of textiles</u>								
Preparatory activities in respect of animal fibres, including washing, combing and carding of wool					31111			
Preparatory activities in respect of vegetable fibres					31112			
Spinning, weaving and finishing of yarns and fabrics predominantly of wool and other animal fibres					31113			
Spinning, weaving and finishing of yarns and fabrics predominantly of vegetable fibres					31114			
<u>Finishing of textiles</u>					3112			
Finishing of purchased yarns and fabrics					31120			
MANUFACTURE OF OTHER TEXTILES					312	3121		
<u>Manufacture of made-up textile articles, except apparel</u>								
Manufacture of blankets, made-up furnishing articles and stuffed articles								31211
Manufacture of tents, tarpaulins, sails and other canvas goods								31212
Manufacture of automotive textile goods (including safety belts, and seat covers)								31213
Manufacture of other textile articles (except apparel)								31219
<u>Manufacture of carpets, rugs and mats</u>		3122	31220					
<u>Manufacture of cordage, rope, twine and netting</u>		3123	31230					
<u>Manufacture of other textiles n.e.c.</u>		3129	31290					
<i>MANUFACTURE OF WEARING APPAREL; DRESSING AND DYEING OF FUR (313, 314 AND 315)</i>		313	3130					
MANUFACTURE OF KNITTED AND CROCHETED FABRICS AND ARTICLES								
Garment and hosiery knitting mills					31301			
Other knitting mills					31309			

Title of category	Division	Major group	Group	Subgroup
MANUFACTURE OF WEARING APPAREL, EXCEPT FUR APPAREL		314	3140	
Manufacture of men's and boys' clothing				31401
Manufacture of women's, girls' and infants' clothing				31402
Bespoke tailoring				31403
Manufacture of hats, caps and ties				31404
DRESSING AND DYEING OF FUR; MANUFACTURE OF ARTICLES OF FUR		315	3150	
Dressing and dyeing of fur; manufacture of artificial fur, fur apparel and other articles of fur				31500
<b><i>MANUFACTURE OF LEATHER, LEATHER PRODUCTS AND FOOTWEAR (316 AND 317)</i></b>				
TANNING AND DRESSING OF LEATHER; MANUFACTURE OF LUGGAGE, HANDBAGS, SADDLERY AND HARNESS		316		
<u>Tanning and dressing of leather</u>			3161	31610
<u>Manufacture of luggage, handbags and the like, saddlery and harness</u>			3162	
Manufacture of travel goods and ladies' handbags				31621
Manufacture of other general and small goods of leather and leather substitutes, including harness and saddlery				31629
MANUFACTURE OF FOOTWEAR		317	3170	31700
<u>MANUFACTURE OF WOOD AND OF PRODUCTS OF WOOD AND CORK, EXCEPT FURNITURE; MANUFACTURE OF ARTICLES OF STRAW AND PLAITING MATERIALS; MANUFACTURE OF PAPER AND PAPER PRODUCTS; PUBLISHING, PRINTING AND REPRODUCTION OF RECORDED MEDIA</u>	32			
<b><i>MANUFACTURE OF WOOD AND PRODUCTS OF WOOD, EXCEPT FURNITURE; MANUFACTURE OF ARTICLES OF STRAW AND PLAITING MATERIALS (321 AND 322)</i></b>				
SAWMILLING AND PLANING OF WOOD		321	3210	
Sawmilling and preserving of timber				32101
Other mill products, including wattle bark grinding and compressing				32109

Title of category	Division	Major group	Group	Subgroup
<b>MANUFACTURE OF PRODUCTS OF WOOD, CORK, STRAW AND PLAITING MATERIALS</b>		322		
<u>Manufacture of veneer sheets; manufacture of plywood, lamin-board, particle board and other panels and boards</u>			3221	32210
<u>Manufacture of builders' carpentry and joinery</u>			3222	32220
<u>Manufacture of wooden containers</u>			3223	32230
<u>Manufacture of other products of wood; manufacture of articles of cork, straw and plaiting materials</u>			3229	
Coffins (excluding the manufacture of coffins by funeral undertakers)				32291
Picture frames and framing				32292
Other articles of wood, cork, straw and plaiting materials, including woodcarving and woodturning				32299
<b>MANUFACTURE OF PAPER AND PAPER PRODUCTS</b>		323		
<u>Manufacture of pulp, paper and paperboard</u>			3231	32310
<u>Manufacture of corrugated paper and paperboard and of containers of paper and paperboard</u>			3232	
Manufacture of corrugated paper and paperboard				32321
Manufacture of containers of paper and paperboard				32322
<u>Manufacture of other articles of paper and paperboard</u>			3239	
Stationery				32391
Other paper products				32399
<b>PUBLISHING, PRINTING AND REPRODUCTION OF RECORDED MEDIA (324, 325 AND 326)</b>				
<b>PUBLISHING</b>		324		
<u>Publishing of books, brochures, musical books and other publications</u>			3241	32410
<u>Publishing of newspapers, journals and periodicals</u>			3242	32420
<u>Publishing of recorded media</u>			3243	32430
<u>Other publishing</u>			3249	32490

Title of category	Division	Major group	Group	Subgroup
PRINTING AND SERVICE ACTIVITIES RELATED TO PRINTING		325		
<u>Printing</u>			3251	32510
<u>Service activities related to printing</u>			3252	32520
REPRODUCTION OF RECORDED MEDIA		326	3260	32600
<u>MANUFACTURE OF COKE, REFINED PETROLEUM PRODUCTS AND NUCLEAR FUEL; MANUFACTURE OF CHEMICALS AND CHEMICAL PRODUCTS; MANUFACTURE OF RUBBER AND PLASTIC PRODUCTS</u>	33			
<b><i>MANUFACTURE OF COKE, REFINED PETROLEUM PRODUCTS AND NUCLEAR FUEL (331, 332 AND 333)</i></b>				
MANUFACTURE OF COKE OVEN PRODUCTS		331	3310	33100
PETROLEUM REFINERIES/SYNTHESISERS		332		
<u>Petrol, fuel oils, lubricating oils and greases, primarily from crude oil</u>			3321	33210
<u>Petrol, fuel oils, lubricating oils and greases, primarily from coal</u>			3322	33220
<u>Petrol, fuel oils, lubricating oils and greases, primarily from natural gas</u>			3323	33230
<u>Lubricating oils and greases, primarily from other organic products</u>			3324	33240
<u>Compounded and blended lubricating oils and greases from purchased materials other than crude petroleum</u>			3325	33250
<u>Other petroleum/synthesised products n.e.c.</u>			3329	33290
PROCESSING OF NUCLEAR FUEL		333	3330	33300
<b><i>MANUFACTURE OF CHEMICALS AND CHEMICAL PRODUCTS (334, 335 AND 336)</i></b>				
MANUFACTURE OF BASIC CHEMICALS		334		
<u>Manufacture of basic chemicals, except fertilizers and nitrogen compounds</u>			3341	33410
<u>Manufacture of fertilizers and nitrogen compounds</u>			3342	33420
<u>Manufacture of plastics in primary form and of synthetic rubber</u>			3343	33430

Title of category	Division	Major group	Group	Subgroup
MANUFACTURE OF OTHER CHEMICAL PRODUCTS		335		
<u>Manufacture of pesticides and other agro-chemical products</u>			3351	33510
<u>Manufacture of paints, varnishes and similar coatings, printing ink and mastics</u>			3352	33520
<u>Manufacture of pharmaceuticals, medicinal chemicals and botanical products</u>			3353	33530
<u>Manufacture of soap and detergents, cleaning and polishing preparations, perfumes and toilet preparations</u>			3354	
Manufacture of soap and other cleaning compounds				33541
Manufacture of perfumes, cosmetics and other toilet preparations				33542
Manufacture of other preparations such as polishes, waxes and dressings				33549
<u>Manufacture of other chemical products n.e.c.</u>			3359	
Manufacture of edible salt				33591
Manufacture of explosives and pyrotechnic products				33592
Manufacture of adhesives, glues, sizes and cements				33593
Manufacture of other chemical products n.e.c.				33599
MANUFACTURE OF MAN-MADE FIBRES		336	3360	33600
<b>MANUFACTURE OF RUBBER AND PLASTIC PRODUCTS (337 AND 338)</b>				
MANUFACTURE OF RUBBER PRODUCTS		337		
<u>Manufacture of rubber tyres and tubes; retreading and rebuilding of rubber tyres</u>			3371	
Manufacture of tyres and tubes				33711
Rebuilding and retreading of tyres				33712
<u>Manufacture of other rubber products</u>			3379	33790
MANUFACTURE OF PLASTIC PRODUCTS		338	3380	33800

Title of category	Division	Major group	Group	Subgroup
<b><u>MANUFACTURE OF OTHER NON-METALLIC MINERAL PRODUCTS</u></b>	34	341	3411	
MANUFACTURE OF GLASS AND GLASS PRODUCTS				
Manufacture of sheet and plate glass, glass blocks, tubes and rods; glass fibres and glass wool				34111
Manufacture of glass containers; glass kitchenware and tableware; scientific and laboratory glassware, clock and watch glasses and other glass products n.e.c.				34112
MANUFACTURE OF NON-METALLIC MINERAL PRODUCTS N.E.C		342	3421	
<u>Manufacture of non-structural non-refractory ceramicware</u>				34210
<u>Manufacture of refractory ceramic products</u>				34220
<u>Manufacture of structural non-refractory clay and ceramic products</u>				34230
<u>Manufacture of cement, lime and plaster</u>				34240
<u>Manufacture of articles of concrete, cement and plaster</u>				34250
<u>Cutting, shaping and finishing of stone</u>				34260
<u>Manufacture of other non-metallic mineral products n.e.c.</u>				34290
Abrasives				34291
Other non-metallic mineral products n.e.c.				34299
<b><u>MANUFACTURE OF BASIC METALS, FABRICATED METAL PRODUCTS, MACHINERY AND EQUIPMENT AND OF OFFICE, ACCOUNTING AND COMPUTING MACHINERY</u></b>	35	351	3510	
<b><i>MANUFACTURE OF BASIC METALS (351, 352 AND 353)</i></b>				
MANUFACTURE OF BASIC IRON AND STEEL				
Basic iron and steel industries, except steel pipe and tube mills				35101
Steel pipe and tube mills				35102
MANUFACTURE OF BASIC PRECIOUS AND NON-FERROUS METALS		352	3520	
Refining of precious metals, e.g. gold, silver, platinum				35201
Manufacture of primary non-ferrous metal products, excluding precious metals				35202



Title of category	Division	Major group	Group	Subgroup
CASTING OF METALS		353		
<u>Casting of iron and steel</u>			3531	35310
<u>Casting of non-ferrous metals</u>			3532	35320
<b>MANUFACTURE OF FABRICATED METAL PRODUCTS (354 AND 355)</b>				
MANUFACTURE OF STRUCTURAL METAL PRODUCTS, TANKS, RESERVOIRS AND STEAM GENERATORS		354		
<u>Manufacture of structural metal products</u>			3541	
Manufacture of metal structures or parts thereof				35411
Other structural metal products, e.g. metal doors, windows and gates				35419
<u>Manufacture of tanks, reservoirs and similar containers of metal</u>			3542	35420
<u>Manufacture of steam generators, except central heating hot water boilers</u>			3543	35430
MANUFACTURE OF OTHER FABRICATED METAL PRODUCTS; METALWORK SERVICE ACTIVITIES		355		
<u>Forging, pressing, stamping and roll-forming of metal; powder metallurgy</u>			3551	35510
<u>Treatment and coating of metals; general mechanical engineering on a fee or contract basis</u>			3552	
Treating and coating of metals				35521
General mechanical engineering on a fee or contract basis				35522
<u>Manufacture of cutlery, hand tools and general hardware</u>			3553	35530
<u>Manufacture of other fabricated metal products n.e.c.</u>			3559	
Manufacture of metal containers, e.g. cans and tins				35591
Manufacture of cables and wire products				35592
Manufacture of springs (all types)				35593
Manufacture of metal fasteners				35594
Manufacture of other metal products n.e.c.				35599

Title of category	Division	Major group	Group	Subgroup
<b><i>MANUFACTURE OF MACHINERY AND EQUIPMENT N.E.C. (356, 357 AND 358)</i></b>				
MANUFACTURE OF GENERAL PURPOSE MACHINERY		356		
<u>Manufacture of engines and turbines, except aircraft, vehicle and motor cycle engines</u>			3561	35610
<u>Manufacture of pumps, compressors, taps and valves</u>			3562	35620
<u>Manufacture of bearings, gears, gearing and driving elements</u>			3563	35630
<u>Manufacture of ovens, furnaces and furnace burners</u>			3564	35640
<u>Manufacture of lifting and handling equipment</u>			3565	35650
<u>Manufacture of other general purpose machinery</u>			3569	35690
MANUFACTURE OF SPECIAL PURPOSE MACHINERY		357		
<u>Manufacture of agricultural and forestry machinery</u>			3571	35710
<u>Manufacture of machine tools</u>			3572	35720
<u>Manufacture of machinery for metallurgy</u>			3573	35730
<u>Manufacture of machinery for mining, quarrying and construction</u>			3574	35740
<u>Manufacture of machinery for food, beverage and tobacco processing</u>			3575	35750
<u>Manufacture of machinery for textile, apparel and leather production</u>			3576	35760
<u>Manufacture of weapons and ammunition</u>			3577	35770
<u>Manufacture of other special purpose machinery</u>			3579	35790
MANUFACTURE OF HOUSEHOLD APPLIANCES N.E.C.		358	3580	35800
<b><i>MANUFACTURE OF OFFICE, ACCOUNTING AND COMPUTING MACHINERY</i></b>		359	3590	35900
<u>MANUFACTURE OF ELECTRICAL MACHINERY AND APPARATUS N.E.C.</u>	36			
<b><i>MANUFACTURE OF ELECTRICAL MACHINERY AND APPARATUS N.E.C. (361, 362, 363, 364 AND 365)</i></b>				
MANUFACTURE OF ELECTRIC MOTORS, GENERATORS AND TRANSFORMERS		361	3610	36100
MANUFACTURE OF ELECTRICITY DISTRIBUTION AND CONTROL APPARATUS		362	3620	36200

Title of category	Division	Major group	Group	Subgroup
MANUFACTURE OF INSULATED WIRE AND CABLE		363	3630	36300
MANUFACTURE OF ACCUMULATORS, PRIMARY CELLS AND PRIMARY BATTERIES		364	3640	36400
MANUFACTURE OF ELECTRIC LAMPS AND LIGHTING EQUIPMENT		365	3650	
Manufacture of electric bulbs and fluorescent tubes				36501
Manufacture of illuminated signs and advertising displays				36502
Manufacture of lamps and lampshades				36503
MANUFACTURE OF OTHER ELECTRICAL EQUIPMENT N.E.C.		366	3660	36600
<u>MANUFACTURE OF RADIO, TELEVISION AND COMMUNICATION EQUIPMENT AND APPARATUS AND OF MEDICAL, PRECISION AND OPTICAL INSTRUMENTS, WATCHES AND CLOCKS</u>	37			
<b>MANUFACTURE OF RADIO, TELEVISION AND COMMUNICATION EQUIPMENT AND APPARATUS (371, 372 AND 373)</b>				
MANUFACTURE OF ELECTRONIC VALVES AND TUBES AND OTHER ELECTRONIC COMPONENTS		371	3710	37100
MANUFACTURE OF TELEVISION AND RADIO TRANSMITTERS AND APPARATUS FOR LINE TELEPHONY AND LINE TELEGRAPHY		372	3720	37200
MANUFACTURE OF TELEVISION AND RADIO RECEIVERS, SOUND OR VIDEO RECORDING OR REPRODUCING APPARATUS AND ASSOCIATED GOODS		373	3730	37300
<b>MANUFACTURE OF MEDICAL, PRECISION AND OPTICAL INSTRUMENTS, WATCHES AND CLOCKS (374, 375 AND 376)</b>				
MANUFACTURE OF MEDICAL APPLIANCES AND INSTRUMENTS AND APPLIANCES FOR MEASURING, CHECKING, TESTING, NAVIGATING AND FOR OTHER PURPOSES, EXCEPT OPTICAL INSTRUMENTS		374		
<u>Manufacture of medical and surgical equipment and orthopaedic appliances</u>			3741	
Orthopaedic appliances				37411
Surgical, medical and dental supplies				37412

Title of category	Division	Major group	Group	Subgroup
<u>Manufacture of instruments and appliances for measuring, checking, testing, navigating and for other purposes, except industrial process control equipment</u>			3742	37420
<u>Manufacture of industrial process control equipment</u>			3743	37430
MANUFACTURE OF OPTICAL INSTRUMENTS AND PHOTOGRAPHIC EQUIPMENT		375	3750	37500
MANUFACTURE OF WATCHES AND CLOCKS		376	3760	37600
<u>MANUFACTURE OF TRANSPORT EQUIPMENT</u>	38			
<b><i>MANUFACTURE OF MOTOR VEHICLES, TRAILERS AND SEMI-TRAILERS (381, 382 AND 383)</i></b>				
MANUFACTURE OF MOTOR VEHICLES		381	3810	38100
MANUFACTURE OF BODIES (COACHWORK) FOR MOTOR VEHICLES; MANUFACTURE OF TRAILERS AND SEMI-TRAILERS		382	3820	38200
MANUFACTURE OF PARTS AND ACCESSORIES FOR MOTOR VEHICLES AND THEIR ENGINES		383	3830	
Manufacture of radiators				38301
Activities of specialised automotive engineering workshops working primarily for the motor trade				38302
Manufacture of other motor vehicle parts and accessories				38309
<b><i>MANUFACTURE OF OTHER TRANSPORT EQUIPMENT (384, 385 AND 386)</i></b>				
BUILDING AND REPAIRING OF SHIPS AND BOATS		384		
<u>Building and repairing of ships</u>			3841	38410
<u>Building and repairing of pleasure and sporting boats</u>			3842	38420
MANUFACTURE OF RAILWAY AND TRAMWAY LOCOMOTIVES AND ROLLING STOCK		385	3850	38500
MANUFACTURE OF AIRCRAFT AND SPACECRAFT		386	3860	38600
MANUFACTURE OF TRANSPORT EQUIPMENT N.E.C.		387		
<u>Manufacture of motor cycles</u>			3871	38710
<u>Manufacture of bicycles and invalid carriages</u>			3872	38720
<u>Manufacture of other transport equipment n.e.c.</u>			3879	38790

Title of category	Division	Major group	Group	Subgroup		
<u>MANUFACTURE OF FURNITURE; MANUFACTURING N.E.C.: RECYCLING</u>	39	391	3910			
<i>MANUFACTURE OF FURNITURE; MANUFACTURING N.E.C. (391 AND 392)</i>						
MANUFACTURE OF FURNITURE						
Manufacture of furniture made predominantly of metal				39101		
Manufacture of furniture made predominantly of plastic materials				39102		
Manufacture of furniture made predominantly of materials other than metal, plastic or concrete				39103		
MANUFACTURING N.E.C.				392	3921	
<u>Manufacture of jewellery and related articles</u>						
Jewellery and related articles composed of precious metals, precious and semi-precious stones and pearls						39211
Diamond cutting and polishing						39212
Other precious and semi-precious stone cutting and polishing		39219				
<u>Manufacture of musical instruments</u>		3922	39220			
<u>Manufacture of sports goods</u>		3923	39230			
<u>Manufacture of games and toys</u>		3924	39240			
<u>Other manufacturing n.e.c.</u>		3929				
Brushes and brooms			39291			
Crayons, chalk, pens and pencils			39292			
Buttons, buckles, slide fasteners, etc.			39293			
Number plates, signs and advertising displays, that are not electrical			39294			
Engraving			39295			
Other industries not elsewhere classified, including rubber stamps, taxidermists, ostrich feathers, costume jewellery and novelties, umbrellas and canes			39299			
RECYCLING N.E.C.		395	3951			
<u>Recycling of metal waste and scrap n.e.c.</u>				39510		
Recycling of non-metal waste and scrap n.e.c.				3952	39520	

**MAJOR DIVISION 4: ELECTRICITY, GAS AND WATER SUPPLY**

Title of category	Division	Major group	Group	Subgroup
<u>ELECTRICITY, GAS, STEAM AND HOT WATER SUPPLY</u>	41	411	4111	
<b><i>ELECTRICITY, GAS, STEAM AND HOT WATER SUPPLY (411, 412 AND 413)</i></b>				
<u>Production, collection and distribution of electricity</u>				
Generation				41111
Distribution of purchased electric energy only				41112
Generation and/or distribution for own use				41113
<u>Manufacture of gas; distribution of gaseous fuels through mains</u>	42	412	4120	41200
<u>Steam and hot water supply</u>		413	4130	41300
<b><u>COLLECTION, PURIFICATION AND DISTRIBUTION OF WATER</u></b>		420	4200	42000

## **MAJOR DIVISION 5: CONSTRUCTION**

Title of category	Division	Major group	Group	Subgroup
<b><u>CONSTRUCTION</u></b>	50			
<b><i>CONSTRUCTION (501, 502, 503, 504 AND 505)</i></b>				
SITE PREPARATION		501	5010	50100
BUILDING OF COMPLETE CONSTRUCTIONS OR PARTS THEREOF; CIVIL ENGINEERING		502		
<u>Construction of buildings</u>			5021	
Construction of homes				50211
Construction of other buildings				50219
<u>Construction of civil engineering structures</u>			5022	50220
<u>Construction of other structures</u>			5023	50230
<u>Construction by specialist trade contractors</u>			5024	50240
BUILDING INSTALLATION		503		
<u>Plumbing</u>			5031	50310
<u>Electrical contracting</u>			5032	50320
<u>Shopfitting</u>			5033	50330
<u>Other building installation n.e.c.</u>			5039	50390
BUILDING COMPLETION		504		
<u>Painting and decorating</u>			5041	50410
<u>Other building completion n.e.c.</u>			5049	50490
RENTING OF CONSTRUCTION OR DEMOLITION EQUIPMENT WITH OPERATORS		505	5050	50500

**MAJOR DIVISION 6: WHOLESALE AND RETAIL TRADE: REPAIR OF MOTOR VEHICLES, MOTOR CYCLES AND PERSONAL AND HOUSEHOLD GOODS; HOTELS AND RESTAURANTS**

Title of category	Division	Major group	Group	Subgroup
<u>WHOLESALE AND COMMISSION TRADE, EXCEPT OF MOTOR VEHICLES AND MOTOR CYCLES</u>	61			
<i>WHOLESALE AND COMMISSION TRADE EXCEPT OF MOTOR VEHICLES AND MOTOR CYCLES (611, 612, 613, 614, 615 AND 619)</i>				
WHOLESALE TRADE ON A FEE OR CONTRACT BASIS		611	6110	
Sales by commission agents				61101
Sales by commodity brokers				61102
Sales by auctioneers				61103
Other wholesale trade on a fee or contract basis				61109
WHOLESALE TRADE IN AGRICULTURAL RAW MATERIALS, LIVESTOCK, FOOD, BEVERAGES AND TOBACCO		612		
<u>Wholesale trade in agricultural raw materials and livestock</u>			6121	61210
<u>Wholesale trade in food, beverages and tobacco</u>			6122	
Wholesale trade in foodstuffs				61221
Wholesale trade in beverages				61222
Wholesale trade in tobacco products				61223
WHOLESALE TRADE IN HOUSEHOLD GOODS		613		
<u>Wholesale trade in textiles, clothing and footwear</u>			6131	61310
<u>Wholesale trade in other household goods</u>			6139	
Wholesale trade in household furniture requisites and appliances				61391
Wholesale trade in books and stationery				61392
Wholesale trade in precious stones, jewellery and silverware				61393
Wholesale trade in pharmaceuticals, toiletries and medical equipment				61394
Wholesale trade in other household goods n.e.c.				61399
WHOLESALE TRADE IN NON-AGRICULTURAL INTER-MEDIATE PRODUCTS, WASTE AND SCRAP		614		
<u>Wholesale trade in solid, liquid and gaseous fuels and related products</u>			6141	61410
<u>Wholesale trade in metal and metal ores</u>			6142	61420
<u>Wholesale trade in construction materials, hardware, plumbing and heating equipment and supplies</u>			6143	61430
Wholesale trade in other intermediate products, waste and scrap			6149	61490



Title of category	Division	Major group	Group	Subgroup
WHOLESALE TRADE IN MACHINERY, EQUIPMENT AND SUPPLIES		615	6150	
Office machinery and equipment including computers				61501
Other machinery				61509
OTHER WHOLESALE TRADE		619	6190	
General wholesale trade				61901
Other wholesale trade n.e.c.				61909
<b><u>RETAIL TRADE, EXCEPT OF MOTOR VEHICLES AND MOTOR CYCLES; REPAIR OF PERSONAL AND HOUSEHOLD GOODS</u></b>	62			
<b><i>RETAIL TRADE, EXCEPT OF MOTOR VEHICLES AND MOTOR CYCLES; REPAIR OF PERSONAL AND HOUSEHOLD GOODS (621, 622, 623, 624, 625 AND 626)</i></b>				
NON-SPECIALISED RETAIL TRADE IN STORES		621		
<u>Retail trade in non-specialised stores with food, beverages and tobacco predominating</u>			6211	62110
<u>Other retail trade in non-specialised stores</u>			6219	62190
RETAIL TRADE IN FOOD, BEVERAGES AND TOBACCO IN SPECIALISED STORES		622	6220	
Retail trade in fresh fruit and vegetables				62201
Retail trade in meat and meat products				62202
Retail trade in bakery products				62203
Retail trade in beverages (bottle stores)				62204
Other retail trade in food, beverages and tobacco n.e.c.				62209
OTHER RETAIL TRADE IN NEW GOODS IN SPECIALISED STORES		623		
<u>Retail trade in pharmaceutical and medical goods, cosmetic and toilet articles</u>			6231	62310
<u>Retail trade in textiles, clothing, footwear and leather goods</u>			6232	
Retail trade in men's and boys' clothing				62321
Retail trade in ladies' and girls' clothing				62322
Retail trade by general outfitters and by dealers in piece goods, textiles, leather and travel accessories				62323
Retail trade in shoes				62324

Title of category	Division	Major group	Group	Subgroup
<u>Retail trade in household furniture appliances, articles and equipment</u>			6233	62330
<u>Retail trade in hardware, paints and glass</u>			6234	62340
<u>Other retail trade in specialised stores</u>			6239	
Retail trade in reading matter and stationery				62391
Retail trade in jewellery, watches and clocks				62392
Retail trade in sports goods and entertainment requisites				62393
Retail trade by other specialised stores				62399
RETAIL TRADE IN SECOND-HAND GOODS IN STORES		624	6240	62400
RETAIL TRADE NOT IN STORES		625		
Retail trade via mail-order houses			6251	
Retail trade in books via mail-order houses				62511
Other retail trade via mail-order houses				62519
<u>Retail trade via stalls and markets</u>			6252	62520
<u>Other retail trade not in stores</u>			6259	62590
REPAIR OF PERSONAL AND HOUSEHOLD GOODS		626	6260	
Repair of footwear and leather goods				62601
Repair, servicing and installation of household and personal appliances				62602
Other repair services for the general public, n.e.c.				62609
<b><u>SALE, MAINTENANCE AND REPAIR OF MOTOR VEHICLES AND MOTOR CYCLES; RETAIL TRADE IN AUTOMOTIVE FUEL</u></b>	63			
<b><i>SALE, MAINTENANCE AND REPAIR OF MOTOR VEHICLES AND MOTOR CYCLES; RETAIL TRADE IN AUTOMOTIVE FUEL (631, 632, 633, 634 AND 635)</i></b>				
SALE OF MOTOR VEHICLES		631		
<u>Wholesale sale of motor vehicles</u>			6311	63110
<u>Retail sale of motor vehicles</u>			6312	
Retail sale of new motor vehicles				63121
Retail sale of used motor vehicles				63122

Title of category	Division	Major group	Group	Subgroup
MAINTENANCE AND REPAIR OF MOTOR VEHICLES		632	6320	
General repairs				63201
Electrical repairs				63202
Radiator repairs				63203
Body repairs				63204
Other maintenance and repairs n.e.c.				63209
SALE OF MOTOR VEHICLE PARTS AND ACCESSORIES		633		
<u>Sale of new parts and accessories</u>			6331	
Sale of tyres				63311
Sale of other new parts and accessories				63319
<u>Sale of used parts and accessories</u>			6332	63320
SALE, MAINTENANCE AND REPAIR OF MOTOR CYCLES AND RELATED PARTS AND ACCESSORIES		634	6340	63400
RETAIL SALE OF AUTOMOTIVE FUEL		635	6350	63500
<u>HOTELS AND RESTAURANTS</u>	64			
<b><i>HOTELS AND RESTAURANTS (641 AND 642)</i></b>				
HOTELS, CAMPING SITES AND OTHER PROVISION OF SHORT-STAY ACCOMMODATION		641	6410	
Hotels, motels, hotels and inns registered with the SA Tourism Board				64101
Caravan parks and camping sites				64102
Guest houses and guest farms				64103
Other accommodation n.e.c.				64109
RESTAURANTS, BARS AND CANTEENS		642	6420	
Restaurants or tearooms with liquor licence				64201
Restaurants or tearooms without liquor licence				64202
Take-away counters				64203
Caterers				64204
Other catering services n.e.c.				64209

**MAJOR DIVISION 7: TRANSPORT, STORAGE AND COMMUNICATION**

Title of category	Division	Major group	Group	Subgroup
<u>LAND TRANSPORT; TRANSPORT VIA PIPELINES</u>	71			
<b><i>LAND TRANSPORT; TRANSPORT VIA PIPELINES (711, 712 AND 713)</i></b>				
RAILWAY TRANSPORT		711	7111	
Inter-urban railway transport				71111
Railway commuter services				71112
OTHER LAND TRANSPORT		712		
<u>Other scheduled passenger land transport</u>			7121	
Urban, suburban and inter-urban bus and coach passenger lines				71211
School buses				71212
<u>Other non-scheduled passenger land transport</u>			7122	
Taxis				71221
Safaris and sightseeing bus tours				71222
Other passenger transport, including the renting of passenger motor vehicles with drivers				71229
<u>Freight transport by road</u>			7123	
Transport of furniture				71231
Other freight transport by road				71239
TRANSPORT VIA PIPELINES		713	7130	71300
<u>WATER TRANSPORT</u>	72			
<b><i>WATER TRANSPORT (721 AND 722)</i></b>				
SEA AND COASTAL WATER TRANSPORT		721	7211	
Coastal shipping				72111
Ocean shipping				72112
INLAND WATER TRANSPORT		722	7220	72200
<u>AIR TRANSPORT</u>	73			
<b><i>AIR TRANSPORT</i></b>		730	7300	73000
<b><i><u>SUPPORTING AND AUXILIARY TRANSPORT ACTIVITIES; ACTIVITIES OF TRAVEL AGENCIES</u></i></b>	74	741		
<u>Cargo handling</u>			7411	74110
<u>Storage and warehousing</u>			7412	74120
<u>Other supporting transport activities</u>			7413	
Parking garages and parking lots				74131
Salvaging of distressed vessels and cargoes				74132

Title of category	Division	Major group	Group	Subgroup
Maintenance and operation of harbour works, lighthouses, etc., pilotage				74133
Operation of airports, flying fields and air navigation facilities				74134
Operation of roads and toll roads				74135
Other supporting transport activities n.e.c.				74139
<u>Travel agency and related activities</u>			7414	74140
<u>Activities of other transport agencies</u>			7419	74190
<b><u>POST AND TELECOMMUNICATION</u></b>	<b>75</b>			
<b><i>POST AND TELECOMMUNICATION (751 AND 752)</i></b>				
POSTAL AND RELATED COURIER ACTIVITIES		751		
<u>National postal activities</u>			7511	75110
<u>Courier activities other than national postal activities</u>			7512	75120
TELECOMMUNICATION		752	7520	75200

**MAJOR DIVISION 8: FINANCIAL INTERMEDIATION, INSURANCE, REAL ESTATE AND BUSINESS SERVICES**

Title of category	Division	Major group	Group	Subgroup
<u>FINANCIAL INTERMEDIATION, EXCEPT INSURANCE AND PENSION FUNDING</u>	81			
<i>FINANCIAL INTERMEDIATION, EXCEPT INSURANCE AND PENSION FUNDING (811 AND 819)</i>				
MONETARY INTERMEDIATION		811	8111	
Central banking				81110
<u>Other monetary intermediation</u>			8112	
Discount houses and commercial and other banking				81121
Building society activities				81122
OTHER FINANCIAL INTERMEDIATION N.E.C.		819		
<u>Lease financing</u>			8191	81910
<u>Other credit granting</u>			8192	81920
<u>Other financial intermediation n.e.c.</u>			8199	81990
<u>INSURANCE AND PENSION FUNDING, EXCEPT COMPULSORY SOCIAL SECURITY</u>	82			
<i>INSURANCE AND PENSION FUNDING, EXCEPT COMPULSORY SOCIAL SECURITY</i>		821		
<u>Life insurance</u>			8211	82110
<u>Pension funding</u>			8212	82120
<u>Medical aid funding</u>			8213	82130
<u>Other insurance n.e.c.</u>			8219	82190
<u>ACTIVITIES AUXILIARY TO FINANCIAL INTERMEDIATION</u>	83			
<i>ACTIVITIES AUXILIARY TO FINANCIAL INTERMEDIATION (831 AND 832)</i>				
ACTIVITIES AUXILIARY TO FINANCIAL INTERMEDIATION, EXCEPT INSURANCE AND PENSION FUNDING		831		
<u>Administration of financial markets</u>			8311	83110
<u>Security dealing activities</u>			8312	83120
<u>Activities auxiliary to financial intermediation n.e.c.</u>			8319	83190
ACTIVITIES AUXILIARY TO INSURANCE AND PENSION FUNDING		832		
Activities auxiliary to insurance and pension funding			8320	83200

Title of category	Division	Major group	Group	Subgroup
<u>REAL ESTATE ACTIVITIES</u>  <b><i>REAL ESTATE ACTIVITIES (841 AND 842)</i></b>  REAL ESTATE ACTIVITIES WITH OWN OR LEASED PROPERTY  <u>Property owning and letting</u> <u>Developing real estate, subdividing real estate into lots and residential development on own account</u> <u>Owning and/or sale of own fixed property</u>  REAL ESTATE ACTIVITIES ON A FEE OR CONTRACT BASIS  <u>Activities of estate agencies, rent collectors, appraisers and valuers</u> <u>Subletting of fixed property</u>	84	841        842	8411 8412  8413   8421 8422	84110 84120  84130   84210 84220
<u>RENTING OF MACHINERY AND EQUIPMENT, WITHOUT OPERATOR AND OF PERSONAL AND HOUSEHOLD GOODS</u>  <b><i>RENTING OF MACHINERY AND EQUIPMENT, WITHOUT OPERATOR AND OF PERSONAL AND HOUSEHOLD GOODS (851, 852 AND 853)</i></b>  RENTING OF TRANSPORT EQUIPMENT  <u>Renting of land transport equipment</u> <u>Renting of water transport equipment</u> <u>Renting of air transport equipment</u>  RENTING OF OTHER MACHINERY AND EQUIPMENT  <u>Renting of agricultural machinery and equipment</u> <u>Renting of construction and civil engineering machinery and equipment</u> <u>Renting of office machinery and equipment (including computers)</u> <u>Renting of other machinery and equipment n.e.c.</u>  RENTING OF PERSONAL AND HOUSEHOLD GOODS N.E.C.  <u>Renting of personal and household goods n.e.c.</u>	85	851        852        853	8511 8512 8513     8521 8522 8523 8529  8530	85110 85120 85130     85210 85220 85230 85290  85300

Title of category	Division	Major group	Group	Subgroup
<u>COMPUTER AND RELATED ACTIVITIES</u> <b>COMPUTER AND RELATED ACTIVITIES (861, 862, 863, 864, 865 AND 869)</b> HARDWARE CONSULTANCY SOFTWARE CONSULTANCY AND SUPPLY DATA PROCESSING DATA BASE ACTIVITIES MAINTENANCE AND REPAIR OF OFFICE, ACCOUNTING AND COMPUTING MACHINERY OTHER COMPUTER RELATED ACTIVITIES	86			
		861	8610	86100
		862	8620	86200
		863	8630	86300
		864	8640	86400
		865	8650	86500
		869	8690	86900
<u>RESEARCH AND DEVELOPMENT</u> <b>RESEARCH AND DEVELOPMENT (871 AND 872)</b> RESEARCH AND EXPERIMENTAL DEVELOPMENT ON NATURAL SCIENCES AND ENGINEERING <u>General research, e.g. CSIR</u> <u>Agricultural and livestock research</u> <u>Medical and veterinary research, e.g. SA Medical Research Council</u> <u>Industrial research, e.g. fuel research</u> <u>Other research n.e.c.</u> RESEARCH AND EXPERIMENTAL DEVELOPMENT ON SOCIAL SCIENCES AND HUMANITIES	87			
		871		
			8711	87110
			8712	87120
			8713	87130
			8714	87140
			8719	87190
		872	8720	87200
<u>OTHER BUSINESS ACTIVITIES</u> <b>OTHER BUSINESS ACTIVITIES (881, 882, 883 AND 889)</b> LEGAL, ACCOUNTING, BOOKKEEPING AND AUDITING ACTIVITIES; TAX CONSULTANCY; MARKET RESEARCH AND PUBLIC-OPINION RESEARCH; BUSINESS AND MANAGEMENT CONSULTANCY <u>Legal activities</u> Activities of attorneys, notaries and conveyancers Activities of advocates <u>Accounting, bookkeeping and auditing activities; tax consultancy</u> Activities of accountants and auditors registered in terms of the Public Accountants and Auditors Act Activities of cost and management accountants	88			
		881		
			8811	
				88111
				88112
			8812	
				88121
				88122



Title of category	Division	Major group	Group	Subgroup
Bookkeeping activities, including relevant data processing and tabulating activities				88123
<u>Market research and public opinion polling</u>			8813	88130
<u>Business and management consultancy activities</u>			8814	88140
ARCHITECTURAL, ENGINEERING AND OTHER TECHNICAL ACTIVITIES		882		
<u>Architectural and engineering activities and related technical consultancy</u>			8821	
Consulting engineering activities				88211
Architectural activities				88212
Activities of quantity surveyors				88213
Activities of land surveyors				88214
Geological and prospecting activities on a fee or contract basis				88215
Activities of non-registered architects, e.g. tracers and draughtsmen of plans for dwellings				88216
<u>Technical testing and analysis</u>			8822	
Other activities - engineering and other commercial research, developing and testing - e.g. SABS				88220
ADVERTISING		883	8831	
Activities of advertising agents				88311
Signwriting and industrial and commercial artistry				88312
Other activities - window-dressing, etc.				88319
BUSINESS ACTIVITIES N.E.C.		889		
<u>Labour recruitment and provision of staff</u>			8891	
Activities of employment agencies and recruiting organisations				88911
Hiring out of workers (labour-broking activities)				88912
<u>Investigation and security activities</u>			8892	88920
<u>Building and industrial plant cleaning activities</u>			8893	88930
<u>Photographic activities</u>			8894	88940
<u>Packaging activities</u>			8895	88950
<u>Other business activities n.e.c.</u>			8899	
Credit rating agency activities				88991
Debit collecting agency activities				88992
Stenographic, duplicating, addressing, mailing list and similar activities				88993
Other business activities n.e.c.				88999

## **MAJOR DIVISION 9: COMMUNITY, SOCIAL AND PERSONAL SERVICES**

Title of category	Division	Major group	Group	Subgroup
<u>PUBLIC ADMINISTRATION AND DEFENCE ACTIVITIES</u> <b><i>PUBLIC ADMINISTRATION AND DEFENCE ACTIVITIES (911, 912 AND 913)</i></b> CENTRAL GOVERNMENT ACTIVITIES Government departments Provincial administrations Self-governing territories and their lower authorities Other Central Government activities REGIONAL SERVICES COUNCIL ACTIVITIES LOCAL AUTHORITY ACTIVITIES	91	911	9110	91101 91102 91103 91109
		912	9120	91200
		913	9130	91300
<u>EDUCATION</u> <b><i>EDUCATIONAL SERVICES</i></b> Pre-primary education and activities of after-school centres Primary and secondary education Special education and training of mentally retarded children Education by technical colleges and technical institutions Education by technikons Education by teachers' training colleges of education for further training Education by universities Education by correspondence and private vocational colleges Other educational services - own account teachers, motor vehicle driving schools/tutors and music, dancing and other art schools, etc.	92	920	9200	92001 92002 92003 92004 92005 92006 92007 92008 92009
<u>HEALTH AND SOCIAL WORK</u> <b><i>HEALTH AND SOCIAL WORK (931, 932 AND 933)</i></b> HUMAN HEALTH ACTIVITIES <u>Hospital activities</u> General hospitals Maternity homes Tuberculosis hospitals Psychiatric hospitals Detached operation theatres Other hospitals, n.e.c. <u>Medical and dental practice activities</u> Medical practitioner and specialist activities Dentist and specialist dentist activities	93	931	9311	93111 93112 93113 93114 93115 93119
			9312	93121 93122

Title of category	Division	Major group	Group	Subgroup
<u>Other human health activities</u>			9319	
Supplementary health services or paramedical staff (practitioners)				93191
Clinics and related health care services				93192
Nursing services				93193
Chiropractors and other associated health care services				93194
Other health services				93199
VETERINARY ACTIVITIES		932	9320	93200
SOCIAL WORK ACTIVITIES		933	9330	93300
<b><u>OTHER COMMUNITY, SOCIAL AND PERSONAL SERVICE ACTIVITIES</u></b>	94			
SEWAGE AND REFUSE DISPOSAL, SANITATION AND SIMILAR ACTIVITIES		940	9400	94000
<u>ACTIVITIES OF MEMBERSHIP ORGANISATIONS N.E.C.</u>	95			
<b><i>ACTIVITIES OF MEMBERSHIP ORGANISATIONS N.E.C. (951, 952 AND 959)</i></b>				
ACTIVITIES OF BUSINESS, EMPLOYERS AND PROFESSIONAL ORGANISATIONS		951		
<u>Activities of business and employers' organisations</u>			9511	95110
<u>Activities of professional organisations</u>			9512	95120
ACTIVITIES OF TRADE UNIONS		952	9520	95200
ACTIVITIES OF OTHER MEMBERSHIP ORGANISATIONS		959		
<u>Activities of religious organisations</u>			9591	95910
<u>Activities of political organisations</u>			9592	95920
<u>Activities of other membership organisations n.e.c.</u>			9599	95990
<u>RECREATIONAL, CULTURAL AND SPORTING ACTIVITIES</u>	96			
<b><i>RECREATIONAL, CULTURAL AND SPORTING ACTIVITIES (961, 962, 963 AND 964)</i></b>				
MOTION PICTURE, RADIO, TELEVISION AND OTHER ENTERTAINMENT ACTIVITIES		961		
<u>Motion picture and video production and distribution</u>			9611	
Motion picture and video production and distribution				96111
Related activities - film and tape renting to other industries, booking, delivery and storage				96112

Title of category	Division	Major group	Group	Subgroup
<u>Motion picture projection</u>			9612	
Motion picture projection by cinemas				96121
Motion picture projection by drive-in cinemas				96122
<u>Radio and television activities</u>			9613	96130
<u>Dramatic arts, music and other arts activities</u>			9614	96140
<u>Other entertainment activities n.e.c.</u>			9619	96190
NEWS AGENCY ACTIVITIES		962	9620	96200
LIBRARY, ARCHIVES, MUSEUMS AND OTHER CULTURAL ACTIVITIES		963		
<u>Library and archives activities</u>			9631	96310
<u>Museum activities and preservation of historical sites and buildings</u>			9632	96320
<u>Botanical and zoological gardens and nature reserve activities</u>			9633	96330
SPORTING AND OTHER RECREATIONAL ACTIVITIES		964		
<u>Sporting activities</u>			9641	96410
<u>Other recreational activities</u>			9649	96490
<b><u>OTHER SERVICE ACTIVITIES</u></b>	99			
OTHER SERVICE ACTIVITIES		990		
<u>Washing and (dry-) cleaning of textiles and fur products</u>			9901	99010
<u>Hairdressing and other beauty treatment</u>			9902	
Men's hairdressing				99021
Ladies' hairdressing				99022
Men's and ladies' hairdressing				99023
Beauty treatment				99024
<u>Funeral and related activities</u>			9903	99030
<u>Other service activities n.e.c.</u>			9909	99090

**MAJOR DIVISION 0: PRIVATE HOUSEHOLDS, EXTERRITORIAL ORGANISATIONS, REPRESENTATIVES OF FOREIGN GOVERNMENTS AND OTHER ACTIVITIES NOT ADEQUATELY DEFINED**

Title of category	Division	Major group	Group	Subgroup
<b><u>PRIVATE HOUSEHOLDS WITH EMPLOYED PERSONS</u></b>	01	010	0100	01000
<b><u>EXTERRITORIAL ORGANISATIONS</u></b>	02	020	0200	02000
<b><u>REPRESENTATIVES OF FOREIGN GOVERNMENTS</u></b>	03	030	0300	03000
<b><u>OTHER ACTIVITIES NOT ADEQUATELY DEFINED</u></b>	09	090	0900	09000





# ***DESCRIPTION OF INDUSTRIES***



### **1.3. DESCRIPTIONS OF INDUSTRIES**

#### **MAJOR DIVISION 1: AGRICULTURE, HUNTING, FORESTRY AND FISHING**

In this division, establishments which are primarily engaged in farming activities are classified, such as the growing of field crops, the raising of livestock and the production of milk, wool and eggs. Establishments rendering agricultural services such as harvesting, baling, threshing and spraying are also classified under this major division. Also included are establishments engaged in commercial hunting and game propagation and forestry, logging and fishing.

#### **DIVISION 11: AGRICULTURE, HUNTING AND RELATED SERVICES**

##### **111 Growing of crops; market gardening; horticulture**

##### **1111 Growing of cereals and other crops n.e.c.**

This group includes the growing of temporary and permanent crops:

The growing of cereal grains such as rice, wheat and maize (except sweetcorn); cassava, sugar beet, sugar cane or grain sorghum.

The growing of tobacco, including its preliminary processing.

The growing of oil seeds or oleaginous fruit and nuts, including sunflower seeds, peanuts or soya beans.

The production of seeds of a kind used for sowing and of sugar beet and forage plants (including grasses).

The growing of hop cones, chicory roots or roots and tubers with a high starch or inulin content.

The growing of cotton or other vegetable textile materials and the retting of plants containing vegetable textile fibres (jute, flax, coir), the growing of plant materials for plaiting, padding or stuffing or for brushes or brooms.

The growing of rubber trees, the harvesting of latex and treatment on the plantation of the liquid latex for the purposes of transport or preservation.

The production of dried leguminous vegetables such as peas and beans.

The growing of plant materials used chiefly in pharmacy or for insecticidal, fungicidal or similar purposes.

The growing of crops not elsewhere classified.

##### **Exclusions:**

The growing of the following crops is classified under group 1112 (Growing of vegetables, horticultural specialities and nursery products): Vegetables or melons, horticultural specialities, flowers or the production of seeds for sowing plants valued chiefly for flowers or vegetables.

The growing of the following is classified under group 1113: Fruit, nuts, beverage and spice crops.

The gathering of forest products and other wild growing materials, such as cork, resins and balsams, is classified under major group 121 (Forestry and related services).

##### **1112 Growing of vegetables, horticultural specialities and nursery products**

This group includes the growing of the following crops, in the open or under cover: The growing of vegetables, melons or watermelons including sweetcorn, potatoes and sweet potatoes, the growing or gathering of mushrooms or truffles, olives, capers, marrows, pumpkins, fruits of the genus capsicum or pimenta or fennel, parsley, chervil, tarragon, cress or sweet marjoram.

The growing of fruit-bearing vegetables, e.g. cucumbers, tomatoes, etc.

The growing of flowers or flower buds.

The growing or production of horticultural specialities, including seeds for flowers, fruit or vegetables; unrooted cuttings or slips; bulbs, tubers, tuberous roots, corms, crowns or rhizomes.

Growing of seedlings.

The growing of living plants for planting or ornamental purposes.

Exclusions:

The growing of the following is classified under group 1111 (Growing of cereals and other crops n.e.c.):

Grains, oleaginous crops; vegetable textile materials; tobacco; chicory roots, roots and tubers with a high starch or inulin content; sugar beet, forage crops or grasses.

The growing of the following crops is classified under group 1113 (Growing of fruit, nuts, beverage and spice crops): Fruit, nuts or spice crops; coffee, cocoa beans, tea or maté.

Except as otherwise specified, the gathering of wild materials is classified under major group 12 (Forestry, logging and related services).

The operation of tree nurseries is also classified under major group 121. Nurseries mainly engaged in trading are classified under subgroup 62399 (Retail trade by other specialised stores).

1113 Growing of fruit, nuts, beverage and spice crops

This group includes the growing of fruit: Citrus; subtropical fruit and soft fruit such as apples, pears, peaches and grapes; small fruit such as berries; other fruit such as avocados, grapes, guavas, dates or bread-fruit.

The drying of fruit undertaken in conjunction with the growing thereof, is included.

The manufacture of wine when done at the same location as where the grapes are grown is included.

The growing of edible nuts, including coconuts.

The growing of beverage crops such as coffee or cocoa beans; tea or maté leaves.

The drying and packing of tea undertaken in conjunction with the growing thereof, is included.

The growing of spice crops, including spice leaves (e.g. bay, thyme, basil); spice seeds (e.g. anise, coriander, cumin); spice flowers (e.g. cinnamon); spice fruit (e.g. cloves); or other spices (e.g. nutmeg, ginger).

Exclusions:

The growing of nuts used mainly for oil extraction, is classified under group 1111 (Growing of cereals and other crops n.e.c.).

The growing of hop cone and chicory root is also classified under group 1111.

The growing of fruit-bearing vegetables is classified under group 1112 (Growing of vegetables, horticultural specialities and nursery products).

The growing of fresh "peppers" and certain vegetables such as parsley and tarragon, is also classified under group 1112.

The process of preparing crops for the market on a fee or contract basis is classified under group 1140 (Agricultural and animal husbandry services, except veterinary activities).

Except as otherwise specified, the gathering of wild fruit, nuts and flowers is classified under group 1210 (Forestry and related services).

The manufacture of cocoa is classified under group 3043 (Manufacture of cocoa, chocolate and sugar confectionery).

The processing of coffee or tea leaves and the manufacture of spices are classified under group 3049 (Manufacture of other food products n.e.c.).

The manufacture of wines from grapes, not produced by the same unit is classified under group 3051 (Distilling, rectifying and blending of spirits; ethyl alcohol production from fermented materials; manufacture of wines).

## 112 Farming of animals

### 1121 Farming of cattle, sheep, goats, horses, asses, mules and hinnies; dairy farming

This group includes the farming of domestic animals such as beef cattle, sheep, goats, horses, asses, mules or hinnies.

Stud-farming and the provision of feedlot services for such animals.

The production of raw milk and bovine semen.

The production of butter, cheese and other dairy products undertaken in conjunction with farming activities, is included.

Sheep-shearing by the sheep owner.

Livestock speculators whose main income is derived from livestock speculation.

#### Exclusions:

Animal boarding, care and breeding are classified under group 1140 (Agricultural and animal husbandry services, except veterinary activities).

Sheep-shearing on a fee or contract basis is also classified under group 1140.

The operation of stockyards that provide pens, feed and selling areas for livestock held temporarily, either pending sale or in transit or from the market, is included under group 7413 (Other supporting transport activities).

Pulled wool is a by-product of slaughterhouse operations, which are classified under group 3011 (Production, processing and preserving of meat and meat products).

The processing of milk outside the farm is classified under group 3020 (Manufacture of dairy products).

### 1122 Other animal farming; production of animal products n.e.c.

This group includes the raising of domesticated animals, other than those of group 1121, e.g. swine and poultry.

The raising in captivity of semi-domesticated or wild animals including birds, reptiles, insects, rabbits and mink.

The production of furskins, reptile or bird skins from ranching operation.

The breeding of dogs, cats, worms, land molluscs and frogs.

The production of live animal products such as eggs, honey and silkworm cocoons.

The operation of poultry hatcheries.

The slaughtering of poultry undertaken in conjunction with farming is included.

#### Exclusions:

Game farming is classified under subgroup 11510 (Game propagation).

The production of hides and skins originating from (a) game propagation and hunting and trapping is classified under group 1151 (Game propagation) and group 1152 (Hunting and trapping, including related services), respectively; (b) slaughterhouses is classified under group 3011 (Production, processing and preserving of meat and meat products).

The operation of fish farms and fish hatcheries is classified under group 1320.

113 1130 Growing of crops combined with farming of animals (mixed farming)

This group includes crop growing in combination with the farming of animals such as sheep or beef cattle at mixed activity units with a specialisation ratio in either one of less than 66 per cent.

Exclusions:

Mixed cropping or mixed livestock units are classified according to their main activity.

114 1140 Agricultural and animal husbandry services, except veterinary activities

This group includes specialised services on a fee or contract basis, mostly performed on the farm.

Farming development and orchard and field preparation such as deforestation and the fallowing of land.

Providing agricultural machinery with drivers and crew, activities establishing a crop, promoting its growth or protecting it from disease and insects.

Harvesting and related activities such as the preparation of the crop for primary markets by cleaning, trimming, grading, drying, decorticating, retting, cooling or bulk packaging.

Cotton ginning. Transplantation of rice in rice fields.

Activities of farm labour contractors.

Landscape gardening and planning and design in connection with planting, stocking, trimming, supervising, lawn and garden installation and maintenance and tree surgeons' activities (for the care of ornamental trees and shrubs).

The operation of irrigation systems for agricultural purposes.

Pest destroying and spraying.

Animal boarding, care and breeding.

Activities to promote the propagation, growth and output of animals and to obtain animal products.

Activities such as artificial insemination, herd testing, droving, agistment, poultry caponising, coop cleaning, manure gathering, etc. Also sheep-dipping and shearing, egg-cleaning and grading, animal skinning and related activities. Activities carried on for special farm operators such as reptile farms but excluding fish farms.

Exclusions:

The provision of feedlot services is classified under major group 112 (Farming of animals).

Service activities to promote commercial hunting and trapping are classified under major group 115 (Hunting, trapping and game propagation, including related services).

The preparation of vegetable fibres for textile use is classified under group 3111 (Preparation and spinning of textile fibres; weaving of textiles).

The marketing activities of commission merchants and co-operative associations are classified under division 61 (Wholesale trade and commission trade, except of motor vehicles and motor cycles).

The erection of fences and windmills, the drilling of water boreholes and the building of dams are classified under division 5 (Construction).

Activities of agronomists and agricultural economists are classified under group 8814 (Business and management consultancy activities).

Landscape architecture is classified under group 8821 (Architectural and engineering activities and related technical consultancy).

Veterinary activities are classified under subgroup 93200 (Veterinary activities).

The renting of agricultural machinery and equipment without drivers is included in group 8521 (Renting of agricultural machinery and equipment).

The transportation of farm products is classified under main group 7 (Transport, storage and communication).

The operation of horse-racing stables is classified under 9641 (Sporting activities).

Pest control in households and commercial and industrial units are classified under group 8893 (Building and industrial plant cleaning activities).

The packing of agricultural products in retail packing on a fee or contract basis is classified under subgroup 88950 (Packaging activities).

Agricultural and livestock research are classified under subgroup 87120 (Agricultural and livestock research).

115 Hunting, trapping and game propagation, including related services

1151 Game propagation

This group includes game propagation and game farming.

1152 Hunting and trapping, including related services

This group includes hunting and trapping on a commercial basis. The taking of animals, dead or alive, for food, fur, skin, or for use in research, in zoos or as pets. The catching of sea mammals, e.g. walruses and seals and the gathering of penguin eggs.

The production of furs and reptile or bird skins from hunting and trapping activities.

Services to promote commercial hunting and trapping.

Exclusions:

The production of furs and reptile or bird skins from ranching operations is classified under group 1122 (Other animal farming, production of animal products n.e.c.).

The production of hides and skins from slaughterhouses is classified under group 3011 (Production, processing and preserving of meat and meat products).

Service activities related to hunting practised for sport or recreation are classified under subgroup 96410 (Sporting activities).

116 1160 Production of organic fertilizer

The manufacture of organic fertilizer such as compost.

DIVISION 12: FORESTRY, LOGGING AND RELATED SERVICES

1210 Forestry and related services

The operation of timber plantations, including wattle plantations and forest tree nurseries; the planting, replanting and conservation of forests; the gathering of uncultivated materials, such as gums and resins, wild rubber, saps, barks, herbs, wild fruits and flowers, mosses, leaves, needles, reeds and roots; the concentrating and distilling of sap; and charcoal burning when carried on in the forest.

Forestry services: Timber cruising, timber evaluation, firefighting and forest management, including afforestation and reforestation.

Exclusions:

The growing of trees for natural rubber latex is classified under group 1111 (Growing of cereals and other crops n.e.c.).

The growing and gathering of mushrooms or truffles are classified under group 1112 (Growing of vegetables, horticultural specialities and nursery products).

Activities producing berries or edible nuts are classified under group 1113 (Growing of fruit, nuts, beverage and spice crops).

Charcoal burning not carried out in the forest is classified under subgroup 32109 (Other mill products including wattle bark grinding and compressings).

1220 Logging and related services

Logging camps, logging contractors and loggers primarily engaged in cutting timber and in producing rough, round hewn, or riven forest or wood raw materials.

Logging service activities: The transport of logs in association with logging mainly within the forest.

Exclusion:

Independent contractors who are engaged in trucking timber, but who perform no cutting operations, are classified under subgroup 71239 (Other freight transport by road).

DIVISION 13: FISHING, OPERATION OF FISH HATCHERIES AND FISH FARMS

131 1310 Ocean and coastal fishing

Commercial fishing in ocean, coastal or inland waters. Whaling. The taking of marine or freshwater crustaceans and molluscs. The hunting of aquatic animals, such as turtles, sea-squirts and other tunicates, sea urchins or other echinoderms and other aquatic invertebrates. The gathering of marine materials such as natural pearls, sponges, coral and algae.

The processing of fish, crustaceans and molluscs aboard the fishing boats.

Service activities related to marine and freshwater fisheries.

Exclusions:

Frog farming is classified under group 1122 (Other animal farming; production of animal products n.e.c.).

The processing of fish, crustaceans and molluscs not connected with fishing, i.e. on vessels or in factories ashore, is classified under group 3012 (Processing and preserving of fish and fish products).

The making and mending of nets is classified under subgroup 31230 (Manufacture of cordage, rope, twine and netting).

The repair of fishing boats is classified under subgroup 38410 (Building and repairing of ships).

Service activities related to fishing practised for sport or recreation are classified under subgroup 96490 (Other recreational activities).

Seal hunting is classified under group 1152 (Hunting and trapping including related services).

132 1320 Fish hatcheries and fish farms

The operation of fish hatcheries producing oyster spat, mussel and other mollusc seeds, lobsterlings, post-larvae shrimp and other crustacean seeds and fish fry and fingerlings.

The growing of laver and other edible seaweeds.

Fish farming, the breeding, rearing and cultivation of oysters for pearls or food.

Service activities to operators of fish hatcheries or fish farms.

## **MAJOR DIVISION 2: MINING AND QUARRYING**

1. Mining and quarrying is used here in a broad sense to include the extracting, dressing and beneficiating of minerals occurring naturally, for example solids such as coal and ores; liquids such as crude petroleum and gases such as natural gas. Mining includes underground and surface mines, quarries and the operation of oil and gas wells and all supplemental activities for dressing and beneficiating ores and other crude materials such as crushing, screening, washing, cleaning, grading, milling, flotation, melting, pelleting, topping and other preparation needed to render the material marketable. Reclamation of minerals from mine dumps and worked out mines is included.

2. Mining activities are classified into divisions, major groups, groups and subgroups on the basis of the principal mineral produced.

### **3. Exclusions:**

The bottling of natural spring and mineral waters at springs and wells is classified under group 3053 (Manufacture of soft drinks and mineral waters).

The crushing, grinding or otherwise treating certain earths, rocks and minerals not undertaken in conjunction with mining and quarrying is included under group 3429 (Manufacture of other non-metallic mineral products n.e.c.).

The collection, purification and distribution of water are classified under group 4200.

The prospecting for minerals on a fee or contract basis is classified under subgroup 88215 (Geological and prospecting activities on a fee or contract basis) whilst prospecting undertaken by mines is included.

## **DIVISION 21: MINING OF COAL AND LIGNITE**

### **210 2100 Mining of coal and lignite**

Mines primarily engaged in producing anthracite, bituminous coal, brown coal and lignite; and coal crushing, pulverising, cleaning, screening and sizing plants, whether or not operated in conjunction with the mines served. Also included are the manufacture of coke and the agglomeration of coal and lignite into briquettes, and other compressed fuels at mining sites. The manufacture of coal briquettes and other packaged fuels from purchased coal or lignite is classified under subgroup 33100 (Manufacture of coke oven products). Coke ovens operated on coal mines are included.

### **Exclusions:**

Work performed to develop or prepare properties for mining coal is classified under group 5010 (Site preparation).

The mining of coal and lignite on a fee or contract basis is classified under subgroup 29000 (Service activities incidental to mining of minerals).

## **DIVISION 22: EXTRACTION OF CRUDE PETROLEUM AND NATURAL GAS; SERVICE ACTIVITIES INCIDENTAL TO OIL AND GAS EXTRACTION, EXCLUDING SURVEYING**

### **221 2211 Extraction of crude petroleum and natural gas**

This subgroup includes the extraction of crude petroleum oils and bituminous minerals, i.e. natural products, whatever their composition, whether obtained by extraction using oil wells from normal or condensation oil-deposits or by the mining of bituminous minerals. Included may be the following processes in order to obtain crude oils: Decantation; desalting; dehydration; stabilisation; the elimination of very light fractions; any other minor processes, provided they do not change the essential character of the product. The production of crude gaseous hydrocarbon (natural gas). The operation of mines containing bituminous or oil shale or tar sands for the same purpose. Such operations include the drilling, completing and equipping of wells when not performed on a fee or contract basis. The liquefaction and regasification of natural gas for purposes of transport and the production at the mining site of liquefied hydrocarbons from oil or gas field gases are also included.

Exclusions:

Oil and gas extraction service activities when done on a fee or contract basis are classified under subgroup 22120 (Service activities incidental to oil and gas extraction, excluding surveying).

The production of refined petroleum products or the recovering of liquefied petroleum gases in the refining of petroleum are classified under major group 332 (Petroleum refineries/synthesisers).

The manufacture of industrial gases is classified under subgroup 33410 (Manufacture of basic chemicals, except fertilizers and nitrogen compounds). The operation of pipelines for the transport of oil or natural gas is classified under subgroup 71300 (Transport via pipelines).

Oil and gas well exploration are classified under group 8821 (Architectural and engineering activities and related technical consultancy).

2212 Service activities incidental to oil and gas extraction, excluding surveying

This subgroup includes oil and gas field service activities provided on a fee or contract basis including directional drilling and redrilling; "spudding in"; derrick building, repairing and dismantling; cementing oil and gas well casings; pumping wells; plugging and abandoning wells and other service activities.

Exclusions:

Service activities performed by operators of oil and gas fields are classified under subgroup 22110 (Extraction of crude petroleum and natural gas).

Oil and gas field exploration and geophysical, geological and seismic surveying are classified under group 8821 (Architectural and engineering activities and related technical consultancy).

DIVISION 23: MINING OF GOLD AND URANIUM ORE

230 2300 Mining of gold and uranium ore

The mining of gold and uranium ore and the dressing, beneficiating and otherwise preparing of such ores. Gold tailings, clean-up works, alluvial gold mining and the reclamation of gold from mine dumps are included. Gold mines also produce sulphuric acid and mine iron pyrites for this purpose as a by-product of gold mining.

Exclusions:

The refining of gold on a fee or contract basis by establishments not engaged in mining is classified under Manufacturing in subgroup 35201 (Refining of precious metals e.g. gold, silver, platinum).

DIVISION 24: MINING OF METAL ORES, EXCEPT GOLD AND URANIUM

24 Mining of metal ores, except gold and uranium

241 2410 Mining of iron ore

Mines engaged in the extraction of iron ore, titaniferous iron ore, magnetite and iron sand, and in beneficiating and otherwise preparing such ores.

Exclusions:

Pyrite and pyrrhotite mining is classified under subgroup 25319 (Other chemical and fertilizer mineral mining).

242 Mining of non-ferrous metal ores, except gold and uranium

The mining of other metal ores such as chrome, copper, manganese, platinum group metals, zinc, aluminium, lead, nickel, tin, silver, ferro-alloys (cobalt, molybdenum, tantalum or vanadium) and the dressing, beneficiating and otherwise preparing of such ores.



## DIVISION 25: OTHER MINING AND QUARRYING

### 251 Stone quarrying, clay and sand-pits

The extraction from the earth of building and monumental stone (including slate); ceramic,

refractory and other clay and all sand and gravel. The following are included: Bentonite, Dwyka tillite, flint clay, fire clay, Fuller's earth, granite and wonderstone, ironstone, dolomite, kaolin, limestone, gypsum, marble, quartzite, norite, silica, shales for cement, sandstone, serpentine, slate, silcrete and sand. Also included are limeworks and stone crushing works, whether situated at quarry sites or not.

#### Exclusions:

The mining of materials mainly for chemical content is classified under group 2531 (Mining of chemical and fertilizer minerals).

Salt mining is classified under subgroup 25320 (Extraction and evaporation of salt).

Other non-metallic mineral mining is classified under subgroup 25399 (Other minerals and materials n.e.c.).

Mining of natural asphalt or bitumen is also classified under subgroup 25399.

The extraction of clay undertaken in conjunction with the manufacture of pottery, china and earthenware and the manufacture of structural clay products is included under major group 342 (Manufacture of non-metallic mineral products n.e.c.). Apart from the above exceptions, shaping or pulverising, grinding or otherwise treating stone, gravel, clay or sand, when not undertaken in conjunction with extraction or quarrying activities, are also classified under major group 342.

### 252 2520 Mining of diamonds (including alluvial diamonds)

Mines and alluvial diggings engaged in the extraction of diamonds.

#### Exclusions:

The cutting and polishing of diamonds is classified under subgroup 39212 (Diamond cutting and polishing) and the manufacture of synthetic diamonds under subgroup 33290 (Other petroleum and coal products, n.e.c.).

### 253 Mining and quarrying n.e.c.

#### 2531 Mining of chemical and fertilizer minerals

The mining and quarrying of phosphate and nitrate minerals, fluorspar, sulphur ores and natural sulphur, potash, sodium and borate minerals, barytes, pyrites, pyrrhotites, arsenic, strontium and lithium minerals and mineral pigments. Guano mining is included.

#### Exclusions:

Salt mining is classified under subgroup 25320 (Extraction and evaporation of salt). Manufacture of synthetic fertilizers and nitrogen compounds is classified under major group 334.

#### 2532 Extraction and evaporation of salt

Quarrying rock salt and evaporating salts in salt pans (which includes the reclamation of salt from sea water), including crushing, screening and refining.

#### Exclusions:

The refining of salt for edible purposes in establishments not engaged in extraction or quarrying of salt is classified under subgroup 33591 (Manufacture of eatable salt). Potable water production by solar evaporation of sea water or other natural brines is classified under major group 420 (Collection, purification and distribution of water).

#### 2539 Other mining and quarrying n.e.c.

25391 Mining of precious and semi-precious stones, except diamonds

Mines and alluvial diggings engaged in the extraction of precious stones (except diamonds) and semi-precious stones such as emerald crystals and tiger's eye.

Exclusions:

The cutting and polishing of precious and semi-precious stones is classified under subgroup 39212 (Other precious and semi-precious stone cutting and polishing).

25392 Asbestos

Mines engaged in the mining of asbestos.

25399 Other minerals and materials n.e.c.

The mining and quarrying of materials such as corundum; andalusite; sillimanite; feldspar; kieselguhr; magnesite; mica; quartz; natural abrasives other than sand; graphite; talc and soapstone; asphalt and bitumen; vermiculite and all other non-metallic minerals, not elsewhere classified.

Exclusions:

The milling, grinding, pulverising and otherwise treating of these minerals when not undertaken in conjunction with the extraction or quarrying are classified under Division 34 (Manufacture of other non-metallic mineral products).

**DIVISION 29: SERVICE ACTIVITIES INCIDENTAL TO MINING OF MINERALS**

290 29000 Service activities incidental to mining of minerals

This division includes mineral mining service activities provided on a fee or contract basis for mines, e.g. the removal of coal by sub-contractors on behalf of coal mines.

Exclusions:

Oil and gas extraction service activities when done on a fee or contract basis are classified under subgroup 22120 (Service activities incidental to oil and gas extraction excluding surveying).

Work performed to develop or prepare properties for mining coal is classified under group 5010 (Site preparation).

**MAJOR DIVISION 3: MANUFACTURING**

1. Manufacturing is defined as the physical or chemical transformation of materials or compounds into new products, whether the work is performed by power-driven machines or by hand, whether it is done in a factory or in the worker's home and whether the products are sold wholesale or retail. The assembly of products from component parts is considered to be Manufacturing, except in cases where the activity is appropriately classified under Construction.

2. The assembly and installation of machinery and equipment in mining, manufacturing, commercial and other business establishments is classified under the same group of Manufacturing as the manufacture of the item installed. Excluded is the assembly on site of prefabricated, integral parts of bridges, water tanks, storage and warehouse facilities, railway and elevated pedestrian bridges, and lift, escalator, plumbing, sprinkler, central heating, ventilating, air-conditioning, lighting and electrical wiring systems for buildings and mines and all kinds of structures which are construction activities if undertaken as a specialised activity. Establishments specialising in the installation of household appliances, such as stoves and ranges, refrigerators, washing machines and driers, are classified under the appropriate retail trade group.

3. The manufacture of specialised components and parts of and accessories and attachments to machinery and equipment is, as a general rule, classified under the same group as the manufacture of the machinery and equipment for which the parts and accessories are intended. However, the making of specialised components and accessories by moulding or extruding plastic materials is included in subgroup 33800 (Manufacture of plastic products). The manufacture of unspecialised components and parts of machinery and equipment, e.g. engines, pistons, electric motors, electrical assemblies, valves, gears and roller bearings, is classified under the appropriate group of

Manufacturing, without regard to the machinery and equipment in which these items may be included.

4. The classification of repair work is discussed in detail in the introduction to this manual. Specialised repair shops are classified under the same division of the SIC as establishments in which the major part of that kind of repair work is carried on. Establishments primarily engaged in the repair of ships, aircraft, railway equipment, factory equipment and furniture are classified under Manufacturing. Motor engineers, i.e. establishments primarily engaged in motor engineering repair work for the motor trade, are also classified under Manufacturing (subgroup 38302 - Activities of specialised automotive engineering workshops working primarily for the motor trade).

5. The irradiation of products is classified under the same group of Manufacturing as the manufacture or processing of the products irradiated, e.g. the irradiation of fresh or processed vegetables and fruit is classified under group 3013 (Processing and preserving of fruit and vegetables) and the irradiation of medical and surgical equipment under group 3741 (Manufacture of medical and surgical equipment and orthopaedic appliances).

6. Packaging activities done for others on a fee or contract basis are classified under group 8895 (Packaging activities) major group 889 (Business activities n.e.c.).

#### DIVISION 30: MANUFACTURE OF FOOD PRODUCTS, BEVERAGES AND TOBACCO PRODUCTS

##### 301 Production, processing and preservation of meat, fish, fruit, vegetables, oils and fats

##### 3011 Production, processing and preserving of meat and meat products

This group includes the operation of slaughterhouses, killing, dressing or packing meat of cattle, hogs, sheep, goats, horses, poultry, rabbits, game or other animals. Included is the processing of whales on land or on vessels specialised for this work.

The production of fresh, chilled or frozen meat or poultry.

Preservation and preparation of meat and meat products by such process as drying, smoking, salting, quick-freezing, immersing in brine or canning. Sausage production and manufacture of natural sausage casings is included.

Rendering and refining of lard or other edible animal fats.

Production of meat meals or meat offal, packed meat pies and biltong.

Slaughtering includes the production of by-products such as raw hides and skins, pulled wool, feathers or down, teeth or bones.

##### Exclusions:

The manufacture of extracts of meat and soup containing meat is classified under group 3049 (Manufacture of other food products n.e.c.).

The rendering of inedible animal fats and oils is included in group 3014 (Manufacture of vegetable and animal oils and fats).

Synthetic sausage casings are classified under group 3380 (Manufacture of plastic products).

The slaughtering of poultry undertaken in conjunction with poultry farming is classified under group 1122 (Other animal farming; production of animal products n.e.c.).

##### 3012 Processing and preserving of fish and fish products

This group includes the preserving of fish and fish products by processes such as drying, smoking, curing, salting, immersing in brine, dehydrating, quick-freezing or canning, and the production of fresh, chilled or frozen fish fillets or roe, including caviar and caviar substitutes. The production of frozen fish, including fish which has been cut up, minced or ground into flour for human consumption.

The production of fermented fish, fish paste or fish balls. The production of fish-meal for human consumption or animal feed.

The preserving of crustaceans or molluscs by freezing or by other means such as drying, smoking, salting, immersing in brine, cooking in sauces or immersing in vinegar. The production of meal and solubles from fish, crustaceans and molluscs and other aquatic animals unfit for human consumption.

Activities of vessels engaged in processing and preserving fish, crustaceans and molluscs are also classified here.

Exclusions:

Fishing and the processing of the catch aboard the fishing-boats are classified under group 1310 (Ocean and coastal fishing).

The processing of whales on land or on special vessels is classified under group 3011 (Production, processing and preserving of meat and meat products).

The production of oils and fats from marine materials (except whales) is classified under group 3014 (Manufacture of vegetable and animal oils and fats).

The manufacture of soup containing fish, crustaceans or molluscs is classified under subgroup 3049 (Manufacture of other food products n.e.c.).

3013 Processing and preserving of fruit and vegetables

This group includes the manufacture of food consisting mainly of fruit or vegetables.

The preserving of cooked or uncooked fruit or vegetables by freezing, including the preparation or preserving of fruit or vegetable juices.

Preserving by other means such as dehydration, drying, immersing in oil or in vinegar.

The processing of potatoes.

The manufacture of prepared meals or vegetables.

The manufacture of potato flour and meal.

The preserving of fruit and vegetables by canning.

The manufacture of jams, marmelades or jellies.

Exclusions:

The manufacture of flour or meal of dried leguminous vegetables is classified under group 3031 (Manufacture of grain mill products).

The manufacture of soups of vegetables and fruit is classified under group 3049 (Manufacture of other food products n.e.c.).

3014 Manufacture of vegetable and animal oils and fats

This group includes the manufacture of oils and fats from vegetable or animal materials, except the rendering and refining of lard and other edible animal fats. The manufacture of whale oil. The extraction of oils from fish or fish liver. The production of vegetable oils, including oils from nuts or olives.

The production of cake or meal, or other residual products of oil production.

The production of non-defatted flour or meal of oil-seeds, oil nuts or oil kernels.

The production of partly hydrogenated oils; the production of margarine or other table oils or cooking fats.

The production of cotton seed oil includes cotton linters as a by-product.

Exclusions:

The rendering and refining of lard and other edible animal fats are classified under group 3011 (Production, processing and preserving of meat and meat products).

Wet grain milling is classified under group 3032 (Manufacture of starches and starch products).

The production of maize oil is also classified under group 3032.

The treatment of oils and fats by chemical processes is classified under group 3359 (Manufacture of other chemical products n.e.c.).

302 3020 Manufacture of dairy products

This group includes milk processing, the grading, filtering, testing or chilling of fresh, liquid full cream milk or cream, separating cream from milk, the pasteurising, sterilising, homogenising, peptonising or humanising of milk, the freezing or whipping of cream, milk concentrating, fermenting, "culturing", the production of milk or cream in solid form, i.e. in blocks, powder or granules.

The production of natural butter or butter that has been dehydrated, resolidified or made rancid.

The production of cheese or curd: Fresh, ripened, hard or processed cheese.

The production of whey: Fresh, concentrated or dry.

The production of yoghurt, ice cream and other edible ice, whether containing cream or chocolate or not.

The production of casein or lactose.

Exclusions:

The production of raw milk is classified under group 1121 (Farming of cattle, sheep, goats, horses, asses, mules and hinnies; dairy farming).

The manufacture of margarine is classified under group 3014 (Manufacture of vegetable and animal oils and fats).

The bottling on a fee or contract basis of fresh milk for retail distribution is classified under subgroup 88950 (Packaging activities).

The bottling of fresh milk by retailers for retail distribution is classified under subgroup 62209.

303 Manufacture of grain mill products, starches and starch products and prepared animal feeds

3031 Manufacture of grain mill products

This group includes grain milling: Flour, groats, meal or pellets of wheat, rye, oats, maize or other cereal grains.

Rice milling: Husked, milled, polished, glazed, parboiled or converted. The production of rice flour.

Vegetable milling: Flour or meal of dried leguminous vegetables, of roots or tubers, or of edible nuts.

The manufacture of breakfast foods obtained by roasting or swelling cereal grains or by rolling, pearling, flaking or polishing grains.

Exclusions:

The manufacture of potato flour and meal is classified under group 3013 (Processing and preserving of fruit and vegetables).

Wet corn milling is classified under group 3032 (Manufacture of starches and starch products).

Prepared feeds for animals and poultry are classified under group 3033 (Manufacture of prepared animal feeds).

3032 Manufacture of starches and starch products

This group includes the manufacture of starches: Starches made from maize, rice, other grains, potatoes, manioc or other vegetable materials.

Wet grain milling.

The manufacture of glucose and glucose syrup, maltose.

The manufacture of gluten is included.

The manufacture of tapioca and tapioca substitutes prepared from starch.

The production of maize oil.

Exclusions:

The manufacture of potato flour and meal is classified under group 3013 (Processing and preserving of fruit and vegetables).

The manufacture of milk sugars (lactose) is classified under group 3020 (Manufacture of dairy products).

The processing of sugar cane or the production of sucrose sugar in refineries is classified under group 3042 (Manufacture of sugar, including golden syrup and castor sugar).

The manufacture of artificial honey, caramel and inulin is classified under group 3049 (Manufacture of other food products n.e.c.).

3033 Manufacture of prepared animal feeds

This group includes the production of prepared pet foods: Preparations consisting of mixtures of materials or of materials specially treated or packaged to make them suitable as feed for dogs, cats, birds, fish or other pet animals.

The manufacture of prepared feeds mainly for farm animals, including pre-mixes or feed concentrates, sweetened fodder or feed supplements.

Exclusions:

The production of fish-meal for animal feed is classified under group 3012 (Processing and preserving of fish and fish products).

Activities which result in the production of by-products useful as animal feed without special treatment or further processing are classified under those industries in which the by-products occur, e.g. the production of oil-seed cake is classified under group 3014 (Manufacture of vegetable and animal oils and fats) and the production of grain milling residues is classified under group 3031 (Manufacture of grain mill products).

304 Manufacture of other food products

3041 Manufacture of bakery products

This group includes the manufacture of fresh, frozen or dry bakery products: Fresh bread or rolls. Pastry, cakes, pies, tarts or other fine bakers' wares. Biscuits and other dry bakery products.

Exclusions:

The manufacture of dry, fresh or cooked farinaceous products of the kind known as pastas is classified under group 3044 (Manufacture of macaroni, noodles, couscous and similar farinaceous products).

The production of packed meat pies is classified under group 3011 (Production, processing and preserving of meat and meat products).

3042 Manufacture of sugar, including golden syrup and castor sugar

This group includes the production of cane or beet sugar: Raw cane sugar, refined cane or beet sugar, syrup made of beet or cane sugar, other sugars and sugar syrups (e.g. maple sugar, invert sugar, palm sugar, castor sugar). The production of molasses.

Exclusions:

The manufacture of glucose and other sugars made from starches is classified under group 3032 (Manufacture of starches and starch products).

3043 Manufacture of cocoa, chocolate and sugar confectionery

This group includes manufacture of cocoa in the form of paste, powder or blocks. The manufacture of cocoa butter, fat or oil.

The manufacture of chocolate or other chocolate preparations.

The manufacture of sugar confectionery such as boiled sweets, toffees, marshmallows, fudge, caramels, cachous, nougat, fondants and white chocolate. The manufacture of chewing gum.

The preserving of fruit, nuts, fruitpeels and other parts of plants in sugar.

Exclusions:

The production of solid or liquid sucrose sugar is classified under group 3042 (Manufacture of sugar including golden syrup and castor sugar).

Nut roasting and the manufacture of salted nuts and popcorn is classified under group 3049 (Manufacture of other food products n.e.c.).

3044 Manufacture of macaroni, noodles, couscous and similar farinaceous products

This group includes the manufacture of uncooked farinaceous products: Spaghetti, macaroni, noodles or other pasta products shaped for use in the preparation of lasagne, cannelloni, ravioli, etc.

Manufacture of couscous. Manufacture of stuffed pasta, whether or not cooked.

Manufacture of other cooked pasta products. Manufacture of canned or frozen pasta products.

Exclusions:

The manufacture of soup, in particular dry or powdered soups containing pasta, is classified under group 3049 (Manufacture of other food products n.e.c.).

3049 Manufacture of other food products n.e.c.

This group includes roasting, grinding and decaffeinating of coffee. The manufacture of coffee substitutes containing coffee.

The manufacture of extracts, essences of concentrates of coffee and preparations with a basis of these products.

The roasting and grinding of chicory and the preparation of other roasted coffee substitutes and their essences, extracts or concentrates.

The manufacture of tea or maté extracts, essences or concentrates or preparation with a basis of these essences, extracts or concentrates or with a basis of tea or maté. Rooibos tea is included.

The production of liquid, powdered or frozen whole eggs, egg whites, egg yolks, reconstituted eggs and preserved eggs.

The production of foods for infants or for invalids which contain homogenised ingredients including meat, fish, fruit, vegetables, milk or malt extracts.

The roasting of nuts or the manufacture of nut foods and pastes.

The manufacture of artificial honey, caramel and inulin.

The manufacture of soup in liquid, powder or solid form, including frozen soup and soup tablets.

The manufacture of soup containing meat, fish, crustaceans, molluscs or pasta.

The manufacture of tartaric materials, baking powder, custard, pudding-powders and flavoured cool drink powders.

The manufacture of spices, sauces and condiments including mustard or mustard flour.

The manufacture of vinegar, yeast or other food products not elsewhere classified, including extracts and juices of meat, fish, crustaceans or molluscs.

The manufacture of pre-cooked meals for resale.

Exclusions:

The growing of spice crops is classified under group 1113 (Growing of fruit, nuts, beverage and spice crops). Activities of tea factories associated with tea plantations are also classified under group 1113.

Manufacture of edible salt is classified under subgroup 33591 (Manufacture of edible salt).

304 Manufacture of beverages

3051 Distilling, rectifying and blending of spirits; ethyl alcohol production from fermented materials; manufacture of wine

This group includes the manufacture of distilled, potable, alcoholic beverages such as whisky, rum, brandy, gin, prepared mixed drinks, liqueurs, cordials, liquors or other alcoholic beverages containing distilled ethyl alcohol.

The manufacture of compound alcoholic preparations of a kind used to make beverages. Ethyl alcohol production by processes involving the fermentation of vegetable materials and the distillation of the resulting liquors.

The production of neutral spirits.

This group also includes the manufacture of wine from grapes not grown by the same unit, including sparkling and flavoured wines.

The manufacture of fortified wine such as sherry and marsala is included.

The manufacture of other fermented but not distilled alcoholic beverages such as perry, cider, mead or sake.

Exclusions:

The manufacture of alcohol, except that which is included here, is classified under group 3341 (Manufacture of basic chemicals, except fertilizers and nitrogen compounds).

The growing of grapes and the manufacture of wine at the same location is classified under group 1113 (Growing of fruit, nuts, beverage and spice crops).

The brewing of malt liquors is classified under group 3052 (Manufacture of beer and other malt liquors and malt).

Merely bottling and labelling wines is classified under subgroup 61222 (Wholesale trade in beverages), if performed as a part of buying and selling at wholesale, and under group 8895 (Packaging activities) if performed on a fee or contract basis.



3052 Manufacture of beer and other malt liquors and malt

This group includes the manufacture of malt liquors such as beer, ale, porter and stout.

The manufacture of sorghum beer.

The manufacture of malt.

Exclusions:

Manufacture of yeast is classified under group 3049 (Manufacture of other food products n.e.c.).

Merely bottling and labelling malt liquors is classified under subgroup 61222 (Wholesale trade in beverages), if performed as a part of buying and selling at wholesale, and under group 8895 (Packaging activities), if performed on a fee or contract basis.

3053 Manufacture of soft drinks; production of mineral waters

This group includes the manufacture of non-alcoholic beverages commonly known as soft drinks.

The manufacture of soda water and of drinks flavoured with fruit juices, syrups, or other materials.

The production, i.e. bottling at the source, of spa, mineral or sea water.

Exclusions:

Merely bottling and labelling ordinary (tap) water or sea water is classified under subgroup 61222 (Wholesale trade in beverages) if performed as a part of buying and selling at wholesale, and under group 8895 (Packaging activities) if performed on a fee or contract basis.

The manufacture of fruit juices is classified under group 3013 (Processing and preserving of fruit and vegetables).

306 3060 Manufacture of tobacco products

This group includes the manufacture of tobacco products such as cigarettes or cigars, pipe tobacco, chewing tobacco or snuff.

The manufacture of homogenized or reconstituted tobacco.

Exclusions:

The growing and preliminary processing of tobacco leaves are classified under group 1110

(Growing of cereals and other crops n.e.c.).

DIVISION 31: MANUFACTURE OF TEXTILES, CLOTHING AND LEATHER GOODS

3111 Preparation and spinning of textile fibres; weaving of textiles

This group includes preparatory activities in respect of textile fibres such as the reeling and washing of silk, the degreasing, carbonising or fleece dyeing of wool, any other preparatory activities including the carding or combing of these fibres and of jute, sisal, flax or ramie, manilla hemp, coir or other animal or vegetable fibres and of all kinds of man-made fibres.

By-products are, besides waste, also products such as wool grease.

The production of garnetted stock is included in this group if done as part of an integrated production process.

The spinning or manufacture of yarn or thread for weaving or sewing, for retail sale, wholesale trade or further processing.

This yarn or thread may consist of any textile material, including mixtures. The manufacture of paper yarn is also included.

The weaving or manufacture of broad woven fabrics of all the above-mentioned materials, including their mixtures.

Also included are woven glass fabrics and the manufacture of special fabrics such as pile or chenille fabrics, terry towelling, gauze, etc.

Finishing work, such as bleaching, dyeing, calendering, napping, shrinking or printing are included, as long as it is done as part of the above-mentioned processes.

Exclusions:

Preparatory activities carried out in combination with agriculture or farming are classified under the appropriate group of division 11 (Agriculture, hunting and related services) or 12 (Forestry, logging and related services) according to the main activity.

The retting of plants containing vegetable textile fibres, such as jute, flax or coir is therefore classified under group 1111 (Growing of cereals and other crops n.e.c.).

Cotton ginning is classified under group 1140 (Agricultural and animal husbandry services, except veterinary activities).

The finishing of textiles of group 3111 by units not manufacturing such textiles is classified under group 3112 (Finishing of textiles).

The manufacture of textile floor covering is classified under group 3122 (Manufacture of carpets, rugs and mats).

The manufacture of narrow fabrics and special fabrics is classified under group 3129 (Manufacture of other textiles n.e.c.).

Knitting and crocheting is classified under group 3130 (Manufacture of knitted and crocheted fabrics and articles).

The manufacture of man-made fibres is classified under group 3360 (Manufacture of man-made fibres).

The manufacture of glass fibres is classified under major group 341 (Manufacture of glass and glass products).

The spinning of yarn of asbestos is classified under group 3429 (Manufacture of other non-metallic mineral products n.e.c.).

The production of garnetted stock as a separate activity is classified under group 3952 (Recycling of non-metal waste and scrap n.e.c.).

3112 Finishing of textiles

This group includes the finishing of textiles of group 3111 not made in the same unit by such activities as bleaching, dyeing, calendering, napping, shrinking or printing.

No distinction is to be made between these activities carried out on a fee or contract basis or by purchasing the materials and selling the finished products.

Exclusions:

The finishing of textiles produced in the same unit is classified under groups 3111 (Preparation and spinning of textile fibres; weaving of textiles), 3129 (Manufacture of other textiles n.e.c.) or 3130 (Manufacture of knitted and crocheted fabrics and articles), as appropriate.

312 Manufacture of other textiles

3121 Manufacture of made-up textile articles, except apparel

This group includes the manufacture of made-up articles of any textile material, including knitted or crocheted fabrics from fabrics not made in the same unit. It includes manufactured articles such as the following:

- Blankets, travelling rugs and all kinds of table or other household linen;

- made-up furnishing articles such as curtains, valances, blinds, bedspreads, some stuffed articles such as quilts, eiderdowns, cushions, pouffes, pillows and sleeping bags;
- tarpaulins, tents, camping goods, sails, sun blinds, loose covers for cars, machines or furniture;
- flags, banners, pennants;
- dustcloths, dishcloths, life jackets, etc.;
- parachutes; and
- bags and sacks.

The manufacture of hand-woven tapestry is included in this group.

The manufacture of the textile part of electric blankets is also classified under this group.

Exclusions:

If the articles characteristic of this group are produced in the same unit that makes the fabrics, then the activity is considered to be an ancillary activity of either weaving, group 3111 (Preparation and spinning of textile fibres; weaving of textiles), knitting or crocheting, group 3130 (Manufacture of knitted and crocheted fabrics and articles), or the manufacture of other textiles not elsewhere classified, group 3129.

The manufacture of textile articles for technical use is classified under group 3129 (Manufacture of other textiles n.e.c.).

Canvas prepared for use by painters is also classified under group 3129.

The manufacture and/or upholstery of seats for motor vehicles on request is classified under group 39103 (Manufacture of furniture)

The manufacturing and upholstering of seats for motor vehicles for the motor trade, regardless of the material used (textile, leather, etc.), is classified under subgroup 38309 (Manufacture of parts and accessories for motor vehicles and their engines).

3122 Manufacture of carpets, rugs and mats

This group includes the manufacture of textile floor covering either in the piece or made to measure such as -

- carpets, rugs and mats produced by weaving, tufting, braiding, flocking, needle punching, etc., from yarns of wool, cotton, man-made fibres, jute, coco coir, sisal and similar fibres.

Exclusions:

The manufacture of mats and matting of plaiting materials is classified under group 3229 (Manufacture of other products of wood; manufacture of articles of cork, straw and plaiting materials).

The manufacture of floor coverings of cork, rubber or plastic materials, even when textile backed is classified by primary materials under groups 3229 (Manufacture of other products of wood; manufacture of articles of cork, straw and plaiting materials), 3379 (Manufacture of other rubber products) or 3380 (Manufacture of plastic products), respectively.

The manufacture of linoleum and other hardsurfaced floor coverings is classified under group 3929 (Other manufacturing n.e.c.).

3123 Manufacture of cordage, rope, twine and netting

This group includes the manufacture of cordage, rope, twine and cables of textile fibres, whether or not impregnated, coated, covered or sheathed with rubber or plastics. It also includes the manufacture of netting of cordage, rope or twine and the manufacture of products of rope or netting such as made-up nets, fishing nets, ships' fenders, unloading cushions, loading slings, rope or cable fitted with metal rings.

Nets used in sport, included here, can, however, also be a characteristic product of activities classified under group 3923 (Manufacture of sports goods).

Exclusions:

The manufacture of hairnets is classified under group 3140 (Manufacture of wearing apparel, except fur apparel).

3129 Manufacture of other textiles n.e.c.

This group includes all activities related to textiles or textile products, not specified elsewhere in division 31 (Manufacture of textiles, clothing and leather goods) or anywhere else in this classification. A large number of different processes are involved and a wide variety of goods are produced such as the following:

- Narrow woven fabrics, including fabrics consisting of warp without weft assembled by means of an adhesive;
- labels, badges and similar articles of textile materials;
- ornamental trimmings: Braids, tassels, pompons and similar articles;
- tulles and other net fabrics, lace in the piece, in strips or in motifs, embroidery;
- felt, including impregnated, coated, covered or laminated felt, and other non-woven fabrics including those in which plastics or rubber form the bonding substance but which are not the main constituent;
- fabrics impregnated, coated, covered or laminated with plastic;
- wadding of textile materials and articles of textile wadding such as sanitary towels or tampons;
- metallised yarn or gimped yarn; rubber thread or cord covered with textile material; textile yarn or strip covered, impregnated, coated or sheathed with rubber or plastics;
- tyre cord fabric of high-tenacity man-made yarn; other treated or coated fabrics: Tracing cloth; canvas prepared for use by painters; buckram and similar stiffened textile fabrics; fabrics coated with gum or amylaceous substances;
- textile wicks (woven, plaited or knitted); incandescent gas mantles and tubular gas mantle fabric; hosepiping and similar textile tubing with or without lining, armour or accessories of other materials; transmission or conveyor belts or belting, whether or not reinforced with metal or other material, or other textile products or articles for technical uses such as bolting cloth, straining cloth, fabrics or felts used in paper making and other special fabrics.

Exclusions:

The manufacture of wadding from wood is classified under group 3210 (Sawmilling and planing of wood) and the manufacture of cellulose wadding under group 3231 (Manufacture of pulp, paper and paperboard).

The manufacture of transmission or conveyor belts or belting of textile fabric or of textile yarn or cord impregnated, coated, covered or laminated with rubber is classified under group 3379 (Manufacture of other rubber products) when rubber is the main constituent.

The manufacture of plates, sheets or strips of cellular rubber or cellular plastics combined with felt or non-wovens where the textile is present merely for reinforcing purposes, is classified under groups 3379 (Manufacture of other rubber products) and 3380 (Manufacture of plastic products), respectively.

The manufacture of cloth of woven metal wire is classified under group 3559 (Manufacture of other fabricated metal products n.e.c.).

313 3130 Manufacture of knitted and crocheted fabrics and articles

This group includes activities in which products are actually knitted or crocheted whether by hand or with more or less complicated machines. It therefore includes both the manufacture of knitted or

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crocheted fabrics and of articles that are knitted or crocheted directly into shape. Included is the production of knitted fabrics, flat or circular, with or without elastomeric yarn or rubber thread and also knit pile or terry fabrics.

The knitting or crocheting of wearing apparel and other made-up articles directly into shape is included in this group.

This involves articles such as jerseys, pullovers, cardigans, T-shirts and other vests, pantihose, tights, stockings, socks and other hosiery.

Also included is the manufacture of wearing apparel of fabric knitted in the same unit.

Included is the bleaching and dyeing and finishing of knitted products.

Exclusions:

The manufacture of knitted clothing from fabric not knitted in the same unit is classified under group 3140 (Manufacture of wearing apparel, except fur apparel).

The manufacture of orthopaedic appliances is classified under group 3741 (Manufacture of medical and surgical equipment and orthopaedic appliances).

3140 Manufacture of wearing apparel, except fur apparel

This group includes the manufacture of wearing apparel made of material not made in the same unit. The material used may be of any kind (except furs) such as fabric, woven, knitted or crocheted, non-wovens, lace or other textile material, leather or imitation leather, plaited materials, etc. It may be coated, impregnated or rubberised. In principle the raw material is cut and sewn together. Both regular and contract activities are included. Also included is the activity that performs only the entrepreneurial functions of producing, such as buying raw materials, designing and preparing samples, arranging for manufacture of garments from their materials by contract factories and selling the finished apparel. Custom tailoring is included as well.

This group includes more specifically the manufacture of wearing apparel for men, women, children and babies, of outerwear, underwear and nightwear, of normal, formal, work or sports clothing, of hats and caps and of all kinds of clothing accessories such as gloves, belts, shawls, ties, cravats, hairnets, etc.

The manufacture of parts of these products are also classified here.

Printing on clothing is included as long as it is done as part of the manufacturing process.

Exclusions:

The manufacture of apparel of fabrics knitted in the same unit is classified under group 3130 (Manufacture of knitted and crocheted fabrics and articles).

The manufacture of wearing apparel of furskins is classified under group 3150 (Dressing and dyeing of fur; manufacture of articles of fur), except the manufacture of headgear of furs, which remains classified under this group.

The manufacture of footwear is classified under group 3170.

The manufacture of wearing apparel of rubber or plastics which is not assembled by stitching but is merely sealed together is classified under groups 3379 (Manufacture of other rubber products) and 3380 (Manufacture of plastic products), respectively.

Printing on garments which does not form part of the manufacturing process is classified under group 3251 (Printing).

The manufacture of safety headgear except sports headgear, is classified under group 3380 (Manufacture of plastic products) or 3559 (Manufacture of other fabricated metal products n.e.c.) according to their constituent material.

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The manufacture of asbestos apparel (including headgear) is classified under group 3429 (Manufacture of other non-metallic mineral products n.e.c.).

Apparel and accessories of paper are classified under group 3239 (Manufacture of other articles of paper and paperboard).

The manufacture of sports gloves and sports headgear is classified under group 3923 (Manufacture of sports goods).

The repair of wearing apparel is classified under subgroup 62609 (Other repair services for the general public n.e.c.).

3150 Dressing and dyeing of fur; manufacture of articles of fur

This group includes both the production of dressed furskins and other hides and skins that have been tanned and dressed with the hair and the manufacture of articles of furs or of hides with the hair.

The production of furskins includes such operations as scraping, currying, tanning, bleaching, shearing and plucking to prepare the skins for the fur trade.

The most important articles made of furs or hides with the hair are wearing apparel and accessories, assemblies of furs such as plates, mats, strips, etc., and articles such as rugs, unstuffed pouffes; industrial polishing cloths.

Also included in this group is the manufacture of artificial fur and articles thereof.

Exclusions:

The production of furskins is classified either under group 1122 (Other animal farming; production of animal products n.e.c.) or major group 115 (Hunting, trapping and game propagation including related services).

The production of raw hides and skins as part of the activity of slaughtering is classified under group 3011 (Production, processing and preserving of meat and meat products).

The manufacture of imitation furskins obtained by weaving or knitting is classified under group 3111 (Preparation and spinning of textile fibres; weaving of textiles) and 3130 (Manufacture of knitted and crocheted fabrics and articles), respectively.

The manufacture of fur hats or hat parts is classified under group 3140 (Manufacture of wearing 63 apparel, except fur apparel). The manufacture of apparel trimmed with fur is also classified under group 3140.

The manufacture of boots or shoes containing fur parts are classified under group 3170 (Manufacture of footwear).

316 Tanning and dressing of leather; manufacture of luggage, handbags, saddlery and harness

3161 Tanning and dressing of leather

This group includes the production of tanned or dressed leather; vegetable, mineral or chemical tanning. It also includes the manufacture of finished chamois, finished parchment, or patent and metallised leathers and of composition leather, i.e. slabs, sheets or strips of a material with a basis of leather or leather fibre.

Exclusions:

The production of raw hides and skins as part of the activity of abattoirs is classified under group 3011 (Production, processing and preserving of meat and meat products).

The manufacture of leather apparel is classified under group 3140 (Manufacture of wearing apparel, except fur apparel).

Tanning or dressing of furskins or hides with the hair is classified under group 3150 (Dressing and dyeing of fur; manufacture of articles of fur).

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3162 Manufacture of luggage, handbags and the like, saddlery and harness

This group includes the manufacture of luggage, handbags, saddlery and harness and other articles of leather or composition leather not elsewhere classified. Also included here is the manufacture of luggage, handbags and the like when made of other materials (mostly imitation leathers), such as plastics, textile materials, vulcanised fibre or paperboard.

Exclusions:

The manufacture of leather apparel and hats is classified under group 3140 (Manufacture of wearing apparel, except fur apparel).

The manufacture of footwear is classified under group 3170.

The manufacture of wooden saddlery is classified under group 3229 (Manufacture of other products of wood; manufacture of articles of cork, straw and plaiting materials).

317 3170 Manufacture of footwear

This group includes the manufacture of footwear for all purposes (other than orthopaedic footwear), of any material (other than of asbestos or of textile material lacking applied soles), by any process, including moulding.

The materials used may be leather, rubber, plastics, textile materials, wood or other materials and the processes applied may be cutting and sewing, gumming, moulding or any other process.

Also included is the manufacture of gaiters, leggings and similar articles and of parts of footwear, such as uppers and parts of uppers, inner and outer soles etc., of any material.

Exclusions:

The manufacture of footwear of textile material without applied soles is classified under group 3130 (Manufacture of knitted and crocheted fabrics and articles).

The manufacture of footwear of asbestos is classified under group 3429 (Manufacture of other non-metallic mineral products n.e.c.).

The manufacture of orthopaedic shoes is classified under group 3741 (Manufacture of medical and surgical equipment and orthopaedic appliances).

DIVISION 32: MANUFACTURE OF WOOD AND OF PRODUCTS OF WOOD AND CORK, EXCEPT FURNITURE; MANUFACTURE OF ARTICLES OF STRAW AND PLAITING MATERIALS; MANUFACTURE OF PAPER AND PAPER PRODUCTS; PUBLISHING, PRINTING AND REPRODUCTION OF RECORDED MEDIA

321 3210 Sawmilling and planing of wood

This group includes the operation of sawmills and planing mills, whether or not mobile, in the forest or elsewhere.

The sawing of rough lumber or timber from logs or resawing cants and flitches into lumber. Planing combined with sawing or the separate production of surfaced lumber and timber and standard workings or patterns of lumber.

The slicing, peeling or chipping of logs.

Also included is the impregnation of chemical treatment of wood with preservatives or other materials.

The manufacture of wood wool, wood-flour and chip particles when done as a primary activity.

The manufacture of unassembled wood flooring, including parquet flooring.

The manufacture of wooden railway sleepers.

Manufacture of charcoal.

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The grinding and compressing of wattle bark.

Exclusions:

Logging and the production of wood in the rough (debarked and simply squared), are classified under group 1220 (Logging and related services).

The manufacture of veneer sheets thin enough for use in plywood, boards and panels is classified under group 3221 (Manufacture of veneer sheets; manufacture of plywood, laminboard, particle board and other panels and boards).

The manufacture of shingles and shakes, beadings and mouldings etc., is classified under group 3222 (Manufacture of builders' carpentry and joinery). Charcoal burning carried out in the forest is classified under group 1210 (Forestry and related services).

322 Manufacture of products of wood, cork, straw and plaiting materials

3221 Manufacture of veneer sheets; manufacture of plywood, laminboard, particle board and other panels and boards

This group includes the manufacture of veneer sheets thin enough to be used for veneering or making plywood or for other purposes. The sheets may be obtained by sawing, slicing or peeling (rotary cutting) and may be smoothed, dyed, coated or impregnated or reinforced with paper or fabric backings or made in the form of motifs.

It also includes the manufacture of plywood, veneered panels and similar laminated wood and the manufacture of particle board and fibreboard.

Characteristic of the production of these goods is that they are obtained by using high pressure presses, whether or not in combination with glues.

The production of densified wood is included in this group.

Exclusions:

The manufacture of sliced or peeled wood of a thickness greater than that commonly found in plywood is classified under group 3210 (Sawmilling and planing of wood).

3222 Manufacture of builders' carpentry and joinery

This group includes the manufacture of wooden goods intended to be used primarily in the construction industry. The output of these activities consists of a large variety of products such as the following:

- Builders' carpentry, including beams, rafters, roof struts and similar goods used for structural purposes or in arch supports, scaffoldings or other temporary supports;
- builders' joinery, including doors, windows, shutters and their frames, whether or not containing metal fittings such as hinges, locks, etc.; stairs, porchwork, railings, etc.; parquet flooring blocks, strips etc., assembled into panels;
- wooden beading and mouldings, shingles and shakes; and
- cellular wood panels, wainscot, built-in cupboards.

The production of recognisable unassembled pieces of these goods is classified under this group.

The installation of self-manufactured carpentry or joinery of wood.

The manufacture of prefabricated buildings, predominantly of wood, is included.



Exclusions:

The manufacture of unassembled wood flooring, including parquet flooring, is classified under group 3210 (Sawmilling and planing of wood).

The manufacture of venetian blinds and of kitchen cabinets, bookcases, wardrobes and other non-standing furniture is classified under group 3229 (Manufacture of other products of wood; manufacture of articles of cork, straw and plaiting materials).

3223 Manufacture of wooden containers

This group includes the manufacture of packing cases, boxes, crates, drums and similar packings of wood; cable drums of wood, pallets, box pallets and other loading boards of wood.

The manufacture of barrels, vats, tubs and other coopers' products and parts of coopers' products of wood.

Exclusions:

The manufacture of luggage of wood not covered by any other materials is classified under group 3229 (Manufacture of other products of wood; manufacture of articles of cork, straw and plaiting materials).

The manufacture of cases of plaiting materials and baskets and other rattan, reed or willow containers is also classified under group 3229.

3229 Manufacture of other products of wood; manufacture of articles of cork, straw and plaiting materials

This group includes the manufacture of wood products not elsewhere classified such as - tools, tool bodies, handles and bodies for brooms or brushes; boot or shoe lasts and trees of wood; statuettes and other ornaments of wood; clothes hangers; wood marquetry and inlaid wood; caskets and cases for jewellery and cutlery and similar articles of wood; household utensils and kitchenware of wood; non-standing furniture, such as kitchen cabinets, bookcases and wardrobes, and articles of furniture such as coat and hat racks.

The manufacture of wooden spools, caps, bobbins, sewing thread reels and similar articles of turned wood.

The manufacture of other articles of wood not elsewhere classified.

Natural cork processing to obtain products such as debarked or roughly squared cork or cork blocks, sheets, plates or strips.

The manufacture of agglomerated cork.

Manufacture of articles of natural or agglomerated cork.

The manufacture of plaits, plaiting materials and similar products thereof. The manufacture of similar products bound together in parallel strands or woven together in sheet form.

The manufacture of mats, matting or screens.

The manufacture of baskets, wickerwork and other articles made directly to shape from plaiting materials or made up from sheets, strands or plaits.

Exclusions:

The manufacture of mats or matting of spun textile materials is classified under group 3122 (Manufacture of carpets and rugs).

The manufacture of luggage or cases of wood covered with another material, e.g. plastic sheeting, is classified under group 3162 (Manufacture of luggage, handbags and the like, saddlery and harness).

The manufacture of footwear and parts of footwear is classified under group 3170 (Manufacture of footwear).

The manufacture of lamps and lights fittings is classified under group 3650 (Manufacture of electric

lamps and lighting equipment).

The manufacture of clock cases is classified under group 3760 (Manufacture of watches and clocks).

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The manufacture of furniture is classified under group 3910.

The manufacture of imitation jewellery is classified under group 3929 (Other manufacturing n.e.c.).

The manufacture of walking sticks and wooden umbrella handles is also classified under group 3929.

323 Manufacture of paper and paper products

3231 Manufacture of pulp, paper and paperboard

This group includes the manufacture of wood pulp: Mechanical, chemical (dissolving or non-dissolving; bleached, semi-bleached or unbleached) or semi-chemical.

The manufacture of cotton linters pulp.

The manufacture of pulps of other fibrous cellulosic material by mechanical, chemical or semi-chemical processes.

Making pulp from waste paper is included.

The operation of paper mills and manufacture of uncoated or machine coated paper or paperboard in rolls or sheets. The manufacture of newsprint, other printing or writing paper; stock papers intended for conversion into towels, napkins, facial tissues etc., cellulose wadding and webs of cellulose fibres; paper used for packaging, as corrugating medium, or in the manufacture of cigarettes. The manufacture of vegetable parchment, greaseproof, tracing or other glazed, transparent or translucent paper.

The manufacture of multiple paper and paperboard.

The manufacture of handmade paper.

The further processing of paper and paperboard producing products such as coated, covered or impregnated paper, crêped or crinkled paper, composite paper and paperboard (e.g. paper laminated with bitumen or other adhesive).

Exclusions:

The manufacture of corrugated paper and paperboard is classified under group 3232.

The manufacture of other articles of pulp, paper or paperboard is classified under group 3239. The manufacture of carbon paper, self-copying paper and other copying or transfer paper not in rolls or sheets is classified under group 3239.

The manufacture of abrasive paper is classified under group 3429 (Manufacture of other non-metallic mineral products n.e.c.).

The manufacture of sensitised photographic paper is classified under group 3359 (Manufacture of other chemical products n.e.c.).

The manufacture of coated or impregnated paper in which the coating or impregnation is the main constituent (e.g. paper impregnated with soap) is classified under that group under which the manufacture of the coating or impregnant is classified.

3232 Manufacture of corrugated paper and paperboard and of containers of paper and paperboard

This group includes the manufacture of the following:

- Corrugated paper or paperboard;
- containers of corrugated paper or paperboard;

- folding or setup cartons, boxes and cases of non-corrugated paper or paperboard;
- sacks and bags; and

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- other packing containers, including record sleeves, etc.

Exclusions:

The manufacture of envelopes is classified under group 3239 (Manufacture of other articles of paper and paperboard).

3239 Manufacture of other articles of paper and paperboard

This group includes the manufacture of the following:

- Carbon paper, self-copying paper and other copying or transfer papers in sizes or packings sold to consumers, envelopes, letter cards, correspondence cards or plain postcards, wallets and writing compendiums containing an assortment of paper stationery;
- toilet paper, handkerchiefs, cleansing tissues, towels, serviettes, wallpaper and other paper, paperboard or moulded paper articles found about the house, e.g. trays, dishes, cups, sanitary towels and tampons, napkins and napkin liners for babies, articles of apparel and clothing accessories and other paper articles found on a person;
- filter blocks, slabs and plates of paper pulp;
- other articles of paper, paperboard or moulded paper pulp such as bobbins, spools or caps; filter paper and paperboard; rolls, sheets and dials printed for self-recording apparatus; writing or other graphic papers cut to size or shape or printed, embossed or perforated; gummed or adhesive paper in strips or rolls; labels.

Exclusions:

The manufacture of paper or paperboard in bulk whether in rolls or sheets is classified under group 3231 (Manufacture of pulp, paper and paperboard).

324 Publishing

This major group includes publishing whether or not connected with printing. Publishing involves financial, technical, artistic, legal and marketing activities, among others, but these activities are not predominant.

The breakdown into groups is based on the type of printed matter or recorded media published.

Exclusions:

Printing is classified under group 3251.

The reproduction of recorded media is classified under group 3260.

The publishing of motion pictures and video tapes is classified under group 9611 (Motion picture and video production and distribution) and of computer software under group 8620 (Software consultancy and supply).

The preparation and production on a fee or contract basis of master copies for records or audio material are classified under group 9649 (Other recreational activities).

3241 Publishing of books, brochures, musical books and other publications

This group includes the publishing of books, textbooks, atlases and maps, brochures, pamphlets, musical works and other publications.

3242 Publishing of newspapers, journals and periodicals

This group includes the publishing of newspapers, journals and periodicals of a technical or general nature, including trade journals, comics, etc.

3243 Publishing of recorded media

This group includes the publishing of records and other recorded audio media.

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Exclusions:

The publishing of motion pictures and video tapes is classified under group 9611 (Motion picture and video production and distribution) and of computer software under group 8620 (Software consultancy and supply).

3249 Other publishing

This group includes the publishing of photos, engravings and postcards, timetables, forms, posters, the reproduction of works of art, or other printed matters.

This group also includes all micropublishing.

325 Printing and service activities related to printing

3251 Printing

This group includes the printing of newspapers, magazines, periodicals, journals, books, music pamphlets, maps, atlases, posters, playing cards and other material for others on a fee or contract basis, e.g. catalogues on account of machinery producers; postage, revenue stamps or currency on account of governments; books, albums, diaries, business forms etc., on account of stationers.

Printing includes reproducing material by means of duplicating machines, computer controlled reproduction, embossers, photocopiers or thermocopiers.

Printing on clothing, textiles, plastics, metals and glass for others on a fee or contract basis is included.

Exclusions:

The printing of labels of paper or paperboard is classified under group 3239 (Manufacture of other articles of paper and paperboard).

The publishing of printed matter and printing by publishers is classified under major group 324.

The production of original material by authors, musicians, engineers, architects and others is classified in the industry appropriate to their technical or artistic activity.

Duplicating done as a business service (e.g. in "copyshops") is classified under group 8899 (Other business activities n.e.c.).

3252 Service activities related to printing

This group includes bookbinding and other work related to bookbinding such as book or paper

bronzing, gilding and edging, map and sample mounting.

The production of composed type, prepared printing plates or cylinders, impressed lithographic stones or other impressed media for use in printing in another unit.

Exclusions:

The manufacture of type chests or typefaces are classified under group 3579 (Manufacture of other special purpose machinery).

The production of printing media which have not been impressed is classified under an appropriate group by material.

326 3260 Reproduction of recorded media

This group includes the reproduction of records, audio, video and computer tapes from master copies, the reproduction of floppy, hard or compact disks, the reproduction of non-customised software and film duplicating.

Exclusions:

The reproduction of printed matter is classified under group 3251 (Printing).

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The production on a fee or contract basis of intermediate products such as master records is classified under group 9649 (Other recreational activities).

**DIVISION 33: MANUFACTURE OF COKE, REFINED PETROLEUM PRODUCTS AND NUCLEAR FUEL; MANUFACTURE OF CHEMICALS AND CHEMICAL PRODUCTS; MANUFACTURE OF RUBBER AND PLASTIC PRODUCTS**

**331 3310 Manufacture of coke oven products**

This group includes the operation of coke ovens mainly for the production of coke or semi-coke from hardcoal and lignite, or retort carbon and residual products such as coal tar or pitch.

The agglomeration of coke.

The manufacture of asphalt materials for road building and other purposes; fuel and igniting briquettes and packaged fuel from purchased coal or lignite.

Exclusions:

The distillation of coal tar is classified under group 3341 (Manufacture of basic chemicals, except fertilizers and nitrogen compounds).

The production of town gas and other manufactured gases such as water gas or producer gas is classified under group 4120 (Manufacture of gas; distribution of gaseous fuels through mains).

Articles manufactured from asphalt materials such as coal tar pitch is classified under group 3429 (Manufacture of other non-metallic mineral products n.e.c.).

Coke ovens which are in gas works are classified under group 4120 (Manufacture of gas; distribution of gaseous fuels through mains).

Coke ovens located in iron and steel works are classified under group 3510 (Manufacture of basic iron and steel).

The manufacture of fuel and igniting briquettes and packaged fuels by coal and lignite mines is included in group 2100 (Mining of coal and lignite).

**332 Petroleum refineries/synthesisers**

This group includes the production of liquid or gaseous fuels (e.g. ethane, butane or propane), illuminating oils, lubricating oils or greases or other products from crude petroleum or bituminous minerals or their fractionation products.

Included is the manufacture or extraction of products such as petroleum jelly, paraffin wax, other petroleum waxes, and residual products such as petroleum coke, petroleum bitumen etc.

The manufacture of compounded and blended lubricating oils and greases from purchased materials other than crude petroleum and oil. Also included is the manufacture of lubricating oils and greases primarily from other organic materials.

Exclusions:

The operation of oil or gas field properties to obtain crude petroleum or natural gas is classified under group 2211 (Extraction of crude petroleum and natural gas).

**333 3330 Processing of nuclear fuel**

This group includes the extraction of uranium metal from pitchblende or other uraniumbearing ores. The manufacture of alloys, dispersions or mixtures of natural uranium or its compounds.

The manufacture of enriched uranium and its compounds; plutonium and its compounds; or alloys, dispersions or mixtures of these compounds.

The manufacture of uranium depleted in U 235 and its compounds, thorium and its compounds; or alloys, dispersions or mixtures of these compounds.

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The manufacture of other radioactive elements, isotopes or compounds.

The manufacture of non-irradiated fuel elements for use in nuclear reactors.

334 Manufacture of basic chemicals

3341 Manufacture of basic chemicals, except fertilizers and nitrogen compounds

This group includes the manufacture of the following:

- Industrial gases, including elemental gases; liquid or compressed air, acetylene, refrigerant gases, mixed industrial gases, etc.;
- other chemical elements, except base metals, precious metals or radioactive elements, isotopes and compounds for nuclear fuel;
- inorganic acids, except nitric acid;
- alkalis or other inorganic compounds such as inorganic pigments;
- basic organic chemicals: Saturated and unsaturated acyclic and cyclic hydrocarbons, benzene, toluene, xylene and other coal tar or mineral oil distillation products; acyclic alcohols; phenols and phenol-alcohols; methanol and higher alcohols (except ethyl alcohol); ketones or quinones; monocarboxylic or poly-carboxylic acids, including acetic acid; aminefunction compounds; nitrile-function compounds; or other organic compounds;
- colouring matter of vegetable or animal origin; synthetic organic dyestuffs;
- the extraction of volatile products by the distillation of wood;
- synthetic tanning agents; and
- lyes and other basic chemicals not elsewhere classified.

Exclusions:

The extraction of methane, ethane, butane or propane at a mine is classified under group 2211 (Extraction of crude petroleum and natural gas).

The production of ethyl alcohol is classified under group 3051 (Distilling, rectifying and blending of spirits; ethyl alcohol production from fermented materials; manufacture of wine).

The production in a petroleum refinery of ethane, butane or propane is classified under major group 332 (Petroleum refineries/synthesisers).

The manufacture of nitrogenous fertilizers and nitrogen compounds is classified under group 3342

(Manufacture of fertilizers and nitrogen compounds), even though such products may have uses other than as fertilizers.

The manufacture of plastics in primary forms and of synthetic rubber is classified under group 3343.

The manufacture of crude glycerol is classified under group 3354 (Manufacture of soap and detergents, cleaning and polishing preparations, perfumes and toilet preparations).

The manufacture of essential oils is classified under group 3359 (Manufacture of other chemical products n.e.c.).

3342 Manufacture of fertilizers and nitrogen compounds

This group includes the manufacture of straight, mixed, compound or complex nitrogenous, phosphatic or potassic fertilizers.

Included is the manufacture of urea.

Manufacture of products of the nitrogenous fertilizer industry; nitric acid, ammonia, commercial

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ammonium chloride, nitrates of potassium.

Exclusions:

Guano mining is classified under subgroup 25319 (Other chemical and fertilizer mineral mining).

The manufacture of pesticides and other agro-chemical products is classified under group 3351 (Manufacture of pesticides and other agro-chemical products).

3343 Manufacture of plastics in primary forms and of synthetic rubber

This group includes the manufacture of plastics in primary form, including polymers of ethylene, polypropylene or other olefins, styrene, vinyl chloride or other halogenated olefins, vinyl acetate or of other vinyl esters, other vinyl polymers; polyacetals, other polyethers and epoxide resins, polycarbonates, alkyd resins, polyallyl esters and other polyesters; polyamides; amino resins, phenolic resins and polyurethanes; silicones; petroleum resins, polyterpenes, polysulphides, polysulphones; cellulose and its chemical derivatives; natural polymers (e.g. alginic acid), modified natural polymers such as hardened proteins; or ion exchangers based on the above polymers.

The manufacture of synthetic rubber and factice derived from oils, in primary form.

The production of mixtures of synthetic rubber and natural rubber or rubber-like gums (e.g. balata), in primary form.

Exclusions:

The processing of purchased resin or plastic raw materials to produce plastic products, film and sheets, is classified under group 3380 (Manufacture of plastic products).

335 Manufacture of other chemical products

3351 Manufacture of pesticides and other agro-chemical products

This group includes the manufacture of insecticides, rodenticides, fungicides, herbicides, anti-sprouting products, plant growth regulators, disinfectants and other agro-chemical products not elsewhere classified.

Exclusions:

The manufacture of fertilizers and nitrogen compounds is classified under group 3342.

3352 Manufacture of paints, varnishes and similar coatings, printing ink and mastics

This group includes the manufacture of the following:

- Paints, varnishes, enamels or lacquers;
- prepared pigments, prepared opacifiers and prepared colours, vitrifiable enamels, and glazes, engobes or similar preparations of a kind used in the ceramic, enamelling or glass industry;
- pigments and other colouring matter of a kind used in the manufacture of paints or by artists or other painters;
- mastics, caulking compounds or similar non-refractory filling or surfacing preparations;
- organic composite solvents and thinners not elsewhere classified. The manufacture of prepared paint or varnish removers; and
- printing ink.

Exclusions:

The manufacture of dyes or dyestuffs is classified under group 3341 (Manufacture of basic chemicals, except fertilizers and nitrogen compounds).

The manufacture of pigments such as titanium oxide, compounds of chromium, cadmium or other colour-bearing chemical compounds is also classified under group 3341.

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The manufacture of writing and drawing ink is classified under group 3359 (Manufacture of other chemical products n.e.c.).

3353 Manufacture of pharmaceuticals, medicinal chemicals and botanical products

This group includes the manufacture of the following:

- Pharmaceutical preparations for human or veterinary use: Generic or proprietary preparations; preparations available to the general public or controlled by the health system; ampoules, tablets, capsules, vials, ointments, powders or solutions; botanical products ground, graded, milled or otherwise prepared;
- surgical dressings, medicated wadding, fracture bandages, catgut and other prepared sutures;
- cement used in dentistry; and
- chemical substances used in the manufacture of pharmaceuticals: Antibiotics, endocrine products, basic vitamins; opium derivatives; sulpha drugs; serums and plasmas; salicylic acid, its salts and esters; glycosides and vegetable alkaloids; chemically pure sugar etc.

Exclusions:

The packing of pharmaceuticals for own account by wholesalers or retailers is classified under group 6139 (Wholesale trade in other household goods) or 6231 (Retail trade in pharmaceutical and medical goods, cosmetic and toilet articles) and packaging on a fee or contract basis under group 8895 (Packaging activities).

3354 Manufacture of soap and detergents, cleaning and polishing preparations, perfumes and toilet preparations

This group includes the manufacture of the following:

- Soap in the form of bars, cakes, moulded pieces, shapes, liquids, pastes or in other forms; organic surface-active products in like forms; paper, wadding, felt or other material impregnated, coated or covered with soap or detergent; crude glycerol;
- organic surface-active agents or preparations for use as washing or cleaning preparations;
- tonsorial preparations including shampoos, hair lacquers, waving or straightening preparations; pre-shave, shaving or aftershave preparations or depilatories;
- odoriferous preparations for personal use such as perfumes, cologne water or toilet water;
- beauty or make-up preparations including manicure or pedicure preparations;
- preparations for oral or dental hygiene including denture fixative, pastes and powders;
- other perfumery, cosmetic or toilet preparations not elsewhere classified such as personal deodorants or bath salts;
- polishes and creams for footwear, floors, coachwork, glass or metal, scouring pastes and powders and similar goods in the form of paper, felt, wadding, non-wovens, cellular plastics or cellular rubber, impregnated, coated or covered with polishes or creams, scouring pastes or powders;
- artificial waxes and prepared waxes consisting of mixtures of waxes; and
- preparations for perfuming or deodorising rooms.

Exclusions:



The manufacture of separate, chemically defined compounds is classified under group 3341 (Manufacture of basic chemicals, except fertilizers and nitrogen compounds).

The extraction and refining of essential oils are classified under group 3359 (Manufacture of other chemical products n.e.c.).

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The manufacture of candles is classified under group 3929 (Other manufacturing n.e.c.).

3359 Manufacture of other chemical products n.e.c.

This group includes the manufacture of the following:

- Explosives, pyrotechnic products (torches, fire lighters, etc.), propellant powders, other prepared explosives, detonating or safety fuses, caps, fireworks, signalling flares, etc;
- gelatin and gelatin derivatives, glues of animal origin, prepared glues and other prepared adhesives, including adhesives based on rubber or plastics;
- peptones, peptone derivatives, other protein substances and their derivatives not elsewhere classified;
- essential oils. Modification by chemical processes (e.g. by oxidation, polymerisation etc.) of oils and fats;
- materials used in the finishing of textiles;
- powders and pastes used in soldering, brazing or welding;
- substances used to pickle metal;
- activated carbon, lubricating oil additives, prepared rubber accelerators, catalysts and other chemical products for industrial use;
- anti-knock preparations, anti-freeze preparations, liquids for hydraulic transmission, composite diagnostic or laboratory reagents, etc.;
- photochemical products, such as photographic plates, films, sensitised paper, other sensitised unexposed materials, and chemical preparations for photographic uses;
- writing and drawing ink;
- prepared unrecorded media for sound recording or similar recording of other phenomena; and
- processed salt.

Exclusions:

In general, the manufacture of chemically defined products in bulk is classified under group 3341 (Manufacture of basic chemicals, except fertilizers and nitrogen compounds).

The manufacture of printing ink is classified under group 3352.

3360 Manufacture of man-made fibres

This group includes the manufacture of artificial or synthetic filament tow and staple fibres, not carded or combed.

The manufacture of synthetic or artificial filament yarn, whether or not textured, high tenacity, multiple or cabled.

The manufacture of synthetic or artificial nonfilament or strip (e.g. artificial straw).

Exclusions:

The manufacture of yarns of man-made staple is classified under group 3111 (Preparation and spinning of textile fibres; weaving of textiles).

The manufacture of textured, plied, cabled or otherwise processed yarns from filaments, tow, staple or yarn not made in the same unit is also classified under group 3111.

336 Manufacture of rubber products

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3371 Manufacture of rubber tyres and tubes; retreading and rebuilding of rubber tyres

This group includes the manufacture and retreading of vehicle tyres of rubber, including tyres for equipment or mobile machinery.

The manufacture of pneumatic tyres and solid or cushion tyres.

The manufacture of tyres designed for use on off-road vehicles or equipment such as aircraft or bulldozers, or on toys, furniture or for other uses.

The manufacture of inner tubes for the tyres described above.

The manufacture of tyre parts such as interchangeable tyre treads, or tyre flaps.

The manufacture of "camel-back" strips for retreading tyres.

The rebuilding of tyres. The replacement of tread on used pneumatic tyres.

Exclusions:

The manufacture of tube repair materials is classified under group 3379 (Manufacture of other rubber products).

The repair of punctured tyres is classified under group 6320 (Maintenance and repair of motor vehicles).

The manufacture of rubber footwear is classified under group 3170 (Manufacture of footwear).

3379 Manufacture of other rubber products

This group includes the manufacture of rubber products not elsewhere classified. The manufacture of semi-finished or finished rubber products; unvulcanised, vulcanised or hard rubber products; products wholly or partly of synthetic or natural rubber or of rubber-like gums.

The wide variety of activities include manufacture of plates, sheets, strips, rods and profile shapes; tubes, pipes and hoses; conveyor or transmission belts or belting; hygienic or pharmaceutical articles; articles of apparel; floor coverings, etc.

Exclusions:

The production of rubber by plantations is classified under group 1111 (Growing of cereals and other crops n.e.c.).

The manufacture of apparel of elastic fabrics is classified under group 3140 (Manufacture of wearing apparel, except fur apparel).

The manufacture of footwear is classified under group 3170.

The manufacture of "camel-back" strips for retreading rubber tyres is classified under group 3371 (Manufacture of rubber tyres and tubes; retreading and rebuilding of rubber tyres).

The manufacture of medical, dental and surgical appliances is classified under group 3741 (Manufacture of medical and surgical equipment and orthopaedic appliances).

The manufacture of scientific instruments is classified under group 3742 (Manufacture of instruments and appliances for measuring, checking, testing, navigating and for other purposes, except industrial process control equipment).

The manufacture of inflatable rafts or inflatable pleasure boats is classified under group 3842 (Building and repairing of pleasure and sporting boats).

The manufacture of uncovered cellular rubber mattresses is classified under subgroup 39103 (Manufacture of furniture made predominantly of materials other than metal, plastic or concrete).

The manufacture of sports requisites is classified under group 3923 (Manufacture of sports goods).

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The manufacture of games and toys is classified under group 3924.

The reclaiming of rubber is classified under group 3952 (Recycling of non-metal waste and scrap n.e.c.).

3380 Manufacture of plastic products

This group includes the manufacture of plastic products such as plates, sheets, film, foil and strip; tubes, pipes and hoses; hose and pipe fittings; self-adhesive plates, sheets, film, foil, tape, strip and other flat shapes; plastic floor, wall or ceiling coverings in rolls or in the form of tiles; or other primary plastic products.

The manufacture of plastic articles (glassfibre reinforced or not): Sanitary ware, including baths, showers, wash basins, lavatory pans, flushing cisterns etc.; articles for the packing of goods such as bags, sacks, (not made up) boxes, cases, carboys, bottles etc.; tableware, kitchenware and toilet articles; builders' ware, including doors, windows and their frames, shutters, blinds; and other articles such as headgear, insulating fittings, parts of lamps and light fittings, office or school supplies, articles of apparel, fittings for furniture, coachwork etc., statuettes and other ornamental articles.

Exclusions:

The manufacture of woven fabric of artificial fibre is classified under group 3111 (Preparation and spinning of textile fibre; weaving of textiles).

The manufacture of made-up articles from woven artificial textiles such as sacks and bags is classified under group 3121 (Manufacture of made-up textile articles, except apparel).

The manufacture of luggage, handbags and the like from plastic materials is classified under group 3162 (Manufacture of luggage, handbags and the like, saddlery and harness).

The manufacture of footwear is classified under group 3170.

The manufacture of plaits or wickerwork is classified under group 3229 (Manufacture of other products of wood; manufacture of articles of cork, straw and plaiting materials).

The manufacture of plastics in primary form is classified under group 3343.

Manufacture of medical, dental and surgical appliances is classified under group 3741 (Manufacture of medical and surgical equipment and orthopaedic appliances).

The manufacture of scientific instruments is classified under group 3742 (Manufacture of instruments and appliances for measuring, checking, testing, navigating and for other purposes, except industrial process control equipment).

The manufacture of uncovered cellular plastic mattresses is classified under group 3910 (Manufacture of furniture).

The manufacture of sports requisites is classified under group 3923 (Manufacture of sports goods).

The manufacture of games and toys is classified under group 3924.

The manufacture of linoleum and hardsurfaced floor coverings is classified under group 3929 (Other manufacturing n.e.c.).

DIVISION 34: MANUFACTURE OF OTHER NON-METALLIC MINERAL PRODUCTS

341 Manufacture of glass and glass products

This group includes the manufacture of glass in all its forms and articles of glass:

- Glass in bulk and in other states whether or not worked, including sheets, plates, tubes or rods. The manufacture of glass of different chemical composition, including fused quartz and other fused silica. The manufacture of glass of different physical characteristics, including wired, coloured, tinted, toughened or laminated glass.

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- glass by casting, drawing, blowing, rolling or by the float process or other processes.

- articles of glass used in construction such as glass blocks; glass containers, including lids and stoppers, glass envelopes, including inners for various vessels; glass kitchenware or tableware and glass used in the toilet, office or other places; laboratory, hygienic or pharmaceutical glassware, clock or watch glasses, optical glass and optical glass elements not optically worked, etc.

- glassware used in imitation jewellery (but not made-up imitation jewellery).

- glass fibres (including glass wool) and yarn of glass fibres. The manufacture of non-woven glass fabrics, mats, mattresses, boards and similar non-woven products.

Exclusions:

The manufacture of woven fabric of glass yarn is classified under group 3111 (Preparation and spinning of textile fibres; weaving of textiles).

The manufacture of plastic products re-inforced with glass fibre is classified under group 3380 (Manufacture of plastic products).

The manufacture of products of glass wool for heat-insulating is classified under group 3429 (Manufacture of other non-metallic mineral products n.e.c.).

The manufacture of optical fibre cables made up of individually sheathed fibres is classified under group 3630 (Manufacture of insulated wire and cable) and these made up of not individually sheathed fibres under group 3750 (Manufacture of optical instruments and photographic equipment), respectively.

The manufacture of medical laboratory equipment including syringes, is classified under group 3741 (Manufacture of medical and surgical equipment and orthopaedic appliances).

The manufacture of optical elements optically worked is classified under group 3750 (Manufacture of optical instruments and photographic equipment).

The manufacture of glass toys is classified under group 3924 (Manufacture of games and toys).

342 Manufacture of non-metallic mineral products n.e.c.

3421 Manufacture of non-structural non-refractory ceramicware

This group includes the manufacture of non-structural non-refractory ceramic articles, including the following:

- Articles of porcelain, stoneware, earthenware, imitation porcelain or common pottery;

- tableware and other articles commonly used for domestic or toilet purposes; the manufacture of statuettes and other ornamental ceramic articles;

- ceramic laboratory, chemical and industrial goods;

- ceramic sanitary fixtures and other non-structural ceramic articles;

- electrical insulators of ceramics; and

- the manufacture of insulating fittings, for electrical machines, appliances or equipment, of ceramics.

Exclusions:

The manufacture of refractory ceramic goods or ceramic building materials is classified under group 3422 (Manufacture of refractory ceramic products) and group 3423 (Manufacture of structural non-refractory clay and ceramic products), respectively.

The manufacture of artificial teeth is classified under group 3741 (Manufacture of medical and

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surgical equipment and orthopaedic appliances).

The manufacture of toys is classified under group 3924.

The manufacture of imitation jewellery is classified under group 3929 (Other manufacturing n.e.c.).

3422 Manufacture of refractory ceramic products

This group includes the manufacture of heat-insulating ceramic products made by shaping and subsequently firing siliceous fossil material:

- Refractory bricks, blocks, tiles and similar refractory ceramic building materials.
- ceramic products that can withstand the high temperatures encountered in metallurgical operations.
- refractory cements.
- retorts, crucibles, muffles, nozzles, tubes, pipes etc.

Exclusions:

The manufacture of ceramic articles other than refractory products is classified under group 3421 (Manufacture of non-structural non-refractory ceramicware) and group 3423 (Manufacture of structural non-refractory clay and ceramic products).

3423 Manufacture of structural non-refractory clay and ceramic products

This group includes the manufacture of clay and ceramic building materials such as bricks, floor tiles, roofing tiles and chimney-pots. The manufacture of ceramic pipes, conduits, guttering and pipe fittings. The manufacture of ceramic flags and paving, hearth or wall tiles, mosaic cubes and the like, whether or not glazed.

Exclusions:

The manufacture of refractory ceramic products is classified under group 3422.

3424 Manufacture of cement, lime and plaster

This group includes the manufacture of hydraulic cements, including portland, aluminous slag and superphosphate, whether or not in the form of clinkers.

The manufacture of plaster consisting of calcined gypsum or calcium sulphate.

The further processing of lime and gypsum when not performed in conjunction with the extraction is included.

Exclusions:

The manufacture of cement used in dentistry is classified under group 3353 (Manufacture of pharmaceuticals, medicinal chemicals and botanical products).

The manufacture of refractory cement is classified under group 3422 (Manufacture of refractory ceramic products).

The manufacture of articles of cement or plaster is classified under group 3425 (Manufacture of articles of concrete, cement and plaster).

The mining of lime and gypsum is classified under group 2512 (Limestone and limeworks.)

3425 Manufacture of articles of concrete, cement and plaster

This group includes the manufacture of the following:

- Concrete, cement or plaster articles for use in construction such as tiles, flagstones, bricks, boards, sheets, panels, pipes and posts;
- other articles of concrete, cement or plaster, e.g. statues, furniture, low and high reliefs, vases, flowerpots, etc.;

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- ready-mixed concrete and mortars;
- building materials of vegetable substances (e.g. wood wool, straw, reeds, rushes) agglomerated with cement, plaster or other mineral binder; and
- articles of asbestos-cement, of cellulose fibre-cement or the like: Corrugated sheets, other sheets, panels, tiles, tubes, pipes, reservoirs, troughs, basins, sinks, jars, furniture, window frames and other articles.

#### 3426 Cutting, shaping and finishing of stone

This group includes the cutting, shaping and finishing of stone for use in construction, in cemeteries, on roads, as roofing and in other applications.

Activities carried out on rough stone delivered by quarries.

##### Exclusions:

Activities carried out by operators of quarries, e.g. the production of rough-cut stone, are classified under group 2519 (Other stone quarrying, including stone crushing and clay and sandpits). The production of millstones, abrasive stones and similar products is classified under group 3429 (Manufacture of other non-metallic mineral products n.e.c.).

#### 3429 Manufacture of other non-metallic mineral products n.e.c.

This group includes the manufacture of the following:

- Asbestos yarn and fabric, and articles of asbestos yarn or fabric such as clothing, headgear, footwear, cord, string, paper or felt;
- friction material with a basis of asbestos or other mineral substances or of cellulose whether or not combined with other materials;
- the manufacture of unmounted articles of such friction materials;
- mineral insulating materials; slag wool, rockwool and similar mineral wools, exfoliated vermiculite, expanded clays and similar heat-insulating, sound-insulating or sound absorbing materials;
- products of glass wool for heat-insulating;
- articles of asphalt or of similar material, e.g. coal tar pitch;
- millstones, sharpening or polishing stones and natural or artificial abrasive products, including abrasive powder or grain on a base of textile material, paper, paperboard or other material; and
- articles of other mineral substances not elsewhere classified, including worked mica and articles of mica, of peat, of graphite (other than electrical articles) or of other mineral materials.

##### Exclusions:

The manufacture of glass wool is classified under group 3411 (Manufacture of glass and glass products).

### DIVISION 35: MANUFACTURE OF BASIC METALS, FABRICATED METAL PRODUCTS, MACHINERY AND EQUIPMENT AND OF OFFICE, ACCOUNTING AND COMPUTING MACHINERY

#### 351 Manufacture of basic iron and steel

This major group includes the following:

The operation of blast furnaces, steel converters, rolling and finishing mills; and the manufacture of primary iron and steel products, i.e. the production of -

- primary ferrous metal products in granular or powder form or in the form of pigs, blocks, lumps or

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liquids from ore or scrap;

- iron of exceptional purity by electrolysis or other chemical processes;

- pig iron, including spiegeleisen and ferro-alloys, and of sponge iron;

steel by pneumatic or hearth processes;

- steel or alloy steel ingots;

- blooms, billets, slates, or other forms of semi-finished iron, steel or alloy steel;

- rolled, drawn, extruded or forged iron, steel or alloy steel products. The products may be subjected to treatment while hot or cold or may start hot and end cold. Products of the rolling, finishing and tube mills are sheets, plates, strip coils; bars and rods; hollow drill bars and rods; angles, shapes, sections and wire; tubes, pipes and hollow profiles of iron or steel, seamless, including cast, tubes, pipes and hollow profiles open seam or welded, riveted or similarly closed; railway and tramway track construction material, e.g. unassembled rails; and other finished iron or steel products.

Exclusions:

The production of sintered iron ores is classified under group 2410 (Mining of iron ore).

Operation of independent coke ovens is classified under group 3310 (Manufacture of coke oven products).

Forging or casting activities carried out as part of the manufacture of a given type of goods are classified under the groups manufacturing that type of goods.

352 Manufacture of basic precious and non-ferrous metals

This major group includes the manufacture of the precious metals, gold and silver, and metals of the platinum group.

The refining of the above-mentioned precious metals. The production of unwrought or wrought precious metals: Silver in lumps, grains, ingots, cast bars, pellets etc., or in rolled bars, rods, sections, wire, plates, sheets and strip, or in tubes, pipes, hollow bars, foil, powder etc.; gold or platinum and platinum group metals in forms similar to those given for silver.

The production of clad precious metals: Silver rolled on to base metals in the form of bars, rods, sections, sheets, tubes etc.; gold rolled on to base metals or on to silver in forms similar to those given for silver; platinum and platinum group metals rolled onto gold, silver or base metals in forms similar to those given for silver.

The production of non-ferrous base metals from ore, mates, other raw materials intermediate between ore and the metal (e.g. alumina) or from scrap.

Operations carried on by smelters, by electrolytic refiners, or by other means to produce unwrought non-ferrous base metals. Smelters and refiners of copper, lead, chrome, manganese, zinc, aluminium, nickel, tin or other non-ferrous base metals and alloys of such metals.

The production of alumina and mattes of nickel or of copper.

The manufacture of non-ferrous base metal products by rolling, drawing or extruding.

The manufacture of powders or flakes; foil; plates, sheets or strip; bars, rods or profiles; wire; tubes, pipes and tube or pipe fittings.

The production of monetary gold.

Exclusions:

The manufacture of precious metal watch cases is classified under group 3760 (Manufacture of watches and clocks).

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The manufacture of precious metal jewellery or coins is classified under group 3921 (Manufacture of jewellery and related articles).

Forging or casting activities carried out as part of the manufacture of a given type of goods are classified under the class manufacturing that type of goods.

353 Casting of metals

3531 Casting of iron and steel

This group includes the casting of finished or semi-finished products of cast iron or cast steel. Each of the activities classified here produces a wide variety of goods, all characteristic of other groups.

3532 Casting of non-ferrous metals

This group includes the casting of finished or semi-finished products of non-ferrous metals. Each of the activities classified here produces a wide variety of goods, all characteristic of other groups.

354 Manufacture of structural metal products, tanks, reservoirs and steam generators

3541 Manufacture of structural metal products

This group includes the manufacture of metal structures, parts of metal structures, fabricated structural steel and similar products, including bridges and bridge parts, towers, masts, columns, girders, trusses, arches, rafters, pithead frames, telescopic props, sluice gates, piers, jetties.

The manufacture of prefabricated buildings predominantly of metal is included.

The manufacture of metal doors, windows and their frames, shutters, fire escapes, gates, and similar metal work used on buildings.

The manufacture of the articles classified here is predominantly from iron, steel or aluminium. The articles are transportable goods ready for assembly, installation or erection (e.g. at a building site by a construction establishment).

The erection of metal structures from self-manufactured parts, however, remains classified here.

Exclusions:

The manufacture of parts for marine or power boilers is classified under group 3543 (Manufacture of steam generators, except central heating hot water boilers).

The manufacture of assembled railway and tramway fixtures and fittings is classified under group 3559 (Manufacture of other fabricated metal products n.e.c.).

The manufacture of sections for ships or floating structures is classified under group 3841 (Building and repairing of ships).

3542 Manufacture of tanks, reservoirs and similar containers of metal

This group includes manufacture of containers of metal for compressed or liquefied gas.

Manufacture of central heating boilers and radiators.

Manufacture of reservoirs, tanks, and similar containers of types normally installed as fixtures for storage whether or not fitted with tops, closures, or lined with materials other than iron, steel or aluminium.

Exclusions:

The manufacture of casks, drums, cans, pails, boxes and so forth, of a kind commonly used for the



conveyance or packing of goods, even of large size, is classified under group 3559 (Manufacture of other fabricated metal products n.e.c.).

The manufacture of reservoirs, tanks and similar containers for uses described above but fitted with mechanical or thermal equipment is classified under group 3569 (Manufacture of other general purpose machinery).

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The manufacture of containers specially designed and equipped for carriage by one or more modes of transport is classified under group 3820 (Manufacture of bodies (coachwork) for motor vehicles; manufacture of trailers and semi-trailers).

3543 Manufacture of steam generators, except central heating hot water boilers

This group includes the manufacture of nuclear reactors for all purposes other than isotope separators. The term "nuclear reactor" covers, in general, all the apparatus and appliances inside the area screened off by the biological shield, including, where appropriate, the shield itself. The term also includes any other apparatus or appliances outside that area provided they form an integral part of those contained inside the screen.

The manufacture of steam or other vapour generating boilers other than central heating hot water boilers even, if also capable of producing low pressure steam.

The manufacture of auxiliary plant for use with boilers, such as economisers, super-heaters, steam collectors and accumulators. Soot removers, gas recoverers and sludge scrapers are included.

Exclusions:

The manufacture of nuclear reactor fuel elements is classified under group 3330 (Processing of nuclear fuel).

The manufacture of central heating boilers and radiators is classified under group 3542. (Manufacture of tanks, reservoirs and similar containers of metal).

The manufacture of boiler-turbine set or a stationary steam engine with an integral boiler is classified under group 3561 (Manufacture of engines and turbines, except aircraft, vehicle and motor cycle engines).

The manufacture of steam railway locomotives is classified under group 3850 (Manufacture of railway and tramway locomotives and rolling stock)

355 Manufacture of other fabricated metal products; metalwork service activities

3551 Forging, pressing, stamping and roll-forming of metal; powder metallurgy

This group includes the manufacture of a wide variety of finished or semi-finished metal products by forging, pressing, stamping and roll-forming, i.e. the deformation of metal by compressive forces exerted by rolls, or powder metallurgy, i.e. the production of metal objects directly from metal powders, by heat treatment (sintering) or under pressure, i.e. the manufacture of a range of products which, individually, would be characteristically produced in other activity classes.

Exclusions:

The manufacture of metal powders is classified under major groups 351 (Manufacture of basic iron and steel) and 352 (Manufacture of basic precious and non-ferrous metals), respectively.

3552 Treatment and coating of metals; general mechanical engineering on a fee or contract basis

This group includes plating, polishing, anodising, colouring, engraving, printing, hardening, buffing, deburring, sand blasting, tumbling, cleaning, welding, grinding or other specialised activities in respect of metal and metal articles on a fee or contract basis. The cleaning (decalcification) of the interior of pipes and pumps at industrial plants is included. The units classified here generally do not take ownership of the goods nor do they sell them to third parties.

Exclusions:

The chemical cleaning (decalcification) of boiler interiors is classified under group 3543

(Manufacture of steam generators, except central heating hot water boilers).

The interior cleaning of bulk storage tanks is classified under group 3542 (Manufacture of tanks, reservoirs and similar containers of metal).

The cleaning of industrial plant is classified under group 8893 (Building and industrial plant cleaning activities).

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3553 Manufacture of cutlery, hand tools and general hardware

This group includes the manufacture of the following:

- Metal articles for use in and about the house: Knives and knife blades; other articles of cutlery, including cleavers and choppers, razors and razor blades, scissors and secateurs, hair clippers and nail clippers; spoons, forks, ladles, skimmers, fish-knives, tongs and other utensils for use at the table or in the kitchen;
- hand tools of a kind used in agriculture, horticulture or forestry; carpentry, cabinet work or other woodwork; mechanical assembly work; sheet metal work; and in other trades;
- saws and sawblades, including the circular sawblades and chainsaw blades;
- the manufacture of knives and cutting blades for machines or for mechanical appliances;
- interchangeable tools for hand tools, whether or not power operated, or for machine tools: Drills, punches, dies, milling cutters, unmounted tool tips, plates or sticks of sintered metal carbides etc.;
- Blacksmiths' tools including forges and anvils. Manufacture of vices, clamps, blow lamps and the like; and
- locks, padlocks, clasps, keys and other hardware for buildings, furniture, vehicles or other applications.

Exclusions:

The manufacture of hollowware, dinnerware or flatware is classified under group 3559 (Manufacture of other fabricated metal products n.e.c.) or, if of precious metal, under group 3921 (Manufacture of jewellery and related articles).

The manufacture of power-driven hand tools is classified under group 3572 (Manufacture of machine-tools).

The manufacture of structural metal products such as metal doors, doorframes, etc. is classified under group 3541 (Manufacture of structural metal products).

The manufacture of cutlasses, swords, bayonets and similar arms are classified under group 3559 (Manufacture of other fabricated metal products n.e.c.).

3559 Manufacture of other fabricated metal products n.e.c.

This group includes the manufacture of the following:

- Metal fasteners: Nails, rivets, tacks, pins, staples, washers and similar non-threaded products; nuts, bolts, screws and other threaded products;
- screw machine products;
- metal cable, plaited bands and similar articles made of iron, steel, aluminium or copper;
- articles made of wire: Barbed wire, wire fencing, grill, netting, cloth, etc.;
- containers used for the packing or conveyance of goods: Casks, drums, pails, cans, boxes, etc.;
- springs, including semi-finished springs for all purposes other than watch springs: Leaf springs, helical springs, torsion bar springs, etc.;
- cutlasses, swords, bayonets and similar arms;

- hollowware, dinnerware or flatware, whether or not of base metal plated with precious metal; frying pans, saucepans and other metal cooking utensils;
- small hand-operated kitchen appliances used in the preparation, conditioning or serving of food;
- metal sanitary ware, including baths, sinks, wash-basins and other metal sanitary and toilet articles,

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whether or not enamelled;

- metal goods for office use, but not metal furniture;
- metal safety headgear;
- armoured or reinforced safes, strongboxes, strongroom gates and doors, etc.;
- railway or tramway fixtures or fittings (e.g. assembled track, turntables, platform buffers, etc.); and
- other metal goods not elsewhere classified including chain, except power transmission chain, ships' propellers and blades therefor, anchors, bells, picture frames, flexible tubing, clasps, buckles, hooks, metal scouring pads, sign plates, etc., regardless of the metal employed other than precious metal.

Exclusions:

The manufacture of containers for the storage or processing of materials is classified under group 3542 (Manufacture of tanks, reservoirs and similar containers of metal).

The manufacture of power transmission chain is classified under group 3563 (Manufacture of bearings, gears, gearing and driving elements).

The manufacture of insulated cable is classified under group 3630 (Manufacture of insulated wire and cable).

The manufacture of metal furniture is classified under subgroup 39101 (Manufacture of furniture made predominantly of metal).

The manufacture of bed springs is classified under group 3910 (Manufacture of furniture).

The manufacture of sports goods is classified under group 3923.

The manufacture of games and toys is classified under group 3924.

356 Manufacture of general purpose machinery

3561 Manufacture of engines and turbines, except aircraft, vehicle and motor cycle engines

This group includes the manufacture of the following:

- Reciprocating or rotary spark-ignition or compression-ignition internal combustion piston engines for use in moving or stationary applications other than for motor vehicle or aircraft propulsion;
- parts for the engines described above, e.g. valves;
- steam turbines and other vapour turbines;
- hydraulic turbines, water wheels, and their regulating machinery;
- gas turbines other than turbojets or turbopropellers intended for use in aircraft propulsion (the turbines included here are used in marine propulsion and as prime movers of electric generators or pumps); and
- boiler-turbine sets or a stationary steam engine with integral boiler.

Exclusions:

The manufacture of electrical and electronic aircraft engine parts is classified under group 3660 (Manufacture of other electrical equipment n.e.c.).

The manufacture of electrical and electronic equipment and components of internal combustion engines is also classified under group 3660.

The manufacture of motor vehicle, aircraft and cycle propulsion engines, including reaction engines,

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is classified under groups 3810 (Manufacture of motor vehicles), 3860 (Manufacture of aircraft and spacecraft) and 3871 (Manufacture of motor cycles), respectively.

3562 Manufacture of pumps, compressors, taps and valves

This group includes the manufacture of-

- hydraulic power engines and motors that consist of powerful pumps;
- pumps for liquids, whether or not fitted with measuring devices, including hand pumps and pumps designed for fitting onto internal combustion piston engines, concrete pumps and others;
- air or vacuum pumps, air or other gas compressors; and
- taps, cocks, valves and similar appliances for pipes, boiler shells, tanks, vats or the like, including pressure reducing valves and thermostatically controlled valves.

Exclusions:

The manufacture of taps, cocks, valves and similar appliances made of unhardened vulcanised rubber, ceramic materials or of glass is classified according to material under groups 3379 (Manufacture of other rubber products), 3421 (Manufacture of non-structural non-refractory ceramicware) and major group 341 (Manufacture of glass and glass products), respectively.

The manufacture of household-type fans, including floor fans, is classified under group 3580 (Manufacture of household appliances n.e.c.).

The manufacture of machine parts known as valves is generally classified under the same group as the machine, e.g. manufacture of inlet and exhaust valves for internal combustion engines for aircraft it classified under group 3860 (Manufacture of aircraft and spacecraft).

3563 Manufacture of bearings, gears, gearing and driving elements

This group includes the manufacture of ball and roller bearings, including balls, needles, rollers, races, retaining rings and other parts of bearings.

The manufacture of mechanical power transmission equipment of any material: Cam shafts, crank shafts, cranks; transmission shafts; bearing housings, pillow blocks; plain shaft and other bearing housings; gears and gearing, including friction gears; gear boxes and other variable speed drives; clutches, including automatic centrifugal clutches and compressed air clutches; flywheels, shaft couplings.

The manufacture of articulated link chain.

Exclusions:

The manufacture of electromagnetic clutches is classified under group 3660 (Manufacture of other electrical equipment n.e.c.).

The manufacture of sub-assemblies of power transmission equipment identifiable as parts of vehicles or aircraft is classified under the appropriate groups of division 38 (Manufacture of transport equipment).

3564 Manufacture of ovens, furnaces and furnace burners

This group includes the manufacture of non-electric furnaces and ovens for roasting, melting or other heat-treatment of ores, pyrites, non-metallic minerals, metals or other materials.

The manufacture of -

- electric furnaces or ovens, including induction or dielectric furnaces and ovens;
- industrial and laboratory electric induction and dielectric heating equipment, including incinerators;
- burners for liquid fuel, for pulverised solid fuel or for gas;

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- mechanical stokers, mechanical grates, mechanical ash dischargers and similar appliances.

Exclusions:

The manufacture of plant and equipment designed to raise the temperature of food, beverages or tobacco is classified under group 3575 (Manufacture of machinery for food, beverage and tobacco processing). The manufacture of non-electric bakery ovens is also classified under group 3575.

The manufacture of plant and equipment designed to raise the temperature of pulp, paper, or other industrial materials is classified under group 3579 (Manufacture of other special purpose machinery).

The manufacture of medical, surgical or laboratory sterilisers is classified under group 3741 (Manufacture of medical and surgical equipment and orthopaedic appliances).

The manufacture of household stoves and ovens are classified under group 3580 (Manufacture of household appliances n.e.c.).

3565 Manufacture of lifting and handling equipment

This group includes the manufacture of the following:

- Machines for the mechanical handling of materials, goods or people other than transport equipment; and complex machinery; continuous or intermittent action machines; stationary and mobile machines; and machines integrally mounted on a wheeled chassis;
- pulley tackle and hoists, winches and capstans; and jacks;
- Derricks; cranes, including cable cranes; mobile lifting frames, straddle carriers, works trucks whether or not fitted with a crane or other lifting or handling equipment, whether or not self-propelled, such as are found in factories, warehouses, dock areas, station platforms and elsewhere, including tractors for railway platforms.
- other lifting, handling, loading or unloading machinery (e.g. lifts, elevators, liquid elevators, conveyors); and
- specialised parts for lifting and handling equipment including buckets, shovels, grabs, but not bulldozer or angledozer blades.

Exclusions:

The manufacture of internal combustion engines for lifting and handling equipment is classified under group 3561 (Manufacture of engines and turbines, except aircraft, vehicle and motor cycle engines).

The manufacture of tractors used in agriculture is classified under group 3571 (Manufacture of agricultural and forestry machinery).

The manufacture of construction equipment is classified under group 3574 (Manufacture of machinery for mining, quarrying and construction).

The manufacture of material handling equipment specifically designed for underground use is also classified under group 3574.

3569 Manufacture of other general purpose machinery

This group includes the manufacture of -

- weighing machinery (other than sensitive laboratory balances): Household and shop scales, portable or mobile platform scales, scales for the continuous weighing of goods, scales for weighing a continuous flow of liquid, weighbridges etc.; weighing machinery incorporating calculators, converting weight to counts, or performing other operations based on weight;

- refrigerating or freezing equipment for commercial purposes such as display and dispensing cases;

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- refrigerating or freezing equipment for other purposes; assemblies of major components of the refrigerators and freezers classified here, e.g. compressors and condensers mounted on a common

base even though the motor, evaporator or cabinet is absent; furniture designed to accommodate refrigeration or freezing equipment;

- unit air-conditioners;

- filtering or purifying machinery or apparatus for liquids or gases. Such equipment varies greatly in size, function and operating characteristics, and therefore the processes used in their manufacture also vary greatly;

- equipment for projecting, dispersing or spraying liquids or powders, whether or not hand-operated. (In addition to manufacture of spray-guns and similar appliances, the manufacture of fire extinguishers, sand-blasting machines, steam-cleaning machines and similar jet projecting machines are included here.);

- packing and wrapping machinery including machines that perform one or more functions such as filling, closing, sealing, capsuling or labelling containers such as bottles, cans, boxes or bags; machinery for cleaning or drying bottles or other containers or for aerating beverages;

- distilling or rectifying plants; heat exchangers; and machinery for liquefying air or gas;

- producer gas or water gas and acetylene gas generators;

- fans intended for industrial applications, exhaust hoods for commercial, laboratory or industrial use;

- calendering or other rolling machines other than for metals or glass;

- centrifuges other than cream separators or clothes driers;

- gaskets and similar joints made of a combination of materials or layers of the same material; and

- other general purpose machinery not elsewhere classified including manufacture of specialised parts for general purpose machinery and equipment.

#### Exclusions:

In general, the manufacture of machinery or equipment used mainly by a particular industry or by a number of related industries (e.g. machine tools used in metal working units) is classified under the appropriate groups of major group 357 (Manufacture of special purpose machinery).

The manufacture of specialised spraying machinery for use in agriculture is classified under group 3571 (Manufacture of agricultural and forestry machinery).

The manufacture of metal or glass rolling machinery is classified under groups 3573 (Manufacture of machinery for metallurgy) and 3579 (Manufacture of other special purpose machinery), respectively.

The manufacture of cream separators is classified under group 3575 (Manufacture of machinery for food, beverage and tobacco processing).

The manufacture of apparatus for filtering or purifying food is also classified under group 3575.

The manufacture of industrial clothes driers is classified under group 3579 (Manufacture of other special purpose machinery).

The manufacture of domestic refrigerating or freezing equipment is classified under group 3580 (Manufacture of household appliances n.e.c.).

The manufacture of fans used mainly in homes or offices is also classified under group 3580.

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The manufacture of sensitive balances is classified under group 3742 (Manufacture of instruments and appliances for measuring, checking, testing, navigating and for other purposes except industrial process control equipment).

357 Manufacture of special purpose machinery

3571 Manufacture of agricultural and forestry machinery

This group includes the manufacture of -

- tractors used in agriculture or forestry, walking (manually controlled) tractors. Tractors fitted with winches or devices to facilitate the attachment or control of implements or power take-off units, earth-moving or other material handling equipment;
- self-loading or self-unloading trailers or semi-trailers designed for agricultural purposes;
- agricultural, horticultural or forestry machinery for soil preparation, planting or fertilising the crop, including ploughs, harrows, weeders, hoes, seeders, manure spreaders, thinners etc., whether or not self-propelled. (The manufacture of animal drawn machinery is included.);
- harvesting or threshing machinery (combined harvester-threshers; harvesters for cotton, grain, fruit, roots or tuber; mowers (lawn, hay or other mowers including cutter bars); balers; cleaning, sorting or grading machines for eggs, fruit or other crops; self-propelled, tractor or animal-drawn machinery;
- milking machines;
- spraying machinery for agricultural use; and
- other machinery used in agriculture, animal husbandry, horticulture or forestry: Poultry keeping machinery, equipment for preparing fodder, bee-keeping machinery, etc.

Exclusions:

The manufacture of hand tools used in agriculture, horticulture and forestry is classified under group 3553 (Manufacture of cutlery, hand tools and general hardware).

The manufacture of conveyors for farm use is classified under group 3565 (Manufacture of lifting and handling equipment).

The manufacture of works trucks and platform tractors is also classified under group 3565, whereas the manufacture of tractors used in construction or mining is classified under group 3574 (Manufacture of machinery for mining, quarrying and construction).

The manufacture of cream separators is classified under group 3575 (Manufacture of machinery for food, beverage and tobacco processing).

The manufacture of over-the-road tractors for semi-trailers is classified under group 3810 (Manufacture of motor vehicles).

3572 Manufacture of machine-tools

This group includes the manufacture of -

- machine-tools for working metal or other material such as wood, stone, cork, bones, hardened rubber, hard plastics, cold glass, etc.;

- machine-tools for turning, drilling, milling, shaping, planing, boring, grinding or performing other operations;
- stamping or pressing machine-tools; punch presses, hydraulic presses, shears, slitters, breaks, drop-hammers, forging machines and so forth; the manufacture of draw-benches, thread rollers or machines for working wire;

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- machine-tools of simple design (e.g. foot-operated kick-presses), of traditional design (e.g. manually controlled motor-driven), of advanced design (e.g. numerically controlled, multi-station transfer machines);
- machine-tools for working any material by the removal of material by laser beam or similar processes;
- machines for nailing, stapling, glueing or otherwise assembling wood, cork, bone, hard rubber, hard plastics or similar hard materials;
- gas or electric welding, brazing or soldering machines, whether or not also capable of cutting metal; the manufacture of machines that use a laser or other light or photon beam, ultrasonic waves, an electron beam, a magnetic pulse or a plasma arc;
- hand tools with selfcontained electric or non-electric motor or with pneumatic drive: Rotary or rotary percussion drills, chain saws, filing machines, wire brush machines, hammers, riveters, sheet metal cutters and others;
- presses for the manufacture of particle board or fibre building board of wood or other ligneous materials and other machinery for treating wood or cork; and
- parts and accessories for the machine tools classified here such as work holders (chucks, face plates), dividing heads and other special attachments for machine tools.

Exclusions:

The manufacture of interchangeable tools for hand tools or machine tools (drills, punches, dies, taps, milling cutters, turning tools, saw blades, cutting knives, and plates, sticks, tips and the like of sintered metal, carbides or cermets) is classified under group 3553 (Manufacture of cutlery, hand tools and general hardware).

Manufacture of machinery used in metal mills or foundries is classified under group 3573 (Manufacture of machinery for metallurgy).

The manufacture of machinery for mining, quarrying and construction is classified under group 3574.

The manufacture of a rock drill that cannot be held in the hand when operated is not considered to be a machine tool and is classified under group 3574 (Manufacture of machinery for mining, quarrying and construction) but the manufacture of a hand-held pneumatic rock drill remains classified here.

3573 Manufacture of machinery for metallurgy

This group includes the manufacture of machines and equipment for handling hot metals: Converters, ingot moulds, ladles and casting machines of a kind used in metallurgy or in metal foundries. The manufacture of metal-rolling mills and rolls for such mills.

Exclusions:

The manufacture of draw-benches for bars, tubes, profiles, wire or the like is classified under group 3572 (Manufacture of machine tools).

The manufacture of moulding boxes and moulds (except ingot moulds) and of machines for forming foundry moulds is classified under group 3579 (Manufacture of other special purpose machinery).

3574 Manufacture of machinery for mining, quarrying and construction



This group includes the manufacture of -

- lifting and handling machinery specially designed for use underground, e.g. conveyors: Boring or sinking machinery, whether or not intended for use underground;

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- machinery for treating minerals by screening, sorting, separating, washing, crushing, grinding, mixing, kneading or similar processes including concrete or mortar mixers, moulders, extruders, etc.;

- track-laying tractors and tractors used in construction or mining;

- bulldozers and angledozer blades and other specialised parts for the machines mentioned above. Graders, levellers, scrapers, mechanical shovels, excavators, shovel loaders, tamping machines and road rollers;

- pile-drivers and pile-extractors, and compacting machines;

- machines used in construction not elsewhere classified or included: Mortar spreaders, road building equipment (e.g. bitumen spreaders) machinery for surfacing concrete (grooving, smoothing, checkering) etc.; and

- bulldozer and angledozer blades and other specialised parts for the machines mentioned above.

#### Exclusions:

The manufacture of agricultural tractors is classified under group 3571 (Manufacture of agricultural and forestry machinery).

The manufacture of machine tools for working stone, including machines for splitting or cleaving stone, is classified under group 3572 (Manufacture of machine tools).

#### 3575 Manufacture of machinery for food, beverage and tobacco processing

This group includes the manufacture of -

- machinery used mainly by the dairy industry: Cream separators; milk processing machinery (homogenisers and irradiators); milk converting machinery (butter churns, butter workers and moulding machines); cheese-making machines (homogenisers, moulders, presses);

- machinery chiefly employed by the grain milling industry: Machinery to clean, sort or grade seed, grain or dried leguminous vegetables (winnowers, sieving belts, cyclone separators, aspirator separators, grain brushing machines and the like); machinery used to produce flour, meal or other ground products (grinding mills, "breaking" rolls or mills, feeders, sifters, bran cleaners, blenders, rice hullers, pea splitters etc.);

- presses, crushers and similar machinery used to make wine, cider, fruit juices or similar beverages;

- specialised machinery for use in the bakery industry or for making macaroni, spaghetti or similar products: Dough mixers, dough dividers, moulders, slicers, etc.;

- machinery, plants or equipment, including these electrically heated, for the treatment of food or drink by a change of temperature: Milk pasteurising, concentrating or cooking plants; vats for processing or curing cheese; for mashing, for concentrating or for other processes involving heating or cooling; autoclaves and plants for steaming, boiling, cooking, frying or drying food; non-electric bakery ovens;

- machinery for the extraction or preparation of animal or fixed vegetable fats or oils;

- machinery for the preparation of tobacco and for the making of cigarettes or cigars, or for pipe or chewing tobacco or snuff; and

- machines and equipment to process food not elsewhere classified: Machinery to make confectionery, cocoa or chocolate; to manufacture sugar; for breweries; to process meat or poultry

(dehairing or plucking, cutting or chopping, mincing or dicing, meat beating machines etc.); to prepare fruit, nuts or vegetables; to prepare fish, shellfish or other sea foods; filtering or purifying machinery; other machinery for the industrial preparation or manufacture of food or drink.

Exclusions:

The manufacture of vats and tanks not fitted with thermal or mechanical equipment is classified under group 3542 (Manufacture of tanks, reservoirs and similar containers of metal).

The manufacture of general purpose machinery is classified under the appropriate group of major group 356: Pumps or compressors - 3562; packing and wrapping machinery, weighing machinery - 3569 (Manufacture of other general purpose machinery).

The manufacture of cleaning, sorting or grading machinery for eggs, fruit or other crops is classified under group 3571 (Manufacture of agricultural and forestry machinery).

3576 Manufacture of machinery for textile, apparel and leather production

This group includes the manufacture of -

- machines for preparing textile fibres (natural or short man-made) up to the spinning stage and similar machines which prepare fibres for use as stuffing or for the manufacture of felt or wadding: Cotton gins, bale breakers, garnettors, cotton spreaders, wool scourers, wool carbonisers, combs, carders, roving frames etc.;
- spinning machines for converting rovings into yarn, including machines to form double, multiple or cabled yarns;
- machines for preparing textile yarns for use on weaving machines (looms) or knitting machines: Reelers, warpers and related machines;
- weaving machines (looms), including hand looms; knitting machines (flat or circular); machines for making knotted net, tulle, lace, braid and other special fabrics, including gimped yarn;
- auxiliary machines or equipment for the machines described above: Warp beam stands or creels, dobbies and jacquards, shuttle changing mechanisms, automatic spool changers, wool degreasing agitators; and parts for the above machines such as slides, combs and slide bars; metallic healds, needles for knitting machines; shuttles for weaving machines; warping beams; spindles for braiding machines etc.;
- machinery for washing, bleaching, dyeing, dressing, finishing, coating or impregnating textile yarns or fabrics or made-up textile articles; machines for applying paste to the base fabric or other support used in the manufacture of linoleum or similar floor coverings; machines for reeling, unreeling, folding, cutting or pinking textile fabrics;
- ironing machines, including fusing presses;
- laundry-type washing and drying machines and dry-cleaning machines;
- sewing machines and sewing machine heads, whether or not for household use: Machines for sewing together textile material, leather, furs, etc., to produce apparel, shoes, embroidery, luggage, headgear, sacks, etc.;
- sewing machine needles;
- machines for producing or finishing felt or non-wovens in the piece or in shapes, including machines for making felt hats;
- machinery for preparing, tanning or working hides, skins or leather, including dehairing machines, fleshing machines, hammer mills and hammering machines, shaving machines, and finishers such as machines that brush, glaze or grain leather; and

- machinery for making or repairing footwear or other articles of hides, skins, leather or furs.

Exclusions:

The manufacture of paper or paperboard cards for use on Jacquard machines is classified under group 3239 (Manufacture of other articles of paper and paperboard).

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The manufacture of ironing machines of the calender type is classified under group 3569 (Manufacture of other general purpose machinery).

The manufacture of machines for producing wire net or wire cloth, which operate on principles different from textile looms, is classified under group 3572 (Manufacture of machine tools).

The manufacture of sewing machines used in bookbinding is classified under group 3579 (Manufacture of other special purpose machinery).

3577 Manufacture of weapons and ammunition

This group includes the manufacture of -

- tanks and other fighting vehicles including armoured cars, tank recovery vehicles and armoured supply vehicles;
- heavy weapons, artillery, mobile guns including railway mounted guns; rocket projectors and launchers; torpedo tubes, depth charge throwers; heavy machine guns, etc.;
- small arms such as light machine guns, rifles, carbines, shot guns, revolvers or pistols. Small arms designed for use by the defence forces, the police, other organised services, or by hunters or sports persons;
- air or gas guns and pistols;
- firearms which fire blank cartridges, signal flares or capture-bolts and other non-projectile firing pistols or other "guns", and
- munitions for the weapons described above and for delivery by other means: Bombs, grenades, torpedoes, mines, rockets and similar munitions of war; cartridges, shotgun shells and other ammunition; projectiles; military ballistic and guided missiles.

Exclusions:

The manufacture of percussion caps, detonators or signalling flares is classified under group 3359 (Manufacture of other chemical products n.e.c.).

The manufacture of cutlasses, swords, bayonets and similar arms is classified under group 3559 (Manufacture of other fabricated metal products n.e.c.).

The manufacture of metal parts for ammunition and bombs is also classified under group 3559.

The manufacture of control equipment for guided missiles is classified under group 3742 (Manufacture of instruments and appliances for measuring, checking, testing, navigating and for other purposes, except industrial process control equipment).

The manufacture of vehicles for the transport of bank notes or valuables, sometimes called "armoured cars", is classified under group 3810 (Manufacture of motor vehicles).

Missile silos are considered structures that are produced at the construction site and are therefore classified under group 5022 (Construction of civil engineering structures).

3579 Manufacture of other special purpose machinery

This group includes the manufacture of special purpose machinery and equipment not elsewhere classified, such as -

- machines for extruding, drawing, texturing, manufacturing or cutting man-made textile fibres,

materials or yarns;

- machinery for working rubber or plastics or for the manufacture of products of these materials: Extruders, moulders, pneumatic tyre making or retreading machines and other machines for making a specific rubber or plastic product such as gramophone records;

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- machinery for the pulp, paper and paperboard industries: Machinery that uses heat specially designed for the pulp, paper and paperboard industries (e.g. digesters); cutters, grinders or crushers specially designed for preparing wood, bamboo, esparto, straw, rags, waste paper etc., for pulp, paper or paperboard manufacture; machines that convert cellulose bearing materials to pulp (e.g. beaters, refiners, strainers); paper or paperboard making machinery; corrugating machinery; machinery for finishing paper or paperboard (e.g. coating machines, ruling machines, crêping machines);

- machinery for producing paper of a given size or shape or for producing articles such as envelopes, paper bags, boxes or cartons (e.g. slitters, rulers, perforators, die-cutters, folders, stockers, winders, paper cup making machines, paper pulp moulders);

- type-founding machinery (e.g. automatic type foundry, type-casting machines); type-setting machinery (e.g. monotype machines, other keyboard machines for casting and setting type); printing type of wood, metal or plastics; machines for making impressed flongs, stereotyping plates, machines for acid etching plates and phototype-setting and composing machines; blocks, plates, cylinders and other printing components treated to render them suitable for engraving or impressing (e.g. lithographic stones, polished or grained metal cylinders, metal or plastic masters for use on offset machines, photogravure plates);

- printing machinery (e.g. ordinary presses, platen presses, cylinder presses, rotary presses and special printing machines such as screen printers and yarn printers, machines for printing on cork, clothing or other unusual materials); machines for uses ancillary to printing (e.g. stockers, feeders, folders, gummers, staplers);

- bookbinding machinery, including booksewing machines and machines for assembling paper by means of metal or plastic spirals and page numbering machines;

- machinery for producing tiles, bricks, shaped ceramic pastes, pipes, graphite electrodes, blackboard chalk, foundry moulds, etc.;

- moulding boxes for metal foundry; mould bases; moulding patterns; moulds for metal (other than ingot moulds), metal carbides, glass, mineral materials, rubber or plastics;

- centrifugal clothes driers; machines to assemble electric or electronic lamps, tubes (valves) or bulbs in glass envelopes; machines for production or hotworking of glass or glassware, glass fibre or yarn, e.g. glass rolling machinery; machinery or apparatus for isotopic separation; and

- other special purpose machinery and equipment not elsewhere classified.

#### Exclusions:

The manufacture of calenders (other than rolls for metal or glass), even if specially designed to work a particular material, is classified under group 3569 (Manufacture of other general purpose machinery).

The manufacture of machinery or equipment to work hard rubber, hard plastics or cold glass (mainly machine tools) is classified under group 3572 (Manufacture of machine tools).

Manufacture of household appliances is classified under group 3580 (Manufacture of household appliances n.e.c.).

The manufacture of office duplicating equipment is classified under group 3590 (Manufacture of office, accounting and computing machinery).

3580 Manufacture of household appliances n.e.c.

This group includes the manufacture of -

- household electric appliances: Electric blankets, refrigerators and freezers, dishwashers, laundry equipment (clothes washers, washer-dryers, dryers), vacuum cleaners, floor polishers,

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waste disposers, appliances to prepare or process food (grinders, blenders, juice squeezers, tin openers, etc.), and other household electric appliances (electric razors, electric tooth brushes, knife sharpeners, ventilating or recycling hoods, etc.);

- electro-thermic household appliances such as electric instantaneous storage or immersion heaters; electro-thermic hair dressing appliances (dryers, combs, brushes, curlers); electric smoothing irons; space heaters and household type fans; cooking appliances (ovens, microwave ovens, cookers, hot plates, toasters, coffee or tea makers, frying pans, roasters, grills, etc.); and electric heating resistors; and

- non-electric household space heaters, cooking ranges, grates, stoves and domestic central heating plants. The manufacture of non-electric water heaters, cooking appliances and plate warmers.

Exclusions:

The manufacture of industrial or commercial equipment similar to but usually heavier, larger and sturdier than the appliances described above is classified under the appropriate group of major group 356 (Manufacture of general purpose machinery) or 357 (Manufacture of special purpose machinery), e.g. -

- refrigerating or freezing equipment for commercial purposes is classified under group 3569 (Manufacture of other general purpose machinery);

- fans intended for industrial applications is also classified under group 3569; and

- laundry-type washing and drying machines is classified under group 3576 (Manufacture of machinery for textile, apparel and leather production).

The manufacture of sewing machines, whether or not for household use, is classified under group 3576 (Manufacture of machinery for textile, apparel and leather production).

3590 Manufacture of office, accounting and computing machinery

This group includes the manufacture of -

- hectograph or stencil duplicating machines, addressing machines and sheetfed office-type offset printing machines;

- manual or electric typewriters; automatic typewriters, i.e. typewriters through which a previously perforated band is run, causing it to type a stock message; machines with a limited memory able to correct and retype texts automatically; machines incorporating a device for transmitting typed figures to a separate calculating machine; word-processing machines;

- photocopying apparatus incorporating an optical system or of the contact type and thermo-copying apparatus;

- hand-held or desktop electronic calculating machines; other calculators; accounting machines, cash registers, postage franking machines, ticket-issuing machines and similar machines incorporating a calculating device;

- other office machinery or equipment: Machines that sort, wrap or count coins; automatic banknote dispensers; machines that stuff envelopes, sort mail; pencil sharpeners, perforating or stapling machines, etc.;

- automatic data-processing machines of the digital, analogue or hybrid type;

- complete digital systems comprising a central processing unit, an input unit and an output unit; digital systems which include peripheral units such as additional input/output units, additional storage units, etc.; units of the central processing system or peripherals;
- analogue data-processing machines comprising analogue elements, control elements and programming elements; additional elements for analogue computers having an input or an output function;

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- peripheral units for analogue machines such as punch tape readers, curve followers, graph plotters, etc.;
- hybrid (analogue/digital) machines; and
- magnetic or optical readers; machines for transcribing data on to data media in coded form; machines for processing data, decoding and giving the result in clear.

Exclusions:

The manufacture of electronic parts of computing machinery is classified under group 3710 (Manufacture of electronic valves and tubes and other electronic components).

The manufacture of electronic games (e.g. video games, checkers) is classified under group 3924 (Manufacture of games and toys).

The maintenance and repair of office, accounting and computing machinery are classified under subgroup 86500.

DIVISION 36: MANUFACTURE OF ELECTRICAL MACHINERY AND APPARATUS N.E.C.

3610 Manufacture of electric motors, generators and transformers

This group includes the manufacture of -

- alternating or direct current (DC) generator sets;
- alternating current (AC) generators;
- universal AC/DC motors;
- DC motors or generators;
- rotary converters; and
- electrical transformers of all sizes and types; static converters; apparatus based on mercury arc rectifiers, diode rectifiers, metal or crystal rectifiers, battery chargers, high tension generators, synchronous mechanical contact rectifiers and other static converters; inductors.

Exclusions:

The manufacture of vehicle generators and cranking motors is classified under group 3660 (Manufacture of other electrical equipment n.e.c.).

The manufacture of diodes is classified under group 3710 (Manufacture of electronic valves and tubes and other electronic components).

3620 Manufacture of electricity distribution and control apparatus

This group includes the manufacture of -

- electrical apparatus for switching or protecting electrical circuits, or for making connections to or in electrical circuits (e.g. switches, fuses, lightning arresters, voltage limiters, surge suppressors, plugs, junction boxes), for a voltage exceeding 1 000 volts such as are generally used in power distribution systems;
- apparatus for switching or protecting electrical circuits, similar to the apparatus described

above, but including relays, sockets, lamp holders, etc., for a voltage not exceeding 1 000 volts, such as are generally used for dwellings, industrial equipment or household appliances; and

- boards, panels (including numerical control panels), consoles, desks, cabinets and other bases,

equipped with two or more of the apparatus described above, for electricity control or the distribution of electricity, including those incorporating instruments or apparatus of group 3742 (Manufacture of instruments and appliances for measuring, checking, testing, navigating and for other purposes, except industrial process control equipment).

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Exclusions:

The manufacture of parts of moulded plastics, of glass or of ceramic material is classified under group 3380 (Manufacture of plastic products), major group 341 (Manufacture of glass and glass products) and group 3421 (Manufacture of non-structural non-refractory ceramicware), respectively.

The manufacture of fuse wire or strip is classified under major group 352 (Manufacture of basic precious and non-ferrous metals).

The manufacture of carbon or graphite electrodes is classified under group 3660 (Manufacture of other electrical equipment n.e.c.).

The manufacture of boards, panels, consoles, etc., for use in line telephony or line telegraphy is classified under group 3720 (Manufacture of television and radio transmitters and apparatus for line telephony and line telegraphy).

3630 Manufacture of insulated wire and cable

This group includes the manufacture of -

- insulated (including enamelled or anodised) wire, cable (including co-axial cable) and other insulated conductors, whether or not fitted with connectors;
- insulated strip such as is used in large capacity machines or control equipment; and
- optical fibre cables made up of individually sheathed fibres, whether or not assembled with electric conductors or fitted with connectors.

Exclusions:

The manufacture of uninsulated non-ferrous metal wire is classified under major group 352 (Manufacture of basic precious and non-ferrous metals).

The manufacture of uninsulated metal cable or insulated cable not capable of being used as a conductor is classified under group 3559 (Manufacture of other fabricated metal products n.e.c.).

The manufacture of wiring sets is classified under group 3660 (Manufacture of other electrical equipment n.e.c.).

The manufacture of optical fibres and of cables of optical fibres not individually sheathed is classified under group 3750 (Manufacture of optical instruments and photographic equipment).

3640 Manufacture of accumulators, primary cells and primary batteries

This group includes the manufacture of -

- primary cells and primary batteries: Cells containing manganese dioxide, mercuric oxide, silver oxide or other material; and
- electric accumulators including parts of accumulators such as separators, containers, covers, lead plates and grids. The manufacture of lead-acid, nickel-cadmium, nickel-iron or other accumulators.

3650 Manufacture of electric lamps and lighting equipment

This group includes the manufacture of the following:

- Electric filament lamps including sealed beam lamp units;

- ultra-violet or infra-red lamps;
- discharge lamps: Fluorescent, hot cathode or other discharge lamps;
- arch lamps;
- lighting equipment, including non-electric;
- flash bulbs used in photography;

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- illuminated signs, illuminated nameplates and the like; and
- lighting sets of a kind used for christmas trees.

Exclusions:

The manufacture of lighting equipment for cycles and motor vehicles is classified under group 3660 (Manufacture of other electrical equipment n.e.c.), whereas the manufacture of lighting equipment for other vehicles remains classified here.

3660 Manufacture of other electrical equipment n.e.c.

This group includes the manufacture of -

- electrical ignition or starting equipment of a kind used for spark-ignition or compression-ignition internal combustion engines: Ignition magnetos, magneto-dynamos, ignition coils, sparking plugs, glow plugs, starter motors, generators (dynamos, alternators) cutouts, voltage regulators, etc., cranking motors;
- ignition wiring sets of a kind used in vehicles, aircraft, ships and other machinery;
- specialised electrical lighting or signalling equipment for use on cycles and motor vehicles: Headlamps (other than sealed beam lamp units) and lamps or lights for parking, warning, turning, inspecting, interior lighting, external indicators for taxis, police, ambulances, etc.;
- sound signalling devices such as horns, sirens and other electrical sound signalling appliances; other electrically activated sound or visual signalling apparatus (e.g. bells, indicator panels, burglar or fire alarms);
- windscreen wipers and electrical defrosters and demisters;
- dynamos for cycles;
- electrical signalling, safety or traffic control equipment for motorways, roads or streets; railways and tramways; inland waterways, ports and harbours and airports;
- electro-magnets; electro-magnetic or permanent magnet chucks, clutches, brakes, couplings, clamps or lifting heads;
- electrical insulators, except of glass or ceramics; insulating fittings for electrical machines or equipment, except of ceramics or plastic; carbon or graphite electrodes; electrical conduit tubing and joints for such tubing, of base metal lined with insulating material;
- electrical machines and apparatus not elsewhere classified: Particle accelerators, signal generators, mine detectors, electrical mine detonators, defrosters and demisters with electrical resistors for aircraft, ships, trains and other vehicles, and other electrical machines and apparatus;
- electronic engine parts; and
- electronic equipment not elsewhere classified.

Exclusions:

The manufacture of glass envelopes for lamps is classified under group 3411 (Manufacture of glass and glass products).



The manufacture of electrically operated handheld spray-guns is classified under group 3569

(Manufacture of other general purpose machinery).

The manufacture of electric lawnmowers is classified under group 3571 (Manufacture of agricultural and forestry machinery).

The manufacture of electric razors is classified under group 3580 (Manufacture of household appliances n.e.c.).

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The manufacture of electronic valves and tubes (including cold cathode valves) is classified under group 3710 (Manufacture of electronic valves and tubes and other electronic components).

The manufacture of electrically operated handheld medical or dental instruments is classified under group 3741 (Manufacture of medical and surgical equipment and orthopaedic appliances).

**DIVISION 37: MANUFACTURE OF RADIO, TELEVISION AND COMMUNICATION EQUIPMENT AND APPARATUS AND OF MEDICAL, PRECISION AND OPTICAL INSTRUMENTS, WATCHES AND CLOCKS**

**3710 Manufacture of electronic valves and tubes and other electronic components**

This group includes the manufacture of -

- thermionic, cold cathode or photo-cathode valves or tubes (e.g. television picture tubes, television camera tubes, image converters and intensifiers, microwave tubes, receiver or amplifier valves or tubes, etc.);

- diodes, transistors and similar semi-conductor devices; photosensitive semi-conductor devices including photo-voltaic cells; mounted piezo-electric crystals;

- electronic integrated circuits and micro-assemblies: Monolithic integrated circuits, hybrid integrated circuits and electronic micro-assemblies of moulded module, micromodule or similar types;

- printed circuits, i.e. circuits which are made by forming on an insulating base, by conventional or non-conventional printing process, conductor elements, contacts or other printed "passive" elements such as inductances, resistors and capacitors, among other things;

- electrical capacitors (or condensers); fixed, variable or adjustable; and

- resistors, including rheostats and potentiometers, other than heating resistors.

**Exclusions:**

The manufacture of an assembly consisting of a number of electronic micro-circuits mounted on an appropriate carrier, e.g. one designed as a part of a digital data processing machine, is generally classified under the same class as the complete machine.

The manufacture of transformers is classified under group 3610 (Manufacture of electric motors, generators and transformers).

The manufacture of switches is classified under group 3620 (Manufacture of electricity distribution and control apparatus).

**3720 Manufacture of television and radio transmitters and apparatus for line telephony and line telegraphy**

This group includes the manufacture of -

- apparatus for radio-broadcasting by means of electromagnetic waves without any line connection. The manufacture of apparatus for television transmission whether or not by line. Included is the manufacture of relay transmitters and television transmitters for industrial use;

- transmission apparatus for radio-telephony, radio-telegraphy, whether or not incorporating reception apparatus or sound recording or reproducing apparatus: Fixed transmitters and transmitter-

receivers, radio-telephony apparatus for transport equipment, radio-telephones, other transponders, "facsimile" radio-telegraphic apparatus, etc.;

- television cameras of all kinds; and
- apparatus for line telephony or line telegraphy, including such apparatus for carrier-current line systems; reception apparatus for radio-telephony or radio-telegraphy including apparatus

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combined with sound recording or reproducing apparatus or a clock. Included is the manufacture of telephone sets, automatic and non-automatic switchboards and exchanges; and Morse or Morse-type keys other telegraphic transmitters, Morse-type recorders, printer-type receivers, picture telegraphic transmitters and receivers, etc.

Exclusions:

The manufacture of general purpose parts (e.g. primary batteries or insulated wire) is classified under the appropriate group of Division 36 (Manufacture of electrical machinery and apparatus n.e.c.) or under group 3710 (Manufacture of electronic valves and tubes and other electronic components).

3730 Manufacture of television and radio receivers, sound or video recording or reproducing apparatus and associated goods

This group includes the manufacture of -

- television receivers (including video monitors and video projectors), whether or not combined in the same housing with radio-broadcast receivers or sound or video recording or reproducing apparatus;
- reception apparatus for radio-broadcasting including apparatus with sound recording or reproducing apparatus or a clock;
- magnetic tape recorders and other sound recording appliances, including those incorporating a sound reproducing device: Telephone answering machines, cassette type recorders, etc.;
- video recording or reproducing apparatus;
- turntables (record decks), record players, cassette players and other sound reproducing apparatus;
- microphones, loudspeakers, headphones, earphones, amplifiers and sound amplifier sets, regardless of the particular purpose for which the apparatus may be designed; and
- specialized parts for the equipment resulting from the activities classified in this classification: Pick-ups, tone-arms, sound-heads, tables for turntables, record cutters, aerials of all kinds and aerial reflectors and aerial rotors.

Exclusions:

The manufacture of television cameras is classified under group 3720 (Manufacture of television and radio transmitters and apparatus for line telephony and line telegraphy).

374 Manufacture of medical appliances and instruments and appliances for measuring, checking, testing, navigating and for other purposes, except optical instruments

3741 Manufacture of medical and surgical equipment and orthopaedic appliances

This group includes the manufacture of -

- instruments and appliances used in medical, surgical, dental or veterinary practice or science, including electro-diagnostic apparatus such as electro-cardiographs, dental drill engines, ophthalmic instruments, including sight testing sets, syringes, with or without needles, needles used in medicine and other instruments and appliances, including optical instruments such as mirrors and reflectors,

endoscopes, etc.;

- apparatus based on the use of X-rays or alpha, beta or gamma radiations, whether or not for use in human or animal medicine. Included is the manufacture of X-ray tubes, high-tension generators, control panels, desks, screens and the like;

- sterilisers;

- mechano-therapy appliances; massage apparatus; psychological testing apparatus; ozone therapy, oxygen therapy, artificial respiration or other therapeutic respiratory apparatus; other breathing appliances and gas masks other than simple protective masks;

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- orthopaedic appliances including crutches, surgical belts and trusses, orthopaedic corsets and shoes; splints and other fracture appliances; appliances worn, carried or implanted (e.g. hearing aids or pace-makers);

- artificial teeth, artificial limbs and other artificial parts of the body; and

- medical, surgical, dental or veterinary furniture such as operating tables, hospital beds with mechanical fittings, dentists' chairs and barbers' chairs with the same or similar movement capability.

#### Exclusions:

The manufacture of surgical dressings, medicated wadding, fracture bandages, catgut, and other prepared sutures is classified under group 3353 (Manufacture of pharmaceuticals, medicinal chemicals and botanical products). The manufacture of cement used in dentistry is also classified under group 3353.

The manufacture of thermometers is classified under group 3742 (Manufacture of instruments and appliances for measuring, checking, testing, navigating and for other purposes, except industrial process control equipment).

The manufacture of corrective spectacle lenses and of their frames or of compound optical microscopes is classified under group 3750 (Manufacture of optical instruments and photographic equipment).

The activity of denture fitting by dentists or the fitting of spectacles by optometrists is classified under the appropriate groups of major group 931 (Human health activities).

#### 3742 Manufacture of instruments and appliances for measuring, checking, testing, navigating and for other purposes, except industrial process control equipment

This group includes the manufacture of -

- sensitive balances;

- drawing, marking-out or mathematical calculating instruments, including instruments for measuring length by hand (e.g. measuring rods and tapes, micrometers, callipers and gauges);

- microscopes other than optical microscopes and diffraction apparatus;

- apparatus for measuring and checking electrical quantities (e.g. oscilloscopes, spectrum analysers; and instruments for checking current, voltage, resistance) with or without a recording device;

- apparatus for measuring or checking non-electrical quantities (e.g. radiation detectors and counters, instruments and apparatus specially designed for telecommunication, such as cross-talk meters and apparatus for testing and regulating vehicle motors);

- automatic regulating or controlling instruments and apparatus (e.g. thermostats, pressure controllers, level regulators, humidity regulators, overdraught regulators; and automatic regulators of electrical quantities), except industrial process control equipment;

- navigational, meteorological, geophysical and related instruments and apparatus (e.g. surveying

instruments such as theodolites) oceanographic or hydrological instruments, seismometers, rangefinders, automatic pilots, sextants, ultrasonic sounding instruments and special instruments for air navigation;

- radar apparatus and radio remote control apparatus;

- electricity supply meters and supply meters for water and gas;

- machines and appliances for testing the physical properties of materials: Machines and apparatus for testing hardness and other properties of metals; for testing wear and tear and other properties of textiles; aid for testing the physical properties of paper, linoleum, plastics, rubber, wood, concrete and other materials;

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- instruments and apparatus for carrying out physical or chemical analyses (e.g. polarimeters, refractometers, colorimeters, Orsob's apparatus, pH-meters, viscometers, surface tension instruments);

- instruments and apparatus for measuring or checking the flow, level, pressure or other variables of liquids or gases (e.g. flow meters, level gauges, manometers, heat meters), except industrial process control equipment; and

- other measuring, checking or testing instruments, apparatus or machines (e.g. hydrometers, thermometers, barometers, revolution counters, taximeters, pedometers, tachometers, balancing machines, test benches, comparators (including optical comparators and other optical-type measuring and checking appliances and instruments)), instruments for checking watches or watch parts, etc., except industrial process control equipment.

### Exclusions:

The manufacture of pumps incorporating measuring devices is classified under group 3562 (Manufacture of pumps, compressors, taps and valves).

The manufacture of medical and surgical instruments is classified under group 3741 (Manufacture of medical and surgical equipment and orthopaedic appliances).

The manufacture of industrial process control equipment is classified under group 3743.

The manufacture of binoculars, monoculars and similar optical devices is classified under group 3750 (Manufacture of optical instruments and photographic equipment).

### 3743 Manufacture of industrial process control equipment

This group includes the manufacture of instruments and apparatus used for the automatic continuous measurement and control of variables, such as temperature, pressure, viscosity and the like of materials or products as they are being manufactured or otherwise processed.

### 3750 Manufacture of optical instruments and photographic equipment

This group includes the manufacture of -

- optical elements of glass or of any other material (e.g. quartz, fluorspar, plastic or metal);

- prisms and lenses, mirrors constituting optical elements, colour filters, polarising elements, etc.;

- ophthalmic lenses, including contact lenses;

- optical fibres and cables of optical fibres not individually sheathed;

- mounted optical elements;

- spectacle frames and frames fitted with lenses whether or not the lenses are optically worked: Sunglasses, protective glasses and corrective glasses;

- optical instruments such as binoculars, monoculars, other optical telescopes and their mountings; optical astronomical instruments;

- compound optical microscopes, including those for photomicrography and microprojection;
- other optical appliances and instruments (e.g. telescopic sights for fitting to arms, machines or appliances; lasers other than laser diodes; hand magnifying glasses and magnifiers; mounted, optically worked glass mirrors, door eyes);
- still or cinematographic cameras; cameras of all types for all purposes, including those used to prepare printing plates for underwater or aerial photography, or for producing microfilm or microfiche; cinematographic sound cameras;
- image projectors, enlargers and reducers including microfilm, microfiche or other microfilm readers;

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- cinematographic projectors, including those incorporating sound reproducing apparatus;
- discharge lamps ("electronic") and other flashlight apparatus, but not flash bulbs;
- apparatus and equipment for photographic (including cinematographic) laboratories; and
- apparatus for the projection of circuit patterns on sensitised semi-conductor materials; projection screens.

#### Exclusions:

The manufacture of photo chemical products is classified under group 3359 (Manufacture of other chemical products n.e.c.).

The manufacture of unworked glass optical elements is classified under major group 341 (Manufacture of glass and glass products), but unworked optical elements of other materials remain classified under this group.

The manufacture of photocopying apparatus incorporating an optical system or of the contact type and thermo-copying apparatus is classified under group 3590 (Manufacture of office, accounting and computing machinery).

The manufacture of optical fibre cables made up of individually sheathed fibres is classified under group 3630 (Manufacture of insulated wire and cable).

The manufacture of photographic flash bulbs is classified under group 3650 (Manufacture of electric lamps and lighting equipment).

The manufacture of television cameras is classified under group 3720 (Manufacture of television and radio transmitters and apparatus for line telephony and line telegraphy).

The manufacture of video cameras is classified under group 3730 (Manufacture of television and radio receivers, sound or video recording or reproducing apparatus and associated goods).

The manufacture of medical and surgical instruments containing optical elements (e.g. endoscopes) is classified under group 3741 (Manufacture of medical and surgical equipment and orthopaedic appliances) and the manufacture of measuring or checking appliances containing optical elements under group 3742 (Manufacture of instruments and appliances for measuring, checking, testing, navigating and for other purposes, except industrial process control equipment), if for other uses (e.g. theodolites).

Optical dispensers are classified under group 9319 (Other human health activities).

#### 3760 Manufacture of watches and clocks

This group includes the manufacture of -

- watches and clocks of all kinds; watch and clock cases, including cases of precious metals; parts of watches and clocks, including watch and clock movements;
- apparatus for recording the time of day and apparatus for measuring, recording or otherwise

indicating intervals of time, with a watch or clock movement or with a synchronous motor; time switches with a clock or watch movement or with a synchronous motor;

- metal watch straps, watch bands and watch bracelets including those of precious metal; and
- watch and clock parts such as springs, jewels, dials, plates, bridges and other parts.

Exclusions:

The manufacture of watch bands of materials other than metal is classified under group 3162 (Manufacture of luggage, handbags and the like, saddlery and harness).

DIVISION 38: MANUFACTURE OF TRANSPORT EQUIPMENT

3810 Manufacture of motor vehicles

This group includes the manufacture of -

- motor cars and other motor vehicles principally designed for the transport of persons: Personal passenger motor cars, passenger motor vehicles designed to negotiate unusual terrain (snow mobiles, golf carts, cross-country cars, amphibian motor vehicles) and public transport type passenger motor vehicles, e.g. buses;
- motor vehicles for the transport of goods: Ordinary lorries and vans (flat, tarpaulin covered, closed, etc.); lorries with automatic discharging devices, tankers, drop frame lorries, refuse collectors, etc.; special purpose motor lorries and trucks (motor breakdown lorries, armoured cars, fire engines, street sweepers, mobile medical and dental clinics, travelling libraries, etc.);
- over-the-road tractors for semi-trailers;
- chassis fitted with engines for the motor vehicles described above; and
- reciprocating or rotary internal combustion piston engines with compression or spark ignition used mainly to power motor vehicles. Also included are the activities of specialised automotive engineers engaged in the reconditioning and/or rebuilding of motor vehicle engines described above for the motor trade.

Exclusions:

The manufacture of electrical equipment for motor vehicles is classified under group 3660 (Manufacture of other electrical equipment n.e.c.).

The conversions of motor vehicle bodies or the building of bodies on chassis fitted with engines for motor vehicles is classified under group 3820 (Manufacture of bodies(coachwork) for motor vehicles; manufacture of trailers and semi-trailers).

The manufacture of parts and accessories for motor vehicles and their engines is classified under group 3830 (Manufacture of parts and accessories for motor vehicles and their engines).

3820 Manufacture of bodies (coachwork) for motor vehicles; manufacture of trailers and semi-trailers

This group includes the manufacture of -

- bodies (including cabs) designed to be mounted on motor vehicle chassis, bodies for vehicles without chassis and unit construction bodies; bodies for passenger vehicles, lorries and special purpose vehicles; bodies of metal, wood, plastic or combinations of these or other materials;
- trailers and semi-trailers designed to be drawn by motor vehicles; trailers and semi-trailers of the caravan type used for housing or camping, for the transport of goods (e.g. tankers, removal trailers, motor car carriers, ammunition limbers, etc.) for the transport of passengers and for other purposes including "road-rail" trailers;

- part of trailers and semi-trailers; and
- containers (including containers for the transport of fluids) specially designed and equipped for carriage by one or more modes of transport.

Exclusions:

The manufacture of trailers and semi-trailers specially designed for use in agriculture is classified under group 3571 (Manufacture of agricultural and forestry machinery). Trailers of that type are frequently provided with couplings permitting the attachment of choppers, spreaders, or other devices or are fitted with attachments.

The manufacture of trailer mounted agricultural machinery is classified under group 3571.

The manufacture of transportable (mobile) homes and offices is classified under group 3222

(Manufacture of builders' carpentry and joinery) if made predominantly of wood and under group 3541 (Manufacture of structural metal products) if made predominantly of metal.

The manufacture of parts and accessories of bodies for motor vehicles is classified under subgroup 38309 (Manufacture of other motor vehicle parts and accessories)

3830 Manufacture of parts and accessories for motor vehicles and their engines

This group includes the manufacture of parts and accessories for motor vehicles, including their bodies and engines: Brakes, gear boxes, axles, road wheels, suspension shock absorbers, radiators, silencers, exhaust pipes, clutches, steering wheels, steering columns and steering boxes and other parts and accessories not elsewhere classified.

Also included are the activities of specialised automotive engineers engaged in the reconditioning and/or rebuilding of automotive parts such as differentials, gear boxes, clutches and brake-shoes, primarily for the motor trade.

The manufacturing and upholstering of seats for motor vehicles for the motor trade, regardless of the material used (textile, leather, etc.).

Exclusions:

The manufacture of motor vehicle engines and the reconditioning and rebuilding of such engines by specialised motor engineering workshops working primarily for the motor trade are classified under group 3810 (Manufacture of motor vehicles).

The manufacture of chassis with engines is also classified under group 3810.

The manufacture of bodies for motor vehicles is classified under group 3820.

The manufacture of springs for motor vehicles is classified under group 3559 (Manufacture of other fabricated metal products n.e.c.).

384 Building and repairing of ships and boats

3841 Building and repairing of ships

This group includes the building and repairing of ships (other than yachts and other vessels for pleasure or sports) and the construction and repair of floating structures. The manufacture of sections for ships or floating structures. The building of vessels used in commerce, in pursuits related to commerce or in the carriage of passengers including multi-purpose vessels. The building of vessels designed for ocean, coastal or inland waters.

The building of passenger vessels. The building of fishing boats and fish processing factory vessels. The building of tugs and pusher craft. The building of non-motorised vessels (e.g. barges). The building of vessels designed to be stationary (e.g. lightships). The building of vessels the main activity of which is not navigation (e.g. dredgers, floating docks, floating or submersible drilling platforms).

The building of hovercraft.

The building of boats with hulls resembling pleasure boats, but specially equipped for commercial service or services related to commerce.

The building of warships and auxiliary naval vessels (e.g. troop-ships and hospital ships).

The building of vessels built or equipped for scientific investigation.

The construction of floating structures: Pontoons, inflatable rafts, coffer-dams, landing stages, buoys, floating tanks, etc.

The maintenance, overhaul and repairing of ships of floating structures.

The breaking-up of ships.

Exclusions:

The manufacture of parts of vessels, other than major hull assemblies, is classified either according to material used e.g. sails, group 3121 (Manufacture of made-up textile articles, except apparel), iron or steel anchors, group 3559 (Manufacture of other fabricated metal products n.e.c.) or according to type of article e.g. compression ignition engines, group 3561 (Manufacture of engines and turbines, except aircraft, vehicle and motor cycle engines).

The manufacture of navigational and other instruments used aboard ships is classified under group 3742 (Manufacture of instruments and appliances for measuring, checking, testing, navigating and for other purposes, except industrial process control equipment).

The manufacture of amphibian motor vehicles is classified under group 3810 (Manufacture of motor vehicles).

3842 Building and repairing of pleasure and sporting boats

This group includes the building and repairing of yachts and other vessels for pleasure or sport, including rowing boats, canoes and inflatable boats.

The building of pleasure boats designed to accept inboard or outboard motors or to be propelled by wind, paddles or oars.

The building of yachts, cabin cruisers, sport, fishing and other pleasure boats, some of which may be quite large, although boats are generally smaller than ships.

The building of dories, skiffs, oared lifeboats, cutters, kayaks, canoes, racing shells, pedalos, etc.

Exclusions:

The manufacture of boats with hulls resembling pleasure boats but different from pleasure boats in that they are equipped for commercial service is classified under group 3841 (Building and repairing of ships). See also exclusions to group 3841.

3850 Manufacture of railway and tramway locomotives and rolling stock

This group includes the manufacture of -

- rail locomotives: Rail locomotives powered from an external source of electricity or by electric accumulators, diesel-electric locomotives, rail locomotives powered by compression ignition engines or rail locomotives powered by other means (e.g. gas turbine, steam engine, spark-ignition engine), and locomotive tenders;

- self-propelled railway or tramway coaches, vans and trucks, regardless of the power source. Included is the manufacture of self-propelled railway or tramway maintenance or service vehicles (e.g. workshops, cranes, testing coaches);

- railway or tramway rolling stock, not self-propelled: Passenger coaches, goods vans, tank wagons, self-discharging vans and wagons, and workshop vans, crane vans, etc.;

- specialised parts of railway or tramway locomotives or of rolling-stock: Bogies, axles and wheels, brakes and parts of brakes; hooks and coupling devices, buffers and buffer parts; shock absorbers



(but not springs); wagon and locomotive frames; bodies; corridor connections, etc.; and

- mechanical (including electro-mechanical) signaling, safety or traffic control equipment for railways, tramways, roads, inland waterways, parking facilities, port installations or airfields. The activities classified here result in apparatus in which the signal, etc., is operated from a control point, generally at some distance, by the movement of cranks, levers, rods, wires, chains, etc., by hydro-pneumatic devices or electric motors (e.g. signal box equipment, point locks, railbrakes, automatic fog-signaling apparatus, level crossing control gear).

Exclusions:

The manufacture of unassembled rails is classified under major group 351 (Manufacture of basic iron and steel).

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The manufacture of engines and turbines is classified under group 3561. The manufacture of electric motors is classified under group 3610 (Manufacture of electric motors, generators and transformers).

The manufacture of electrical signaling, safety or traffic control equipment is classified under group 3660 (Manufacture of other electrical equipment n.e.c.).

The manufacture of springs is classified under group 3559 (Manufacture of other fabricated metal products).

The manufacture of furniture for railway or tramway coaches is classified under group 3910 (Manufacture of furniture).

3860 Manufacture of aircraft and spacecraft

This group includes the manufacture of -

- heavier-than-air aeroplanes, whether or not motorised, lighter-than-air flying machines, balloons, spacecraft and spacecraft launch vehicles;
- fixed-wing, manned motorised aeroplanes for the transport of goods or passengers, for use by the defence forces, for sport or other purposes;
- rotary-wing aircraft for all purposes;
- gliders, hang-gliders and other non-powered aircraft;
- dirigibles; balloons used in aeronautics and meteorology;
- spacecraft, whether or not equipped to sustain life in space; spacecraft launch vehicles other than military launch vehicles;
- aircraft launching gear; deck-arrestor or similar gear, ground flying trainers;
- parts and accessories of the aircraft of this group; major assemblies such as fuselages, wings, doors, control surfaces, landing gear including seaplane floats, fuel tanks, nacelles, etc.; specialised parts of the major assemblies for installation on aircraft; parts of balloons and airships, and parts of spacecraft and launch vehicles;
- airscrews, helicopter rotors and propelled rotor blades;
- motors and engines of a kind typically found on aircraft;
- spark-ignition reciprocating or rotary internal combustion aircraft engines;
- turbojets or turbopropellers for aircraft;
- reaction engines: Ram jets and pulse jets, and rocket engines; and
- parts of turbojets and turbopropellers.

Included are the maintenance, repair and alteration of aircraft or aircraft engines.

Exclusions:

The manufacture of military ballistic missiles is classified under group 3577 (Manufacture of weapons and ammunition).

The manufacture of ignition parts and other electrical parts for such engines is classified under group 3660 (Manufacture of other electrical equipment n.e.c.).

The manufacture of navigational and other instruments used on aircraft is classified under group 3742 (Manufacture of instruments and appliances for measuring, checking, testing, navigating and for other purposes, except industrial process control equipment).

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The manufacture of furniture for aircraft and spacecraft is classified under group 3910 (Manufacture of furniture).

387 Manufacture of transport equipment n.e.c.

3871 Manufacture of motor cycles

This group includes the manufacture of -

- motor cycles (including mopeds) and cycles fitted with an auxiliary engine, whether or not with attached side-car; delivery or sporting motor cycles;
- engines for motor cycles; and
- side-cars; parts and accessories of motor cycles.

Exclusions:

The manufacture of bicycles or of motorised invalid carriages is classified under group 3872.

3872 Manufacture of bicycles and invalid carriages

This group includes the manufacture of -

- non-motorised cycles, i.e. pedal operated vehicles equipped with one or more wheels; delivery tricycles, bicycles with a side-car, tandem bicycles, racing bicycles and children's bicycles, but not other types of children's cycles;
- invalid carriages, whether or not motorised or otherwise mechanically propelled; and
- parts of bicycles (including saddles) and invalid carriages.

Exclusions:

The manufacture of bicycles with an auxiliary motor is classified under group 3871 (Manufacture of motor cycles). The manufacture of side-cars for motor cycles is also classified under group 3871.

The manufacture of children's cycles (other than bicycles) is classified under group 3924 (Manufacture of games and toys).

3879 Manufacture of other transport equipment n.e.c.

This group includes the manufacture of vehicles not elsewhere classified.

The manufacture of hand-propelled vehicles; Supermarket trolleys, wheelbarrows, luggage trucks, sledges, wheeled baskets, handcarts, trucks and trolleys of various sorts, including those specialised for particular industries.

The manufacture of vehicles drawn by animals: Sulkies, donkey-carts, spraying and sprinkling carts, etc.

Exclusion:

The manufacture of baby carriages is classified under group 3929 (Other manufacturing n.e.c.).

#### DIVISION 39: MANUFACTURE OF FURNITURE; MANUFACTURING N.E.C.; RECYCLING

##### 3910 Manufacture of furniture

This group includes the manufacture of furniture of all kinds (household, office, hotel, restaurant and institutional furniture; fixtures; bed springs and mattresses), of any material (wood, osier, bamboo, base metal, glass, leather, plastics, etc., other than of stone, concrete or ceramics), for any place (dwellings, hotels, theatres, offices, churches, schools, restaurants, hospitals, ships, aircraft, motor vehicles, etc., other than furniture to which scientific, medical or laboratory equipment is attached) or for such purposes as cooking or dining, sitting or sleeping, storing (including filing cabinets) or displaying, working or resting.

The manufacture of the different kinds of mattresses: Mattresses fitted with springs or stuffed or

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internally fitted with supporting material; uncovered cellular rubber or plastic mattress.

##### Exclusions:

The manufacture of furniture of ceramics, concrete or stone is classified under groups 3421 (Manufacture of nonstructural non-refractory ceramicware), 3425 (Manufacture of articles of concrete, cement and plaster) and 3426 (Cutting, shaping and finishing of stone), respectively.

The manufacture of kitchen cabinets, bookcases, wardrobes and other non-standing furniture is classified under group 3229 (Manufacture of other products of wood; manufacture of articles of cork, straw and plaiting materials).

The manufacture of light fittings or lamps is classified under group 3650 (Manufacture of electric lamps and lighting equipment).

The manufacture of medical, surgical, dental or veterinary furniture and barbers' chairs is classified under group 3741 (Manufacture of medical and surgical equipment and orthopaedic appliances).

The manufacturing and upholstering of seats for motor vehicles (whatever material used, like leather, textile, etc.), primarily for the motor trade is classified under subgroup 38309 (Manufacture of motor vehicle parts and accessories).

##### 392 Manufacturing n.e.c.

##### 3921 Manufacture of jewellery and related articles

This group includes the production of worked pearls, i.e. pearls that have been ground to remove defects, drilled or sawn.

The production of precious and semi-precious stones (including diamonds) in the work state (i.e. in a state beyond simply sawn, cleaned or bruted). Included is the working of industrial quality stones and synthetic or reconstructed precious or semi-precious stones.

Manufacture of -

- jewellery of precious metal, of precious or semi-precious stones, or of combinations of precious metal and precious or semi-precious stones;
- goldsmiths' articles of precious metals: Dinnerware, flatware, hollowware, toilet articles, stationary articles for religious use, etc.;
- parts of jewellery or goldsmiths' wares;
- technical or laboratory articles of precious metal (but not instruments or parts of instruments): Crucibles, cupels, spatulas, platinum grill for use as a catalyst and electro-plating anodes; and
- coin (including coin for use as legal tender), other coin, and medals and medallion, whether or not of precious metal.

Exclusions:

The manufacture of dental fillings and sterile suture materials is classified under group 3353 (Manufacture of pharmaceuticals, medicinal chemicals and botanical products).

The manufacture of abrasives is classified under group 3429 (Manufacture of other non-metallic mineral products n.e.c.).

The manufacture of articles of base metal plated with precious metal is classified under the appropriate groups of major groups 354 (Manufacture of structural steam generators) and 355 (Manufacture of other fabricated metal products; metalwork service activities).

The manufacture of watch cases and jewels for watches is classified under group 3760 (Manufacture of watches and clocks).

The manufacture of imitation jewellery is classified under group 3929 (Other manufacturing n.e.c.).

3922 Manufacture of musical instruments

This group includes the manufacture of –

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- keyboard stringed instruments, including automatic pianos, and other stringed instruments;
- keyboard pipe organs, and harmoniums and similar keyboard instruments with free metal reeds;
- accordions and similar instruments, including mouth organs;
- wind instruments including woodwind and brass instruments;
- percussion musical instruments such as drums, xylophones, castanets;
- musical instruments, the sound of which is produced or must be amplified electrically;
- musical boxes, fairground organs, singing birds, musical saws and other instruments not elsewhere classified;
- whistles, call horns, and other mouth blown sound signaling instruments; and
- instrument parts and accessories, including metronomes, tuning forks, pitch pipes and cards, discs and rolls for mechanical instruments.

Exclusions:

The manufacture of microphones, loudspeakers, headphones and similar components is classified under group 3730 (Manufacture of television and radio receivers, sound or video recording or reproducing apparatus and associated goods).

The manufacture of toy instruments is classified under group 3924 (Manufacture of games and toys).

3923 Manufacture of sports goods

This group includes the manufacture of -

- articles and equipment for gymnastics, athletics, outdoor and indoor games, and swimming and paddling pools;
- hard, soft and inflatable balls;
- rackets, bats and clubs;
- requisites for sport fishing including landing nets;
- requisites for hunting, mountain climbing and other sporting activities; and
- sports gloves and sports safety headgear.

Exclusions:

The manufacture of boat sails is classified under group 3121 (Manufacture of made-up textile articles, except apparel).

The manufacture of sports clothing is classified under group 3140 (Manufacture of wearing apparel, except fur apparel).

The manufacture of saddlery and harness is classified under group 3162 (Manufacture of luggage, handbags and the like, saddlery and harness).

The manufacture of sports footwear is classified under group 3170 (Manufacture of footwear).

The manufacture of arms is classified under group 3577 (Manufacture of weapons and ammunition).

The manufacture of sports vehicles other than toboggans and the like is classified under the appropriate groups of Division 38 (Manufacture of transport equipment).

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The manufacture of boats is classified under group 3842 (Building and repairing of pleasure and sporting boats).

The manufacture of billiard tables or bowling equipment is classified under group 3924 (Manufacture of games and toys).

The manufacture of whips and riding crops is classified under group 3929 (Other manufacturing n.e.c.).

3924 Manufacture of games and toys

This group includes the manufacture of -

- dolls representing people or other creatures and doll garments and accessories;
- wheeled toys designed to be ridden (other than bicycles but including tricycles);
- toy instruments;
- articles for funfair, table or parlour games, including pin-tables, billiards, special tables for casino games and automatic bowling alley equipment;
- electronic games (video games, checkers); and
- reduced-size ("scale") models and similar recreational models, working or not; puzzles of all kinds; other toys.

Exclusions:

The manufacture of children's bicycles is classified under group 3872 (Manufacture of bicycles and invalid carriages).

The manufacture of jokes and novelties is classified under group 3929 (Other manufacturing n.e.c.).

3929 Other manufacturing n.e.c.

This group includes the manufacture of -

- pens and pencils of all kinds, whether or not mechanical;
- pencil leads;
- date, sealing or numbering stamps (including hand-operated devices for printing or embossing labels and hand-printing sets);
- prepared typewriter ribbons and inked pads;

- baby carriages;
- umbrellas, sun-umbrellas, walking-sticks, seat-sticks, whips, riding-crops, buttons, press-fasteners, snap-fasteners, press-studs and slide fasteners;
- cigarette lighters, whether or not mechanical or electrical;
- articles of personal use: smoking pipes; combs, hair slides and similar articles; scent sprays; vacuum flasks and other vacuum vessels for personal or household use; articles of human hair (wigs, false beards, eyebrows);
- brooms and brushes (including brooms constituting parts of machines); hand-operated mechanical floor sweepers; mops and feather dusters; paint pads and rollers; squeegees and other brushes, brooms, mops, etc.;
- roundabouts, swings, shooting galleries and other fairground amusements;
- linoleum and hard-surfaced floor coverings;

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- imitation jewellery; and
- candles, tapers and the like; skins and other parts of birds with their feathers and down; artificial flowers, fruit and foliage; rotor chutes; jokes and novelties; hand sieves and hand riddles; tailor's dummies; and other articles not elsewhere classified.

Exclusions:

The manufacture of lighter wicks is classified under group 3129 (Manufacture of other textiles n.e.c.).

395 RECYCLING N.E.C

3951 Recycling of metal waste and scrap n.e.c.

This group includes the processing of metal waste and scrap and of metal articles, whether or not used, into a form which is readily transformed into new raw materials. Typical is that, in terms of commodities, both input and output consist of waste and scrap, the input being sorted or unsorted but always unfit for further direct use in an industrial process, whereas the output is made fit for further processing and is then to be considered as an intermediate product. A more or less "industrial" process is required, either mechanical or chemical.

Characteristic products are all metal waste and scrap, although it should be recognised that, as a matter of course, waste and scrap belong to the characteristic output of all industries manufacturing metals, metal products and machines and equipment.

Exclusions:

The manufacture of new material from waste and scrap is classified under the appropriate groups of Division 35 (Manufacture of basic metals, fabricated metal products, machinery and equipment and of office, accounting and computing machinery).

Wholesale trade in waste and scrap is classified under Division 61 (Wholesale trade and commission trade, except of motor vehicles and motor cycles). This may include collecting, sorting, packing, dealing, etc., without an industrial process.

Wholesale or retail trade in second-hand goods is classified under Divisions 63 (Sale, maintenance and repair of motor vehicles and motor cycles; retail trade in automotive fuel), 61 (Wholesale trade and commission trade, except of motor vehicles and motor cycles) and major group 624 (Retail trade in second-hand goods in stores), respectively.

3952 Recycling of non-metal waste and scrap n.e.c.

This group includes mutatis mutandis the same types of activities as those classified under group 3951. The recycling process should not be carried out as part of or in the same unit as the further processing of the products into new materials, in which case the whole activity should be classified

in the appropriate place. The characteristic products of this group can be a wide variety of goods. The products can also be characteristic of many other industries.

Exclusions:

The treatment of food, beverages and tobacco waste is classified under the appropriate groups of Division 30 (Manufacture of food, beverages and tobacco products). The production of new materials or products from waste and scrap, such as the spinning of yarn from garnetted stock or making pulp from waste paper or retreading tyres is classified under the appropriate group of manufacturing, e.g. 3111 (Preparation and spinning of textile fibres; weaving of textiles), 3231 (Manufacture of pulp, paper and paperboard) and 3371 (Manufacture of rubber tyres and tubes; retreading and rebuilding of rubber tyres).

The processing of depleted thorium or uranium is classified under group 3330 (Processing of nuclear fuel).

Wholesale trade in waste and scrap is classified under group 6149 (Wholesale trade in other

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intermediate products, waste and scrap). This may include collecting, sorting, packing, dealing, etc. without an industrial process.

Wholesale or retail trade in second-hand goods is classified under Division 63 (Sale, maintenance and repair of motor vehicles and motor cycles; retail trade in automotive fuel), Division 61 (Wholesale trade and commission trade, except of motor vehicles and motor cycles) and major group 624 (Retail sale of second-hand goods in stores), respectively.

MAJOR DIVISION 4: ELECTRICITY, GAS AND WATER SUPPLY

DIVISION 41: ELECTRICITY, GAS, STEAM AND HOT WATER SUPPLY

411 4111 Production, collection and distribution of electricity

This group includes the generation, transmission and distribution of electric energy for sale to household, industrial and commercial users.

Electricity may be generated conventionally, hydraulically, thermally, geothermally, or by means of solar energy, nuclear energy or tidal energy.

Included are electric power plants which, as ancillary divisions of establishments, generate electricity for use by such establishments.

41111 Generation

The generation coupled with the transmission and distribution of electric energy for the purpose of selling to consumers and/or redistributors. Establishments distributing their own generated and purchased power are also included in this subgroup.

41112 Distribution of purchased electric energy only

The distribution of purchased electric energy only for the purpose of selling to consumers and/or redistributors.

41113 Generation and/or distribution for own use

The generation, transmission and/or distribution of electric power mainly for own use. The type of establishments included consists mainly of establishments of manufacturing and mining firms.

412 4120 Manufacture of gas; distribution of gaseous fuels through mains

This group includes the manufacture of gaseous fuels in gasworks. The production of gas by the carbonation of coal or by mixing manufactured gas with natural gas or petroleum or other gases. The distribution of gaseous fuels through a system of mains to household, industrial, commercial or other users.

Exclusions:

The transportation by pipeline of gaseous fuels, on a fee or contract basis, is classified under group 7130 (Transport via pipelines).

The manufacture of industrial gases, including bottled gas and elemental gasses is classified under group 3341 (Manufacture of basic chemicals, except fertilizers and nitrogen compounds).

413 4130 Steam and hot water supply

This group includes the production, collection and distribution of steam and hot water for heating, power and other purposes.

420 4200 Collection, purification and distribution of water

This group includes the collection, purification and distribution of water to household, industrial, commercial

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and other users.

Exclusions:

Irrigation systems operated for agricultural purposes are classified under group 1140 (Agricultural and animal husbandry services, except veterinary activities). The treatment of waste water in order to prevent pollution is classified under group 9400 (Sewage and refuse disposal, sanitation and similar activities).

MAJOR DIVISION 5: CONSTRUCTION

DIVISION 50: CONSTRUCTION

5010 Site preparation

This group includes the demolition or wrecking of buildings and other structures, the preparation of building sites and the sale of materials from demolished structures. Blasting, test drilling, landfill, levelling, earth-moving, excavating, land drainage and other land preparation.

Also included are tunnelling, overburden removal and other development and preparation of mineral properties and sites, except oil and gas sites.

Exclusions:

The preparation of oil and gas fields is classified under group 2211 (Extraction of crude petroleum and natural gas) when performed on own account, and under group 2212 (Service activities incidental to oil and gas extraction excluding surveying) when performed on a fee or contract basis, respectively.

Service activities provided on a fee or contract basis for mines, such as the removal of coal by subcontractors on behalf of coal mines, is classified under group 2900 (Service activities incidental to mining of minerals).

502 Building of complete constructions or parts thereof; civil engineering

This major group includes general construction and some special trade construction for buildings and general and special trade construction for civil engineering, regardless of the kind of materials used. It includes new work, additions and alterations, the erection of prefabricated buildings or structures on the site and also constructions of a temporary nature.

Also included is the repair of civil engineering projects, but most repairs of buildings that are not complete alterations or additions are classified under major groups 503 (Building installation) and 504 (Building completion).



Construction work can be carried-out on own account or on a fee or contract basis. Portions of the work and sometimes even the whole practical work can be subcontracted out to trade contractors.

Exclusions:

Landscape planning and design, lawn and garden installation and maintenance and tree surgeons' activities are classified under group 1140 (Agricultural and animal husbandry services, except veterinary activities). Construction activities directly related to the extraction of oil and natural gas are classified under group 2212 (Service activities incidental to oil and gas extraction excluding surveying). However, the construction of buildings, roads, etc., on the mining site remains in this major group. The erection of complete prefabricated buildings or structures from self-manufactured parts is classified under the relevant category under manufacturing, depending on the main material used, except if the main material is concrete, in which case it remains classified here. The erection of metal structures from self-manufactured parts is classified under group 3541 (Manufacture of structural metal products).

Special trade construction involving building installation and completion (finishing) is classified under major groups 503 and 504, respectively.

Architectural and engineering activities are classified under group 8821 (Architectural and engineering

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activities and related technical consultancy).

Project management for constructions on a fee or contract basis is also classified under group 8821.

5021 Construction of buildings

This group includes general construction involving mostly the construction of buildings such as houses, flats, farm buildings and industrial and commercial buildings.

50211 Construction of homes

This subgroup includes general construction involving the construction of single and double storey family housing such as houses and flats. Extensions and alterations to such buildings as a specialised service are also included.

Exclusions:

The construction of dwellings comprising three and more storeys is classified under subgroup 50219 (Construction of other buildings).

50219 Construction of other buildings

This subgroup includes general construction involving the construction of dwellings comprising three and more storey buildings as well as office blocks, shopping complexes, schools, hospitals and factory and other industrial buildings. Additions and alterations to such buildings are included.

Exclusions:

The erection of all steel structures is classified under group 5024 (Construction by specialist trade contractors).

5022 Construction of civil engineering structures

This group includes general construction involving mostly heavy construction such as highways, streets, bridges, tunnels, railways, airfields, harbours and other water projects, dams, reservoirs, irrigation systems, sewerage systems, water cooling towers, mine headgears, bins, bunkers and silos, factory chimneys, industrial facilities, pipelines and electric lines, sports facilities, etc.

Exclusions:

The construction of swimming pools and tennis courts is classified under group 5023 (Construction of other structures).

The construction of steel structures is classified under group 5024 (Construction by specialist trade contractors).

#### 5023 Construction of other structures

This group includes the construction of other (essentially complete) structures such as swimming pools, tennis courts, fencing, carports and "lapas"; paving; the erection and dismantling of scaffolding and cranes used in construction; water well drilling.

##### Exclusions:

The construction of houses and other buildings is classified under group 5021 (Construction of buildings).

The construction of civil engineering structures is classified under group 5022 (Construction of civil engineering structures).

#### 5024 Construction by specialist trade contractors

This group includes the construction of part of a structure or preparation for that purpose. It is usually  
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specialised in one feature common to different structures requiring specialised skills or equipment. It covers activities such as pile-driving, foundation work, concrete work, carcasswork, bricklaying, stone setting, plastering, roof covering, etc. The erection of steel structures is included. Specialist trade construction is carried out mostly under subcontract, but especially in repair construction it is done for the owner of the property.

##### Exclusions:

Establishments which manufacture parts of metal structure and also do the erection are classified under group 3541 (Manufacture of structural metal products).

Plumbing, electrical contracting and shopfitting are classified under major group 503 (Building installation).

Painting and decorating are classified under major group 504 (Building completion).

#### 503 Building installation

This major group includes the installation of all kinds of utilities that permit the construction to function as such. These activities are usually performed at the site of the construction although parts of the job may be carried out in a special shop. Included are activities such as plumbing, the installation of heating and air-conditioning systems, antennas, alarm systems and other electrical work, sprinkler systems, elevators and escalators, etc. Also included are insulation work (water, heat, sound), sheet metal work, industrial process piping work, commercial refrigerating work, the installation of illumination and signalling systems for roads, railways, airports, harbours, etc., and the installation of certain plants such as manufacturing plants, electric power and transformer plants, telecommunication and radar plants, etc. Also included is repair work undertaken in connection with the above-mentioned installations.

##### Exclusion:

Installation work performed as a service incidental to a sale by an establishment manufacturing or selling prefabricated equipment and materials is classified according to the principal activity of the establishments under Manufacturing or Trade.

#### 5031 Plumbing

This group includes activities such as the laying of sewerage pipes, the installation of water pipes, wash basins, baths, water heating systems, solar heating systems, sprinkler systems and gutters and sheet metal work in all structures.

##### Exclusion:

The laying of pipelines for water projects and sewerage systems is classified under group 5022 (Construction of civil engineering structures).

5032 Electrical contracting

This group includes activities such as the installation of electrical wiring and lighting in buildings and other structures.

Exclusion:

The erection of electric powerlines is classified under group 5022 (Construction of civil engineering structures).

Cable-laying for computer networks is classified under group 8690 (Other computer related activities).

5033 Shopfitting

This group includes the building, assembly and/or installation of equipment, such as counters, shelves, cupboards and shop fronts, on the premises of the client in buildings.

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Exclusions:

The installation of self-manufactured carpentry or joinery is classified under the relevant category in Manufacturing, depending on the material used e.g. wood under 3222 (Manufacture of builders' carpentry and joinery).

5039 Other building installation n.e.c.

This group includes other building installation n.e.c. such as the installation of heating and air-conditioning systems, antennas, alarm systems, elevators and escalators. Also included are insulation work (water, heat, sound), industrial process piping work, commercial refrigeration work, the installation of illumination and signalling systems for roads, railways, airports, harbours, etc. and the installation of certain plants such as manufacturing plants, electric power and transformer plants, telecommunication and radar plants, etc.

504 Building completion

This major group includes many different activities that contribute to the completion or finishing of a construction such as glazing, painting and decorating, floor and wall tiling or covering with other materials such as parquet, carpets, wallpaper, etc.; floor sanding, finish carpentry, acoustical work, cleaning of the exterior, etc. Also included is repair work undertaken in connection with the above-mentioned.

Exclusions:

The cleaning of windows, inside and outside, chimneys, hotwater boilers interiors, etc., is classified under group 8893 (Building and industrial plant-cleaning activities).

Cleaning of building construction sites and the removal of building debris is classified under group 9400 (Sewerage and refuse disposal, sanitation and similar activities).

5041 Painting and decorating

This group includes painting and decorating undertaken as a specialised service, including wallpapering. Industrial spray-painting, sandblasting and anti-rust treatment of steel structures are included.

Exclusions:

The specialised painting and caulking of ships and boats is classified under Manufacturing in major group 384 (Building and repairing of ships and boats).

5049 Other building completion n.e.c.

This subgroup includes other building completion activities such as glazing, floor and wall tiling, carpet laying, floor sanding, finish carpentry, acoustical work, the cleaning of the exterior, etc.

505 5050 Renting of construction or demolition equipment with operators

This major group includes the rental of construction machinery and equipment (including crane lorries) with operator.

Exclusions:

The renting of construction machinery and equipment without operator is classified under group 8522 (Renting of construction and civil engineering machinery and equipment).

MAJOR DIVISION 6: WHOLESALE AND RETAIL TRADE; REPAIR OF MOTOR VEHICLES, MOTOR CYCLES AND PERSONAL AND HOUSEHOLD GOODS; HOTELS AND RESTAURANTS

DIVISION 61: WHOLESALE TRADE AND COMMISSION TRADE, EXCEPT OF MOTOR VEHICLES AND MOTOR CYCLES

This division includes the resale (sale without transformation) of new and used goods to retailers, to industrial, commercial, institutional or professional users; or to other wholesalers; or acting as agents or

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brokers in buying merchandise for or selling merchandise to such persons or firms. The principal types of businesses included are merchant wholesalers, i.e. wholesalers who take title to the goods they sell, such as wholesale merchants or jobbers, industrial distributors, exporters, importers, and co-operative buying associations, sales branches (but not retail stores) which are maintained by manufacturing or mining units apart from their plants or mines for the purpose of marketing their products and which do not merely take orders to be filled by direct shipments from the plants or mines. Also included are merchandise and commodity brokers, commission merchants and agents, buyers and co-operative associations engaged in the marketing of farm products. Wholesalers frequently physically, sort and grade goods in large lots, break bulk, repack, redistribute in smaller lots, e.g. pharmaceuticals, store, refrigerate, deliver and install goods, engage in sales promotion for their customers and design labels.

Exclusions:

Wholesale trade in motor vehicles, or in motor cycles and the maintenance and repair of motor vehicles is classified under groups 6311 (Wholesale sale of motor vehicles), 6340 (Sale, maintenance and repair of motor cycles and related parts and accessories) and 6320 (Maintenance and repair of motor vehicles), respectively. Activities of dealers and brokers of commodity future contracts and exchanges for trading in such contracts are classified under the appropriate group of major group 831 (Activities auxiliary to financial intermediation, except insurance and pension funding).

Marketing boards instituted in terms of the Marketing Act, 1937, for the marketing of agricultural products are classified under subgroup 91109 (Other Central Government activities).

The handling and storage activities of businesses and co-operatives appointed as agents by a control board to store products on behalf of the control board is classified under subgroup 74120 (Storage and warehousing).

Sales to farmers as household consumers of items such as food, clothing and household goods are classified under the appropriate groups of Division 62 (Retail trade, except of motor vehicles and motor cycles; repair of personal and household goods).

The repair and maintenance of office machinery and computers are classified under group 8650 (Maintenance and repair of office, accounting and computing machinery).

Repair work to mining, agricultural, industrial and construction machinery is classified under Manufacturing along with the manufacture of the relevant type of machinery.

The renting of motor cars and trucks is classified under group 8511 (Renting of land transport equipment), and the renting of machinery and equipment is classified under major group 852 (Renting of other machinery and equipment).

611 6110 Wholesale trade on a fee or contract basis

This group includes commission agents, commodity brokers and auctioneers and all other wholesalers who trade on behalf and on the account of others. They usually make it their business to bring sellers and buyers together or undertake commercial transactions on behalf of a principal. Included are the activities of -

- commission agents e.g. market agents who market fresh products such as vegetables, fruit, flowers and plants on a commission basis at fresh produce markets;
- commodity brokers, e.g. hides, skins, wool, mohair and similar brokers;
- auctioneers selling goods at auctions on behalf of others on a commission basis; and
- other commercial agents selling goods on a commission basis, e.g. agents representing local manufacturers and
- dealers for the marketing of products on a commission basis. Agents importing and/or exporting goods on a commission basis and dry-cleaning, waste paper and similar agents.

Exclusions:

The activities of commission agents regarding the sale of motor vehicles and motor cycles are classified  
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under Division 63 (Sale, maintenance and repair of motor vehicles and motor cycles; retail trade in automotive fuel). Wholesale trade in own name, whether on own account or on the account of others, is classified under groups 6121-6190.

The activities of dealers and brokers of commodity future contracts and exchanges for trading in such contracts are classified under the appropriate group of major group 831 (Activities auxiliary to financial intermediation, except insurance and pension funding).

The activities of insurance agents are classified under group 8320 (Activities auxiliary to insurance and pension funding).

The activities of real estate agents are classified under group 8421 (Activities of estate agencies, rent collectors, appraisers and valuers).

Forwarding agents are classified under group 7419 (Activities of other transport agencies).

612 Wholesale trade in agricultural raw materials, livestock, food, beverages and tobacco

6121 Wholesale trade in agricultural raw materials and livestock

This group includes wholesale trade in agricultural products, such as grain, oats, lucerne, flowers, plants, unmanufactured tobacco, and livestock and livestock products such as wool, hides, skins and feathers.

6122 Wholesale trade in food, beverages and tobacco

This group includes wholesale trade in food, beverages and tobacco products.

61221 Wholesale trade in foodstuffs

This subgroup includes wholesale trade in fresh, frozen, canned and dried food and food products such as vegetables and fruit, meat, fish, dairy products, eggs, edible oils and fats, sugar, confectionery and bakery products, flavouring essences and other edible groceries. Included are fruit juices and other soft drinks such as soft drink juices and syrups.

Exclusions:

Wholesale trade in aerated soft drinks, juices and syrups is classified under subgroup 61222 (Wholesale trade in beverages).

61222 Wholesale trade in beverages

This subgroup includes wholesale trade in alcoholic and non-alcoholic beverages. The bottling of beverages by wholesalers as part of buying and selling is included.

Exclusions:

Wholesale trade in fruit juices and other non-aerated soft drinks is classified under subgroup 61221 (Wholesale trade in foodstuffs).

Bottling done on a fee or contract basis is classified under group 8895 (Packaging activities).

61223 Wholesale trade in tobacco products

This subgroup includes wholesale trade in tobacco products such as tobacco, cigars, cigarettes and snuff.

613 Wholesale trade in household goods

6131 Wholesale trade in textiles, clothing and footwear

This group includes wholesale trade in textiles and woven fabrics such as blankets, rugs, carpets, soft furnishings, bags, tents and tarpaulins, automotive textile goods, ropes, cables and yarns; footwear; and

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apparel, including hats and handbags.

6139 Wholesale trade in other household goods

This group includes the wholesale of household appliances, articles and equipment.

61391 Wholesale trade in household furniture, requisites and appliances

This subgroup includes wholesale trade in furniture; household requisites such as pots, pans, dishes, cutlery, brooms and brushes; and household appliances such as vacuum cleaners and polishers, refrigerators, washing machines, stoves and food-mixers. Dealers in sound and visual apparatus, such as radio and television sets and video recorders, are included.

Exclusions:

Wholesale trade in lawnmowers, garden tools, musical instruments and wallpaper is classified under subgroup 61399 (Wholesale trade in other household goods n.e.c.).

Wholesale trade in office furniture is classified under subgroup 61501 (Office machinery and equipment including computers).

61392 Wholesale trade in books and stationery

This subgroup includes wholesale trade in books, magazines, newspapers, stationery, posters, cards, paper and paperboard.

61393 Wholesale trade in precious stones, jewellery and silverware

This subgroup includes wholesale trade in diamonds, pearls, other precious and semi-precious stones, jewellery, gold and silverware and medals. Wholesale trade in watches and clocks is also included.

61394 Wholesale of pharmaceuticals and toiletries

This subgroup includes wholesale trade in medicine, including biological products such as bacterial virus vaccines, antibiotics and vitamins; other pharmaceutical products for human and veterinary use; soap, cosmetics, perfumes, shampoos and shaving products and other similar toilet preparations. Wholesale trade in surgical and orthopaedic instruments and devices is also included.

61399 Wholesale trade in other household goods n.e.c.

This subgroup includes wholesale trade in other household goods n.e.c. such as photographic and optical goods, games and toys, bicycles, musical instruments, sport and recreational goods, firearms, travel goods, leather goods, garden tools and lawnmowers, lighting equipment and cleaning material.

614 Wholesale trade in non-agricultural intermediate products, waste and scrap

6141 Wholesale trade in solid, liquid and gaseous fuels and related products

This group includes wholesale trade in solid fuel such as firewood and coal; petroleum products such as petrol, diesel, lubricating oils, greases and paraffin, and gaseous fuel such as liquefied petroleum gas.

6142 Wholesale trade in metals and metal ores

This group includes wholesale trade in metal ores and metals in primary or mill forms.

6143 Wholesale trade in construction materials, hardware, plumbing and heating equipment and supplies

This group includes wholesale trade in construction materials such as wood, steel, glass, concrete products, electrical cables and accessories; tiles, plumbing accessories and other building materials such as nails, hinges, bolts and screws; paints, varnish and lacquers and floor coverings other than carpets and tiles.

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6149 Wholesale trade in other intermediate products, waste and scrap

This group includes wholesale trade in goods such as basic industrial chemicals, fertilizers and plastic materials in primary form, waste and scrap and materials for recycling, etc.

615 6150 Wholesale trade in machinery, equipment and supplies

61501 Office machinery and equipment, including computers

This subgroup includes wholesale trade in office machinery, furniture and equipment such as adding machines, photocopy machines, typewriters, typist chairs and tables, scales, cash registers, safes, filing cabinets, show cases and shelves, and as computer equipment such as central processors, printers, word processors and micro-computers.

61509 Other machinery

This subgroup includes wholesale trade in agricultural machinery such as tractors, ploughs and harvesters; mining and industrial machinery, equipment and apparatus such as engines, turbines and pumps; ventilation and lift systems and communication apparatus; construction machinery such as concrete mixers, cranes and water drilling and other drilling machines; transport equipment (except motor vehicles, motor cycles and cycles). Wholesale trade in spare parts of such machinery and equipment are included.

619 Other wholesale trade

61901 General wholesale trade

This subgroup includes wholesale trade in a variety of products, the sales of which of a single product or group of products is not predominant, so that they cannot be classified under a particular suitable subgroup.

61909 Other wholesale trade n.e.c.

This subgroup includes specialised wholesale not covered in one of the previous categories.

**DIVISION 62: RETAIL TRADE, EXCEPT OF MOTOR VEHICLES AND MOTOR CYCLES; REPAIR OF PERSONAL AND HOUSEHOLD GOODS**

This division includes the resale (sale without transformation) of new and used goods to the general public for personal or household consumption or use by shops, department stores, stalls, mail-order houses, hawkers and peddlers, consumer co-operatives, etc.

Establishments engaged in selling to the general public, from displayed merchandise products, such as typewriters, stationery, paint or lumber, are classified under this division, though these sales may not be for personal or household consumption or use only.

The goods sold in this division are for obvious reasons, limited to so-called consumer goods. Accordingly, examples of goods not normally entering retail trade include cereal grains, ores, crude petroleum, industrial chemicals, iron and steel and industrial machinery and equipment.

In some instances some processing of the goods may be involved, but this should only be incidental to selling.

Also included in this division are the repair and installation of personal and household goods whether or not done in combination with retail sales.

A fundamental distinction is made in the detail of the division for retail trade between sales by stores, in major groups 621-624, and sales by other methods, in major group 625.

Exclusions:

The sale of farmers' products by farmers is classified under Division 11 (Agriculture, hunting and related services).

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The manufacture of goods (e.g. draperies, food) to be sold exclusively to the general public for personal or household consumption purposes is classified as Manufacturing, under divisions 30-39.

The sale of motor vehicles and motor cycles and their parts and of automotive fuel is classified under Division 63 (Sale, maintenance and repair of motor vehicles and motor cycles; retail trade in automotive fuel).

The sale of motor vehicles or other goods to institutional or industrial users only is classified under Divisions 63 (Sale, maintenance and repair of motor vehicles and motor cycles; retail trade in automotive fuel) and 61 (Wholesale and commission trade, except of motor vehicles and motor cycles), respectively.

The sale of food and drinks for consumption on the premises is classified under group 6420 (Restaurants, bars and canteens).

The renting of personal and household goods to the general public is classified under group 8530.

621 Non-specialised retail trade in stores

6211 Retail trade in non-specialised stores with food, beverages and tobacco predominating

This group includes stores engaged in retail trade in a variety of new goods of which food, beverages and tobacco are predominant. This kind of activity is usually carried out by so-called general stores which, apart from their main sales of edible groceries, have several other lines of merchandise such as non-edible groceries, wearing apparel, furniture, appliances, hardware, cosmetics, etc.

6219 Other retail trade in non-specialised stores

This group includes stores engaged in retail trade in a variety of new goods of which food, beverages or tobacco are not predominant. This kind of activity is usually carried out in department stores carrying a general line of merchandise, including wearing apparel, furniture, appliances, hardware, cosmetics, jewellery, toys, sporting goods, etc. Such lines are normally arranged in separate departments, but are integrated under a single management.

622 Retail trade in food, beverages and tobacco in specialised stores

62201 Retail trade in fresh fruit and vegetables

This subgroup includes stores engaged in retail trade in fresh fruit and vegetables.

62202 Retail trade in meat and meat products



This subgroup includes stores engaged in retail trade in meat and meat products.

Exclusions:

Stores engaged in retail trade in fish and other seafood and products thereof are classified under subgroup 62209 (Other retail trade in food, beverages and tobacco n.e.c.).

The slaughtering of livestock (for meat) at a fee is classified under subgroup 30111 (Slaughtering, dressing and packing of livestock, including poultry and small game for meat).

62203 Retail trade in bakery products

This subgroup includes stores engaged in retail trade in bakery products such as bread, cakes, biscuits, pastry and sugar confectionery.

Shops which, as an ancillary activity are engaged in the baking of bakery products on the premises for sale to the general public are included.

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62204 Retail trade in beverages (bottle stores)

This subgroup includes stores engaged in retail trade in alcoholic beverages such as wine, spirits and beer.

Exclusions:

The sale of beverages for immediate consumption on the premises of restaurants is classified under subgroup 64201 (Restaurants or tearooms with liquor licence).

The off-sales of a hotel when operated as an integral part of the hotel (even if situated on different premises) are classified under subgroup 64101 (Hotels, motels, botels and inns registered with the SA Tourism Board).

62209 Other retail trade in food, beverage and tobacco n.e.c.

This subgroup includes other specialised stores engaged in retail trade in any one of the following merchandise lines:

- Dairy products and eggs.
- fish and other seafood and products thereof.
- tobacco products.
- food products n.e.c.

Exclusions:

Retailers in smokers' requisites are classified under subgroup 62399 (Retail trade by other specialised stores).

623 Other retail trade in new goods in specialised stores

This major group includes stores specialised in retail trade in any one of the following merchandise lines:

- Pharmaceutical and medical goods and cosmetic and toilet articles.
- textiles, clothing, footwear and leather goods.
- household appliances, articles and equipment.
- hardware, paints, varnishes and lacquers, glass and articles of glass.

- office equipment, computers and non-customised software, books, newspapers, magazines and stationery, and photographic, optical and precision equipment.
- other (excluding food and tobacco products).

6231 Retail trade in pharmaceutical and medical goods, cosmetic and toilet articles

This group includes specialised retail trade in pharmaceutical, medical and orthopaedic goods, including prescribed, patent and herbal medicines, perfumery articles, cosmetic articles and toilet soap.

6232 Retail trade in textiles, clothing, footwear and leather goods

This group includes the specialised retail trade in textiles; articles of clothing, articles of fur and clothing accessories; footwear; leather goods and travel accessories.

62321 Retail trade in men's and boys' clothing

This subgroup includes specialised retail trade in men's and boys' clothing and accessories.

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Exclusions:

Specialised retail trade in both men's and ladies' clothing is classified under subgroup 62323 (Retail trade by general outfitters and by dealers in piece goods, textiles, leather and travel accessories).

Specialised retail trade in footwear classified under subgroup 62324 (Retail trade in shoes).

Bespoke tailoring is classified under subgroup 31403 (Bespoke tailoring).

62322 Retail trade in ladies' and girls' clothing

This subgroup includes specialised retail trade in ladies' and girls' clothing and accessories.

Exclusions:

Specialised retail trade in both ladies' and men's clothing is classified under subgroup 62323 (Retail trade by general outfitters and by dealers in piece goods, textiles, leather and travel accessories).

Specialised retail trade in footwear is classified under subgroup 62324 (Retail trade in shoes).

Bespoke tailoring is classified under subgroup 31403 (Bespoke tailoring).

62323 Retail trade by general outfitters and by dealers in piece goods, textiles, leather and travel accessories

This subgroup includes specialised retail trade by clothiers selling men's, ladies' and children's clothes. Also included is specialised retail trade in babies' clothing and woven fabrics, linenware, buttons, yarns, knitting wool and other textiles, articles of fur, leather goods and travel accessories.

62324 Retail trade in shoes

This subgroup includes specialised retail trade in men's, ladies', children's and sports shoes.

6233 Retail trade in household furniture, appliances, articles and equipment

This group includes specialised retail trade in household furniture; household appliances such as radios, record players, television sets, video machines, sewing machines, refrigerators, vacuum cleaners and food mixers; miscellaneous household utensils, cutlery, crockery, glassware, china and pottery; musical instruments and records, sound and video cassettes; articles for lighting; curtains and diverse household articles of textile materials; wood, cork goods and wickerwork goods; household articles and equipment n.e.c.

6234 Retail trade in hardware, paint and glass

This group includes specialised retail trade in hardware such as corrugated iron sheets, window and door frames, bolts, screws and nails; paint, varnishes and lacquers; glass, construction materials such as cement, bricks, sand, wood and wood products, plumbing and electrical requisites; hand tools and equipment for domestic and garden use.

Exclusions:

Specialised retail trade in lawnmowers, swimming pool equipment and chemicals is classified under subgroup 62399 (Retail trade by other specialised stores).

The sale of hardware, paint and glass mainly to other businesses is classified under group 6143 (Wholesale trade in construction materials, hardware, plumbing and heating equipment and supplies).

6239 Other retail trade in specialised stores

62391 Retail trade of reading matter and stationery

This subgroup includes the specialised trade in reading matter, calendars, posters and cards, stationery, such  
as books, files, pens and pencils, and other similar items.

Exclusions:

Book exchange shops are classified under group 6240 (Retail trade in second-hand goods in stores).

Retail trade in books via mail-order houses is classified under subgroup 62511.

62392 Retail trade in jewellery, watches and clocks

This subgroup includes specialised trade in jewellery, watches and clocks.

Exclusions:

Establishments that mainly manufacture such articles on the premises are classified under subgroup 39211 (Jewellery and related articles composed of precious metals, precious and semi-precious stones and pearls).

62393 Retail trade in sports goods and entertainment requisites

This subgroup includes specialised trade in sports goods such as tennis rackets, balls, bats, golf clubs, gymnasium equipment, bicycles, firearms and ammunition, fishing rods and angling gear; entertainment requisites such as photographic equipment and video games; binoculars, camping equipment such as tents, rucksacks and other accessories; boats and toys.

Exclusions:

Retail trade in caravans and trailers is classified under group 6312 (Retail sale of motor vehicles).

The retail sale of sports clothing is classified under group 6232 (Retail trade in textiles, clothing, footwear and leather goods).

62399 Retail trade by other specialised stores

This subgroup includes retail trade by other specialised stores such as office supplies and equipment; computers and non-customised software; wallpaper and floor coverings; flowers, plants, seeds, fertilizers and pets; souvenirs; smokers' requisites; fuel oil, bottled gas, coal and firewood; lawnmowers; swimmingpool equipment and chemicals; coins and stamps; works of art and art requisites and non-food products n.e.c.

624 6240 Retail trade in second-hand goods in stores

This group includes retail trade in used goods in stores. Also included are pawnshops and book exchange shops.

Exclusions:

Retail trade in used motor vehicles and motor cycles is classified under Division 63 (Sale, maintenance and repair of motor vehicles and motor cycles; retail trade in automotive fuel).

625 Retail trade not in stores

6251 Retail trade via mail-order houses

This group includes retail trade in any kind of product by catalogue and mail-order. Goods are sent to the buyer who made his choice on the basis of catalogues, models or any other offer.

6252 Retail trade via stalls and markets

This group includes retail trade in any kind of product in a usually movable stall either along a public road or on a fixed market place.

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6259 Other retail trade not in stores

This group includes retail trade in any kind of product in any way which is not included in previous groups, such as by sales persons who go from house to house trying to sell their products or by vending machines or on a fee or contract basis.

Exclusions:

The sale and home delivery of new products by stores are classified under the appropriate subgroups of major groups 621 to 623.

626 6260 Repair of personal and household goods

This group includes the repair of personal and household goods when not done in combination with the manufacture of or wholesale or retail trade in these goods. The specialised repair of footwear, electrical and non-electrical household and personal appliances, such as watches, clocks, jewellery, lawnmowers and bicycles, for the general public is included. Blacksmith shops are also included.

Exclusions:

Repair work to furniture is classified under group 3910 (Manufacture of furniture).

Repair work to motor vehicles and motor cycles is classified under groups 6320 (Maintenance and repair of motor vehicles) and 6340 (Sale, maintenance and repair of motor cycles and related parts and accessories), respectively.

**DIVISION 63: SALE, MAINTENANCE AND REPAIR OF MOTOR VEHICLES AND MOTOR CYCLES; RETAIL TRADE IN AUTOMOTIVE FUEL**

This division includes wholesale and retail trade in new and used motor vehicles and motor cycles, maintenance and repair, the sale of parts and accessories, activities of commission agents involved in the sale of the vehicles, the washing, polishing and towing of vehicles, etc. Also included is the retail trade in automotive fuel and lubricating and cooling products.

Exclusions:

The renting of cars or trucks with drivers is classified under groups 7122 (Other non-scheduled passenger land transport) and 7123 (Freight transport by road), respectively. The renting of motor vehicles and motor cycles without drivers is classified under group 8511 (Renting of land transport equipment).

631 Sale of motor vehicles

This major group includes the wholesale and retail sale of new and used passenger motor vehicles, including specialised passenger motor vehicles (ambulances, caravans, minibuses, etc.), motor vehicles to negotiate difficult terrain (jeeps, landrovers, etc.), other passenger motor vehicles with motor car type steering mechanisms, and lorries, trailers and semi-trailers. The sale of such vehicles by motor auctioneers are included.

632 6320 Maintenance and repair of motor vehicles

This group includes the maintenance and repair of motor vehicles such as -

- electrical repair work and repair to diesel pump injectors;
- the repair of radiators and the replacement of cores;
- panel-beating and the replacement and spray-painting of motor vehicle bodies and parts;
- specialised repair services such as wheel balancing and alignment, the repair and replacement of exhaust and brake systems, shock absorbers and clutch equipment; and

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- motor vehicle washing and cleaning services, anti-rust treatment of vehicles and towing services.

Exclusions:

Specialised motor engineers engaged in rebuilding engines and other automotive parts are classified under Manufacturing under subgroup 38302 (Activities of specialised automotive engineering workshops working primarily for the motor trade).

633 Sale of motor vehicle parts and accessories

This major group includes the wholesale and retail sale of all kinds of parts and accessories for motor vehicles, when not combined with sale of such vehicles themselves. The activities of motor scrapyards that sell used parts and accessories are included.

634 6340 Sale, maintenance and repair of motor cycles and related parts and accessories

This group includes the wholesale and retail sale of motor cycles and their parts and accessories. Maintenance and repair are also included.

635 6350 Retail sale of automotive fuel

This group includes the retail sale of fuel (petrol, diesel, liquefied petroleum gas) for motor vehicles and motor cycles, or of the same fuels for use in boats.

This activity is often combined with the sale of lubricating products, cooling products, cleaning and all other kinds of products for motor vehicles or even for other purposes.

Exclusions:

Wholesale trade in fuel is classified under group 6141 (Wholesale trade in solid, liquid and gaseous fuels and related products). Retail trade in liquefied petroleum gas for cooking or heating purposes is classified under group 6239 (Other retail trade in specialised stores).

DIVISION 64: HOTELS AND RESTAURANTS

641 6410 Hotels, camping sites and other provision of short-stay accommodation

This group includes the provision on a fee basis of short-term lodging, camping space and camping facilities, whether open to the general public or restricted to members of a particular organisation. Restaurant facilities operated in connection with the provision of lodging and bars and off-sales of hotels operated as an integral

part of a hotel remain classified in this group. Also included is the operation of sleeping cars when operated as separate units.

Examples of activities included here are those usually offered by hotels, motels, inns, school dormitories, guest houses, youth hostels, shelters, etc.

Exclusions:

The operation of sleeping cars as an integral part of railway companies is classified under group 7111 (Railway transport).

The rental of long-term furnished accommodation is classified under Division 84 (Real estate activities).

The management of time-share units is also classified under Division 84.

Orphanages, homes for the aged and homes for the blind and other handicapped persons are classified under group 9330 (Social work activities).

642 6420 Restaurants, bars and canteens

This group includes the preparation and selling of food and drink for immediate consumption on the premises, such as by restaurants, tearooms, bars, including beer halls and beer gardens, lunch counters, fish-  
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and-chip shops, refreshment stands and other similar businesses that supply take-aways. Catering is also included in this group. The sale of prepared food and drink must account for at least 50 per cent of the gross value of goods sold. Cafés which do not satisfy these requirements are normally classified under subgroup 62110 (Retail trade in non-specialised stores with food, beverages and tobacco predominating).

Also included are dining-cars when operated as separate units.

Exclusions:

Restaurants and bars of establishments providing lodging are regarded as part and parcel of such establishments and are classified under group 6410 (Hotels, camping sites and other provision of short-stay accommodation).

The operation of dining-cars as an integral part of railway companies is classified under group 7111 (Railway transport).

Sales through vending machines are classified under group 6259 (Other retail trade not in stores).

**MAJOR DIVISION 7: TRANSPORT, STORAGE AND COMMUNICATION**

These divisions include activities related to providing passenger or freight transport, whether scheduled or not, by rail, road, water or air and auxiliary activities such as terminal and parking facilities, cargo handling and storage. Division 75 includes postal activities and telecommunications.

In particular the renting of transport equipment with a driver or operator for the different transport modes is considered to be a transport activity and is therefore included in this division.

Exclusions:

Transport conducted as an ancillary service for the transport of a firm's own products/goods.

The maintenance, repair and alteration of transport equipment, except motor vehicles and motor cycles, are classified under Division 38 (Manufacture of transport equipment).

The construction, maintenance and repair of roads, railways, harbours, air fields, etc. are classified under major group 502 (Building of complete constructions or parts thereof; civil engineering).

The maintenance and repair of motor vehicles or motor cycles are classified under major groups 632 and 634, respectively.

The renting of transport equipment without a driver or operator is classified under the appropriate subgroup of group 851 according to mode of transport.

Recreational transport activities, such as the operation of cableways for recreation purposes, are classified under group 9649 (Other recreational activities).

## DIVISION 71: LAND TRANSPORT; TRANSPORT VIA PIPELINES

### 711 7111 Railway transport

This group includes passenger and freight transport by inter-urban railways and suburban railways (Railway commuter services). It also covers related activities such as shunting and switching.

#### Exclusions:

The operation of sleeping-cars is classified under group 6410 (Hotels, camping sites and other provision of short-stay accommodation) and the operation of dining cars is classified under group 6420 (Restaurants, bars and canteens), when carried on by separate units.

Passenger and freight terminal activities, cargo handling, storage and other auxiliary activities are classified under the appropriate subgroup of major group 741 (Supporting and auxiliary transport activities; activities of travel agencies).

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The maintenance and minor repair of rolling stock are classified under group 7413 (Other supporting transport activities).

### 712 Other land transport

This major group includes transport of passengers and freight by land, other than transport by railways.

#### Exclusions:

The maintenance and repair of road vehicles are classified under Division 63 (Sale, maintenance and repair of motor vehicles and motor cycles; retail sale of automotive fuel) and of rail vehicles under subgroup 74139 (Other supporting transport activities n.e.c.).

Passenger and freight terminal activities, cargo handling, storage and other auxiliary activities are classified under the appropriate class of major group 741 (Supporting and auxiliary transport activities; activities of travel agencies).

### 7121 Other scheduled passenger land transport

This group includes activities providing the regular urban, suburban or inter-urban transport of passengers on scheduled routes following a published timetable, and the picking up and setting down of passengers at stops indicated in these timetables, except railway transport. These activities may be carried out by motor bus, tramway or trolley bus. Also included are transport activities such as the operation of school buses, town-to-airport or town-to-station lines, sightseeing buses, funicular railways, aerial cableways, etc.

### 7122 Other non-scheduled passenger land transport

This group includes other non-scheduled passenger land transport such as the operation of taxis, the rental of private cars and of buses with a driver, charters, safaris and non-scheduled sightseeing tours, excursions and other occasional coach services, passenger transport by animal and hand-drawn vehicles, etc.

#### Exclusions:

Ambulance transport is classified under group 9319 (Other human health activities).

Recreational transport facilities are classified under group 9649 (Other recreational activities).

### 7123 Freight transport by road

This group includes all freight transport by road, whether scheduled or not. It comprises the trucking of a great variety of goods such as logging haulage, stock haulage, refrigerated haulage, heavy haulage, bulk haulage, furniture removal, etc. Freight transport by animal or hand-drawn vehicles. The renting of trucks with a driver or operator is included.

Exclusions:

The operation of terminal facilities for handling freight is classified under group 7413 (Other supporting transport activities).

Crating and packing for transport purposes is classified under subgroup 74190 (Activities of other transport agencies).

Delivery departments of warehouses operated by business concerns for their own use.

713 7130 Transport via pipelines

This group includes transport of gases, liquids, slurry and other commodities via pipelines. Included are the operation of pump stations and maintenance of the pipeline.

Exclusions:

The distribution of natural or manufactured gas, water or steam from the distributor to the final consumers is

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classified under the appropriate class of Division 41 (Electricity, gas, steam and hot water supply) or 42 (Collection, purification and distribution of water).

DIVISION 72: WATER TRANSPORT

This division includes the transport of passengers or freight over water, whether scheduled or not. Also included are the operation of towing or pushing boats, excursion, cruise or sightseeing boats, ferries, water taxis, etc.

Exclusions:

Restaurant and bar activities on board ships are classified under group 6420 (Restaurants, bars and canteens), except when rendered as an integral part of transportation. Cargo handling, the storage of freight, the operation of harbour and other auxiliary activities such as docking, pilotage, lighterage and vessel salvage are classified under the appropriate subgroup of major group 741 (Supporting and auxiliary transport activities; activities of travel agencies).

721 7211 Sea and coastal water transport

This group includes the transport of passengers or freight overseas and coastwise. Transport via large lakes is included.

722 7220 Inland water transport

This group includes the transport of passengers or freight via rivers, canals and other inland waterways such as harbours.

DIVISION 73: AIR TRANSPORT

730 7300 Air transport

This group includes transport of passengers or freight by air or via space.

Exclusions:

The overhaul of aircraft or aircraft engines is classified under group 3860 (Manufacture of aircraft and spacecraft).



The operation of passenger and freight airway terminal facilities is classified under group 7413 (Other supporting transport activities).

#### DIVISION 74: SUPPORTING AND AUXILIARY TRANSPORT ACTIVITIES; ACTIVITIES OF TRAVEL AGENCIES

##### 741 7411 Cargo handling

This group includes the loading and unloading of goods or passengers' luggage irrespective of the mode of transport used for transportation. Stevedoring.

##### 7412 Storage and warehousing

This group includes the operation of storage facilities for all kinds of goods in grain elevators, general merchandise warehouses, refrigerated warehouses, etc. The warehousing of furniture, automobiles, lumber, gas and oil, chemicals, textiles, food and agricultural products, etc. Also included is the storage of goods in foreign trade zones.

##### Exclusions:

The operation of parking facilities for motor vehicles is classified under subgroup 74131 (Parking garages and parking lots). Storage facilities operated by business concerns for their own use.

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##### 7413 Other supporting transport activities

This group includes a great variety of activities related to the transport of passengers or freight by means of different modes of transport. These activities include the operation of terminal facilities such as railway stations, bus stations, stations for the handling of goods, harbours, piers, airway terminals, etc., the operation of roads, bridges, tunnels, parking lots or garages, waterway locks, etc. (including those operated on a fee or contract basis), traffic control activities, navigation, pilotage and berthing activities, lighterage, salvage activities, ground service activities on airfields, etc. The operation of stock yards which provide pens, feed and selling areas for livestock held temporarily, either pending sale or in transit to or from the market is also included.

##### 7414 Travel agency and related activities

This group includes the furnishing of travel information, advice and planning, arranging tours, accommodation and transportation for travellers and tourists, the furnishing of tickets, etc. Also included are tourist assistance activities not elsewhere classified, such as carried on by tourist guides.

##### 7419 Activities of other transport agencies

This group includes the forwarding of freight, the organisation or arrangement of transport on behalf of the shipper or consignee, the receiving and acceptance of freight (including local pick-up and delivery), transportation document preparation, the consolidation and breakbulk of freight, freight brokerage, bill auditing and freight rate information, brokerage for ship and aircraft space, packing and crating and unpacking and decrating, the inspection, weighing and sampling of freight, etc.

##### Exclusions:

Courier activities using public transport are classified under group 7512 (Courier activities other than national postal activities). Activities related to the arrangement of freight insurance are classified under subgroup 83200 (Activities auxiliary to insurance and pension funding).

#### DIVISION 75: POST AND TELECOMMUNICATIONS

##### 751 Post and associated courier activities

##### 7511 National postal activities

This group includes the pick-up, transport and delivery (domestic or international) of mail and parcels. This activity includes the sale of postage stamps, the collection of mail and parcels from public letter boxes or from post offices and distribution and delivery. Included are such activities as mail-sorting, mailbox rental, poste restante, etc.

Exclusions:

Postal giro and postal savings bank activities and other financial activities sometimes carried out in combination with postal activities are classified under group 8112 (Other monetary intermediation).

7512 Courier activities other than national postal activities

This group includes the pick-up, transport and delivery of letters and mail-type, usually small parcels and packages. One or more modes of transport may be involved and the activity may be carried out with either own (private) transport media or via public transport.

Exclusions:

All postal activities carried out by the Post Office are classified under group 7511 (National postal activities).

752 7520 Telecommunications

This group includes the transmission of sound, images, data or other information via cables, broadcasting, relay or satellite. Included are telephone, telegraph and telex communications. Also included is the maintenance of the network.

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Exclusions:

The production of radio and television programmes, whether or not combined with broadcasting, is classified under subgroup 96130 (Radio and television activities).

MAJOR DIVISION 8: FINANCIAL INTERMEDIATION, INSURANCE, REAL ESTATE AND BUSINESS SERVICES

DIVISION 81: FINANCIAL INTERMEDIATION, EXCEPT INSURANCE AND PENSION FUNDING

This division includes the activity of obtaining and redistributing funds, other than for the purpose of insurance and pension funding.

811 Monetary intermediation

This group includes the obtaining of funds in the form of deposits. Deposits are defined as funds which are fixed in money terms, obtained on a day-to-day basis and which are, apart from central banking, obtained from non-financial sources.

81110 Central banking

This subgroup includes taking deposits which are used for clearance between financial institutions, supervising banking operations, holding the country's exchange reserves, and issuing and managing the country's currency and acting as banker to the Government. The following institutions are classified in this subgroup:

SA Reserve Bank

Corporation for Public Deposits (CPD)

8112 Other monetary intermediation

This group includes the monetary intermediation of monetary institutions other than the central bank. Included are the activities of discount houses, commercial banks, merchant banks, general banks, The Land and Agricultural Bank of SA; the Post Office Savings Bank, building societies and other deposit-taking institutions.

819 Other financial intermediation n.e.c.

This major group includes financial intermediation other than that conducted by monetary institutions.

Exclusions:

Insurance and pension funding are classified under Division 82.

8191 Lease financing

Leasing where the term approximately covers the expected life of the asset and the lessee acquires in essence all the benefits of its use and takes all the risks associated with its ownership. The asset may or may not eventually be transferred.

Exclusions:

Operational leasing is classified under Division 85 (Renting of machinery and equipment without operator and of personal and household goods), according to type of goods leased.

8192 Other credit granting

This group includes financial intermediation primarily concerned with making loans by institutions not involved in monetary intermediation, including the granting of consumer credit, the provision of long-term finance to the industry, and money lending outside the banking system. The granting of credit for house

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purchases by specialised institutions that do not also take deposits is included in this subgroup.

Exclusions:

Lease financing is classified under group 8191 and operational leasing under Division 85 (Renting of machinery and equipment, without operator, and of personal and household goods).

8199 Other financial intermediation n.e.c.

This group includes other financial intermediation primarily concerned with distributing funds other than by making loans. This includes investment in securities (e.g. shares, bonds, bills, unit trust units, etc.) including dealing for own account by securities dealers, investment in property where this is carried out primarily for other financial intermediaries (e.g. property unit trusts) and writing swaps, options and other hedging arrangements. Activities of financial holding companies are included.

Exclusions:

Lease financing is classified under group 8191.

Security dealing on behalf of others is classified under group 8312 (Security dealing activities).

The renting of property is classified under Division 84 (Real estate activities).

Operational leasing is classified under Division 85 (Renting of machinery and equipment, without operator, and of personal and household goods).

**DIVISION 82: INSURANCE AND PENSION FUNDING, EXCEPT COMPULSORY SOCIAL SECURITY**

821 Insurance and pension funding, except compulsory social security

This group includes long and short-term risk spreading with or without a savings element.

8211 Life insurance

This group includes life insurance (including reinsurance) and other long-term insurance, with or without a substantial savings element, involving the collection and investment of funds.

8212 Pension funding

This group includes the provision of retirement incomes, including activities involving the collection and investment of funds.

Exclusions:

The funding and administration of compulsory social security programmes are classified under major group 911 (Central government activities).

8213 Medical aid funding

This group includes the funding of medical aid including activities involving the collection and investment of funds.

8219 Other insurance n.e.c.

This group includes insurance (including reinsurance) of non-life business (e.g. accident, fire, property, motor, marine, aviation, transport, pecuniary loss and liability insurance).

DIVISION 83: ACTIVITIES AUXILIARY TO FINANCIAL INTERMEDIATION

This division includes the provision of services involved in or closely related to financial intermediation, but not involved in financial intermediation themselves.

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831 Activities auxiliary to financial intermediation, except insurance and pension funding

This major group includes activities involved in or closely related to financial intermediation, other than insurance and pension funding, but not involved in financial intermediation themselves.

8311 Administration of financial markets

This group includes the operation and supervision of financial markets other than by public authorities and includes the activities of the stock exchange and other bodies that regulate or supervise the activities of financial markets, including exchanges for commodity futures contracts.

8312 Security dealing activities

This group includes dealing in financial markets on behalf of others (e.g. stock broking) and related activities.

Exclusions:

Dealing in markets on own account is classified under group 8199 (Other financial intermediation n.e.c.).

8319 Activities auxiliary to financial intermediation n.e.c.

This group includes all activities auxiliary to financial intermediation not classified elsewhere such as foreign exchange dealers; renting of safe deposits; commodity and bullion exchanges; investment research and counselling or investment advisers; stock quotation services; lease and patent broking and licensing; holders of mineral rights and other concerns receiving royalty; name and trade mark protection; leasing of business licenses; and boards of executors; estate administrators, trust companies and trust funds.

Exclusions:

Activities of insurance agents and other activities closely related to insurance and pension funding are classified under group 8320 (Activities auxiliary to insurance and pension funding).

832 8320 Activities auxiliary to insurance and pension funding

This group includes activities involved in or closely related to the management of insurance and pension funding, other than financial intermediation. It includes the activities of insurance agents, average and loss adjusters, actuaries and salvage administration.

Exclusions:

Marine salvage is classified under group 7413 (Other supporting transport activities).

DIVISION 84: REAL ESTATE ACTIVITIES

841 Real estate activities with own or rented property

This major group includes the buying, selling, renting and operating of owned or leased real estate, such as flats and dwellings and non-residential buildings; developing and subdividing real estate into lots, etc. Also included are land-jobbers and the development and sale of land.

Exclusions:

Development on own account involving construction, is classified under major group 502 (Building of complete constructions or parts thereof; civil engineering).

The operation of hotels, boarding houses, camps, caravan parks, holiday farms, other accommodation, such as furnished holiday flats, is classified under group 6410 (Hotels; camping sites and other provision of short-stay accommodation).

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842 Real estate activities on a fee or contract basis

This major group includes buying, selling, renting, managing and appraising real estate on a fee or contract basis, such as the activities of real estate agents, rent collectors, appraisers and valuers. The sub-letting of fixed property is also included.

DIVISION 85: RENTING OF MACHINERY AND EQUIPMENT, WITHOUT OPERATOR, AND OF PERSONAL AND HOUSEHOLD GOODS

In Division 85 the term "renting" includes leasing. The machinery and equipment may be provided with or without maintenance.

851 Renting of transport equipment

8511 Renting of land transport equipment

This group includes the renting, without operator, of all kinds of land transport equipment, e.g. railroad vehicles, cars, trucks, trailers, motor cycles, caravans and campers. The renting of containers is also included.

Exclusions:

The renting of vehicles with drivers is classified under group 7122 (Other non-scheduled passenger land transport) and 7123 (Freight transport by road), respectively.

The financing of leases is classified under group 8191.

The renting of bicycles is classified under group 8530 (Renting of personal and household goods n.e.c.).

8512 Renting of water transport equipment

This group includes the renting of water transport equipment, i.e. commercial boats, houseboats and ships, without operator.

Exclusions:

The renting of water transport equipment with operator is classified under the appropriate subgroup of Division 72 (Water transport).

Lease financing is classified under group 8191.

The renting of pleasure-boats is classified under group 8530 (Renting of personal and household goods n.e.c.).

8513 Renting of air transport equipment

This group includes the renting of air transport equipment, i.e. airplanes without operator.

Exclusions:

Renting of air transport equipment with operator is classified under Division 73 (Air transport).

Lease financing is classified under group 8191.

852 Renting of other machinery and equipment

8521 Renting of agricultural machinery and equipment

This group includes the renting of agricultural machinery and equipment without operator.

Exclusions:

Renting of agricultural machinery and equipment with operators is classified under group 1140 (Agricultural and animal husbandry services, except veterinary activities).

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Lease financing is classified under group 8191.

8522 Renting of construction and civil engineering machinery and equipment

This group includes the renting of construction and civil engineering machinery and equipment (including crane lorries) without operator.

Exclusions:

Renting of construction and civil engineering machinery or equipment with operators is classified under group 5050 (Renting of construction or demolition equipment with operators).

The renting together with the erection of scaffolding is also classified under group 5050.

Lease financing is classified under group 8191.

8523 Renting of office machinery and equipment (including computers)

This group includes the renting of all kinds of office machinery and equipment, such as duplicating machines, typewriters and word processing machines; of accounting machinery and equipment, such as electronic calculating machines, cash registers and other machines incorporating a calculating device; and of computing machinery and equipment, such as automatic data processing machines of the digital, analogue or hybrid type, central processing units, peripheral units and magnetic or optical readers, without management or operation.

8529 Renting of other machinery and equipment n.e.c.

This group includes the renting of all kinds of machinery, electrical or not, which is generally used as capital goods by industries, such as engines and turbines, machine tools, mining and oil field equipment, commercial, radio, television and communication equipment, professional, scientific, measuring and controlling and other commercial and industrial machinery. Also included is renting of vending machines.

Exclusions:

Lease financing is classified under group 8191.

The renting of agricultural machinery and equipment is classified under group 8521.

The renting of construction and civil engineering machinery and equipment is classified under group 8522.

The renting of office machinery and equipment (including computers) is classified under group 8523.

The renting of protective devices such as alarm systems with a communication service is classified under group 8892 (Investigation and security activities).

**853 8530 Renting of personal and household goods n.e.c.**

This group includes the renting of all kinds of personal and household goods, whether the customers are households or industries. It involves the renting of such goods as textiles, wearing apparel and footwear, furniture, pottery and glass, kitchen and tableware, electrical appliances and housewares, pleasure-craft and related facilities, saddle-horses, bicycles, sports equipment, jewellery, musical instruments, television sets, video machines, scenery and costumes, books, journals and magazines, video tapes and records, etc.

**Exclusions:**

The renting without driver/operator of passenger vehicles, motor cycles, caravans and trailers is classified under group 8511 (Renting of land transport equipment).

The renting of linens, industrial work uniforms and related articles by laundries is classified under subgroup 99010 (Washing and (dry)-cleaning of textile and fur products).

The renting of leisure and pleasure equipment can also be undertaken by the recreational industries and is  
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then classified under the appropriate group of Division 96 (Recreational, cultural and sporting activities).

**DIVISION 86: COMPUTER AND RELATED ACTIVITIES**

**861 8610 Hardware consultancy**

This group includes consultancy on the type and configuration of hardware with or without associated software application. The consultancy typically involves analysing the users' needs and problems and presenting the best solution.

**Exclusions:**

Similar activities carried out by units selling computers are classified under group 3590 (Manufacture of office, accounting and computing machinery) or under Division 61 (Wholesale trade and commission trade, except of motor vehicles and motor cycles) or Division 62 (Retail trade, except of motor vehicles and motor cycles; repair of personal and household goods).

**862 8620 Software consultancy and supply**

This subgroup includes activities in connection with the analysis, design and programming of systems ready for use. This usually involves the analysis of the users' needs and problems, consultancy on the most economic solution and producing the necessary software to realise this solution. Also included is the simple writing of programs following directives of the user. Specifically, these activities involve the development, production, supply and documentation of order-made software based on orders from specific users and easy-order and ready-made (non-customised) software.

**Exclusions:**

The reproduction of non-customised software is classified under group 3260 (Reproduction of recorded media).

Similar activities carried out as an integrated part of the reselling of software are classified under group 6239 (Other retail sale in specialised stores).

Software consultancy provided in conjunction with hardware consultancy is classified under subgroup 86100.

#### 863 8630 Data processing

This group includes the processing or tabulation of all types of data. This may consist of the complete processing and preparation of reports from data supplied by the customer. It may also be specialised, such as key-punching or other input preparation, conversion, such as diskette to tape, etc., or optical character recognition, etc. The services may be supplied either over-the-counter or via remote access terminals and may employ either the customer's or a proprietary program. Included is the provision of such services on an hourly or time-share basis. Also included is the management and operation of data processing facilities of others on a continuing basis.

##### Exclusions:

The renting of computers and computer-related hardware and calculating machines are classified under group 8523 (Renting of office machinery and equipment (including computers)).

The development of computer systems ready for use, including programming is classified under group 8620 (Software consultancy and supply).

The maintenance and repair of computing machinery are classified under subgroup 86500.

Data processing conducted as an ancillary service by business concerns for own purposes.

#### 864 8640 Data base activities

This group includes the following three types of data base related activities:

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- Data base development, i.e. the assembly of data from one or more sources.
- Data storage, i.e. the preparation of a computer record for such information in a predetermined format.
- Data base availability, i.e. the provision of data in a certain order or sequence by on-line data retrieval or accessibility (Computerised management). The data can be of any kind, such as financial, economical, statistical or technical. The data may be accessible to everybody or to limited users and can be sorted on demand.

##### Exclusions:

Computerised documentation activities provided by libraries and archives are classified under subgroup 96310 (Library and archives activities).

The compilation of mailing lists is classified under subgroup 88993 (Stenographic, duplicating, addressing, mailing list and similar activities).

#### 865 8650 Maintenance and repair of office, accounting and computing machinery

This group includes the maintenance and repair of office and accounting machinery and of computers and computer peripheral equipment.

#### 869 8690 Other computer related activities

This group includes cable-laying for computer networks and other computer related activities n.e.c.

### DIVISION 87: RESEARCH AND DEVELOPMENT

This division includes the performance of the following three types of activities:

- Basic research, experimental or theoretical work undertaken primarily to acquire new knowledge of the underlying foundations of phenomena and observable facts, without particular application or use in view.



- Applied research is also original investigation undertaken in order to acquire new knowledge. It is, however, directed primarily towards a specific practical aim or objective.

- Experimental development is systematic work, drawing on existing knowledge gained from research and/or practical experience, that is directed towards producing new materials, products and devices, to installing new processes, systems and services, and to improving those already produced or installed.

The basic criterion for distinguishing research and development from related activities, is the presence of an appreciable element of novelty in research and development.

Exclusions:

The government administration of research and development and of associated funds in the various natural or social sciences are classified under the appropriate subgroup of Division 91 (Public administration and defence activities).

The administration and support of defence related applied research and experimental development are also classified under Division 91.

Education combined with research and development is classified in the appropriate subgroup of Division 92 (Education).

The raising and management of research and development funds for medical and other social related research, and development by charities is classified under group 9330 (Social work activities).

Technical testing and analysis is classified under group 8822 (Technical testing and analysis).

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871 Research and experimental development on natural sciences and engineering

This major group includes systematic creative work done in the three types of activities in the field of research and development defined above. It takes place in natural sciences (mathematics, physics, astronomy, chemistry, life sciences not elsewhere classified, earth sciences, etc.), medical sciences, agriculture and engineering and technology. The purpose is to increase the stock of knowledge and to devise new applications of this knowledge.

872 8720 Research and experimental development on social sciences and humanities

This group includes systematic creative work done in the three types of activities in the field of research and development defined above. It takes place in social sciences (economics, psychology, sociology, legal sciences, etc.) and humanities (e.g. linguistics and languages and arts). The purpose is to increase the stock of knowledge and to devise new applications of this knowledge.

Exclusions:

Marketing research is classified under group 8813 (Marketing research and public opinion polling).

DIVISION 88: OTHER BUSINESS ACTIVITIES

881 Legal, accounting, bookkeeping and auditing activities; tax consultancy, market research and public opinion research; business and management consultancy

8812 Legal activities

This group includes advice and representation in civil, criminal and other cases, i.e. the representation of one party's interest against another party, whether or not before courts or other judicial bodies. These activities are generally performed by or under the supervision of persons who are members of the bar, such as advocates or barristers and solicitors, attorneys or lawyers in private practice.

Civil cases involve the infringement of an individual's or body corporate's private or civil rights, such as liability cases, divorce cases, etc. Criminal actions are cases involving offences against the State and are

usually instigated by the Government. The giving of advice in connection with labour disputes, general counselling and advising, the preparation of legal documents which do not directly involve a legal suit or which are related to articles of incorporation, partnership agreements or similar documents in connection with company formation. Also included are activities in connection with patents and copyrights, with the preparation of deeds, wills, trusts, etc., and the activities of notaries (public).

Exclusions:

Law court activities are classified under Division 91 (Public administration and defence activities).

Arbitration and conciliation between managements and labour are included in group 8814 (Business and management consultancy activities).

8812 Accounting, bookkeeping and auditing activities; tax consultancy

This group includes activities involving the recording of commercial transactions for businesses or others, the preparation of financial accounts, the examination of these accounts and the certification of their accuracy and the preparation of personal and business income tax returns.

Included are related advisory activities and representation (other than legal representation) on behalf of clients before tax authorities.

Exclusions:

Data processing and tabulation activities are classified under group 8630 (Data processing).

Activities involving management consultancy by units that do not provide accounting or auditing services, e.g. the design of accounting systems, cost accounting programmes, budgetary control procedures, etc., are classified under group 8814 (Business and management consultancy activities).

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Bill collection is classified under group 8899 (Other business activities n.e.c.).

8813 Marketing research and public opinion polling

This group includes investigations into market potential, acceptance and familiarity of products and buying habits of consumers for the purpose of sales promotion and development of new products. Also included are investigations into collective opinions of the public about political, economic and social issues.

8814 Business and management consultancy activities

This group includes the giving of advice, guidance or operational assistance to businesses. These activities involve public relations e.g. through image-building and opinion-moulding, to improve the relations of the client with the public, the media or others, other than by paid advertisements, welfare and charity affairs, politics, lobbying. Activities in connection with planning, organisation, efficiency and control, management information, etc. Combined management consultancy and actual management, e.g. by agronomists and agricultural economists to farmers, etc. Arbitration and conciliation between management and labour. Also included are activities of management holding companies.

Exclusions:

Computer activities are classified under Division 86.

Legal advice and representation are classified under group 8811 (Legal activities).

Accounting, bookkeeping and auditing activities and tax consultancy are classified under group 8812.

Marketing research and public opinion research are classified under group 8813.

Technical advisory activities are classified under group 8821 (Architectural and engineering activities and related technical consultancy).

Advertising activities are classified under group 8831.

The administrative head office of a firm is classified under the same subgroup allocated to the firm according to its main activity.

882 Architectural, engineering and other technical activities

8821 Architectural and engineering activities and related technical consultancy

This group includes consulting architectural and engineering activities, surveying, geological exploration and prospecting activities and engineering. Architectural activities include the designing of building and the drafting and often supervision of construction, town and city planning and landscape architecture. Engineering and technical activities include specialised activities related to civil engineering, hydraulic engineering, traffic engineering including project management on a fee basis for constructions, electrical and electronic engineering, mining engineering, chemical engineering, mechanical, industrial and systems engineering, air-conditioning, refrigerating, sanitary and pollution control engineering, acoustical engineering, etc. Geological and prospecting activities use surface measurements and observation designed to yield information on subsurface structure and the location of petroleum, natural gas and mineral deposits and of ground water. This may involve airborne geophysical surveys, hydrological surveys, etc. Also included are map-making and related land surveying activities.

Exclusions:

Engineering and technical activities not carried out on a fee or contract basis but as an ancillary service for own account by concerns e.g. project management for construction by construction concerns, is classified under the main activities of such concerns.

Test drilling and testhole boring in connection with petroleum and gas extraction is classified under subgroup 22110 (Extraction of crude petroleum and natural gas).

Prospecting by mines for own purposes is classified under the appropriate groups of Major division 2 (Mining and quarrying).

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Research and development activities are classified under Division 87.

Technical testing is classified under group 8822 (Technical testing and analysis).

Interior decorating is classified under group 8899 (Other business activities n.e.c.).

8822 Technical testing and analysis

This group includes testing of all types of materials and products. The testing of their composition and purity, e.g. of minerals, food, etc. Qualification and reliability testing, the certification of products, failure analysis, materials evaluation, etc. Testing the physical characteristics and performance of products or materials, e.g. for their strength, thickness, durability, electrical conductivity, radioactivity, etc. Also included are the testing of textiles, the radiographic testing of welds and joints and the performance testing of complete machinery, motors, automobiles, appliances or electronic equipment, whether or not with the use of models or mock-ups of ships, aircraft, dams, etc.

Exclusions

The testing and analysis of medical and dental specimens are classified under group 9319 (Other human health activities).

Research and development is classified under Division 87 (Research and development).

883 Advertising

This group includes the provision of advertising services. Advertising agency activities include creating and placing advertisements in periodicals and newspapers and on radio and television for clients. Included is the writing of advertising copy, commercial art work and signwriting. Outdoor advertising, e.g. billboards, panels, window-dressing, showroom design, car and bus carding, etc. Media representation, i.e. the sale of time and space for various media soliciting advertising. Aerial advertising. The distribution or delivery of advertising material or samples. Also included is the renting of space for advertising.

Exclusions:

The printing of advertising material is classified under group 3251 (Printing).

Marketing research is classified under group 8813.

The manufacture of advertising displays and numberplates and signs is classified under subgroup 39294.

Public relations activities are classified under group 8814 (Business and management consultancy activities).

Direct mailing activities are classified under subgroup 88993 (Stenographic, duplicating, addressing, mailing list and similar activities).

The production of commercial messages for radio, television and film are classified under the appropriate subgroup of major group 961 (Motion picture, radio and television and other entertainment activities).

889 Business activities n.e.c.

8891 Labour recruitment and provision of personnel

This class includes staff recruitment, selection, referral and placement in connection with employment in any field. The services may be supplied to the potential employer or to the prospective employee and may involve the formulation of job descriptions, the screening and testing of applicants, the investigation of references, etc.

Executive recruitment and placement activities are included, as are labour contracting activities, i.e. the supply to others, chiefly on a temporary basis, of staff who are hired by and whose emoluments are paid by the agency.

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Exclusions:

Activities of farm labour contractors are classified under group 1140 (Agricultural and animal husbandry services, except veterinary activities).

Agency activities are classified under group 8899 (Other business activities n.e.c.).

Motion picture and other theatrical casting activities are classified under group 9649 (Other recreational activities).

8892 Investigation and security activities

This group includes investigation and surveillance activities, guard and other protective activities for individuals and property. This involves the checking of individuals' backgrounds, the tracing of missing persons, the investigation of thefts and embezzlements, patrol or other activities with primarily hired staff directly to protect individuals or property, e.g. the transport of valuables, or other means of protection with the same purpose, such as guard dogs, armoured cars, etc. Also included are bodyguard activities, street patrols, guard and watchman activities for flat and office buildings, offices, factories, construction sites, hotels, theatres, dance halls, etc. and store detective activities and activities such as monitoring mechanical or electrical protective devices, as well as the renting of alarm systems with a communication service and consultancy in the field of industrial security, fingerprinting, signature and handwriting identification, etc.

Exclusions:

The installation of alarm systems is classified under major group 503 (Building installation).

Investigations in connection with insurance are classified under group 8320 (Activities auxiliary to insurance and pension funding).

8893 Building and industrial plant cleaning activities

This group includes the cleaning of buildings of all types, including offices, factories, shops, institutions and other business and professional premises and residential buildings. It involves the interior cleaning of

buildings, e.g. floor cleaning and waxing, the interior cleaning of walls, furniture polishing, etc. and window-cleaning, inside and outside, for offices, industrial plants, factories and flat and office buildings, chimney-cleaning and the cleaning of fireplaces, furnaces, incinerators, ventilation ducts and exhaust units, etc. Also included are disinfecting and exterminating activities.

Exclusions:

Steam-cleaning, sand-blasting and similar activities for building exteriors and the cleaning of new buildings after construction are classified under major group 504 (Building completion).

The chemical cleaning (decalcification) of boiler interiors is classified under group 3543 (Manufacture of steam generators, except central heating hot water boilers).

The interior cleaning of bulk storage tanks is classified under group 3542 (Manufacture of tanks, reservoirs and similar containers of metal).

Carpet and rug shampooing and drapery and curtain-cleaning are classified under subgroup 99010 (Washing and (dry-) cleaning of textile and fur products).

Similar activities carried out by private households employing domestics are classified under subgroup 01000 (Private households with employed persons).

8894 Photographic activities

This group includes all commercial and consumer photograph production, and the processing of photographs and motion pictures. Photograph production involves portrait photography, e.g. for passports, schools, weddings or other occasions (including by coin-operated cameras) and photography for commercials, publishers, fashion, real estate or tourism purposes, etc. Aerial photography is included.

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Film processing includes developing, printing and enlarging from client-taken negatives or motion pictures, whether for amateur photographers or for commercial clients.

Also included is the mounting of slides and copying and restoring or transparency retouching in connection with old photographs.

Also included is the production of video tape recordings for consumers such as video tape recordings at weddings.

Exclusions:

The processing of motion picture film related to the motion picture and television industries is classified under subgroup 96111 (Motion picture and video production and distribution).

8895 Packaging activities

This group includes packaging activities on a fee or contract basis, such as mixing and filling of aerosols, cans, bottles, etc., the packaging of pharmaceuticals, cosmetics, etc., card-mounting of novelties and buttons, labelling, stamping and imprinting, parcel packing and gift wrapping, whether or not this involves an automated process.

Exclusions:

Packaging activities not carried out on a fee or contract basis but as an ancillary service by concerns, e.g. the packaging of own manufactured products by factories or the bottling of fresh milk by retailers for retail distribution, are classified under the main activities of such concerns.

Packaging activities for transport are classified under group 7419 (Activities of other transport agencies).

Bulk packaging of agricultural products is classified under subgroup 11400 (Agricultural and animal husbandry services, except veterinary activities).

8899 Other business activities n.e.c.

This group includes a great variety of service activities generally delivered to commercial clients. It involves

- debt collecting and the credit rating of individuals and firms;
- business brokerage activities, i.e. arranging for the purchase and sale of small and medium-sized businesses, including professional practices;
- appraisal activities other than for real estate and insurance;
- stenographic, duplicating and mailing activities, including typing and other secretarial activities, such as transcribing from tapes, discs or belts, proofreading, etc., copying, blue printing, multigraphing and similar activities, the addressing and dispatch of mail, mailing list compilation, etc., including mailing lists for advertising material;
- fashion designing related to textiles, wearing apparel, shoes, jewellery, furniture and other interior decoration and other fashion goods;
- demonstration and exhibition activities;
- editorial activities;
- translation and interpretation activities;
- microfilming activities;
- trading stamp activities; and
- telephone answering activities.

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Also included are activities carried on by agencies on behalf of individuals, usually involving the obtaining of engagements in motion pictures, theatrical production or other entertainment or sports attractions.

#### Exclusions:

Extending credit through the use of credit cards is classified under group 8192 (Other credit granting).

Machinery and industrial design are classified under group 8821 (Architectural and engineering activities and related technical consultancy).

The display of advertisement and other advertising designing are classified under group 8831 (Advertising).

Duplicating activities of printers are classified under group 3251 (Printing).

### MAJOR DIVISION 9: COMMUNITY, SOCIAL AND PERSONAL SERVICES

#### DIVISION 91: PUBLIC ADMINISTRATION AND DEFENCE ACTIVITIES

This division includes the general activities of the Central Government and provincial governments, including their extra-budgetary accounts and funds, the activities of self-governing territories and their lower authorities, the activities of the general divisions of regional services councils and local authorities and the activities of the armed forces, police and legislative, judicial and administrative departments and offices. Departments, agencies and offices engaged in the administration of activities, such as those of foreign affairs, taxation and finance, tourism promotion, business regulation and registration, collection and analysis of statistics and general economic, social and community policies, are included.

#### Exclusions:

Activities of the Government in fields other than general administration and regulation, are classified under the appropriate classifications of major divisions 1 to 9.

The following are a few examples of such cases with their appropriate classifications:

- Government timber plantations - major group 121 (Forestry and related services)

- Government sawmills - major group 321 (Sawmilling and planing of wood)
- The Government Printer - major group 325 (Printing and service activities related to printing)
- Sheltered labour concerns of the Department of Manpower - Appropriate major groups of major division 3 (Manufacturing)
- Municipal power stations - major group 411 (Production, collection and distribution of electricity)
- Road construction divisions of provincial administrations and local authorities - Division 50 (Construction)
- Municipal caravan parks - major group 641 (Hotels, camping sites and other provision of short-stay accommodation)
- Transport department of local authorities - major group 712 (Other land transport)
- Government and provincial education - major group 920 (Educational services)
- Government and provincial hospitals - major group 931 (Human health activities).

## DIVISION 92: EDUCATION

This division includes public and private education of all types provided by institutions and by private teachers, as a full-time education or on a part-time or intensive basis, during the day or in the evening and at any level or for any profession. This includes pre-primary school and after-school education, primary and secondary schools, technical colleges and institutions, technikons, universities, correspondence colleges,

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vocational and commercial schools, hospital schools, schools for the blind, deaf, cerebral palsied and those with other handicaps; art and craft schools, music, dancing and other art schools, training establishments for mannequins and models; and driving schools.

### Exclusions:

Education primarily concerned with recreation, such as bridge or golf education is classified under subgroup 96410 (Sporting activities). Dance tuition not given in connection with education is classified under group 9619 (Other entertainment activities n.e.c.). Governesses and tutors employed in private households are classified under group 0100 (Private households with employed persons). Day care centres for infants and play groups (crèches) are classified under group 933 (Social work activities).

## DIVISION 93: HEALTH AND SOCIAL WORK

931 Human health activities

9311 Hospital activities

This group includes the activities of general and specialised hospitals, sanatoria, preventoria, asylums, rehabilitation centres, leprosaria, dental centres and other health institutions that have accommodation facilities, including military base and prison hospitals. The activities are aimed mainly at in-patients and carried out under the direct supervision of medical doctors. They comprise the services of medical and paramedical staff, laboratory and technical facilities, including radiological and anaesthesiological services, food and other hospital facilities and resources such as emergency room services.

### Exclusions:

Health activities for military staff in the field are classified under major group 911 (Central Government activities).

Dental activities without accommodation are classified under group 9312 (Medical and dental practice activities).

Activities carried out predominantly for out-patients are classified under group 9319 (Other human health activities), as are activities of ambulances.

Veterinary activities are classified under subgroup 93200.

9312 Medical and dental practice activities

This group includes consultation and treatment activities of general practitioners and medical specialists, including dentists. It involves the activities of general practitioners or medical specialists or surgeons in health institutions or private practice. Included are activities carried out in clinics such as those attached to firms, schools, houses for the aged, labour organisations, fraternal organisations, and in-patients' homes. Patients are usually ambulatory and can be referred to specialists by general practitioners. Dental activities may be of a general or specialised nature and can be carried out in private practice or in out-patient clinics, including clinics attached to firms, schools, etc., and in operating rooms.

Exclusions:

In-patient hospital activities are classified under group 9311 (Hospital activities).

Paramedical activities, such as those of midwives, nurses and physiotherapists are classified under group 9319 (Other human health activities).

9319 Other human health activities

This group includes all activities for human health not performed by hospitals or by medical doctors or dentists, i.e. the activities of supplementary health service staff engaged in private practice on own account, whether as individuals or in partnership, and primarily engaged in rendering health and related services.

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93191 Supplementary health services or paramedical staff (practitioners)

This subgroup includes the activities of physiotherapists and para-medical practitioners in the field of optometry, hydrotherapy, medical massage, occupational therapy, speech therapy, chiropody, dietetics, audiology, orthopaedics and remedial gymnastics. Also included are the activities of psychologists.

93192 Clinics and related health care services

This subgroup includes the activities carried out in health clinics attached to firms, schools, homes for the aged, labour organisations, fraternal organisations, provincial and local authorities, residential health facilities other than hospitals, and in own consulting rooms, patient's homes or elsewhere. Hospital out-patient clinics are included.

93193 Nursing services

This subgroup includes the activities of nurses and midwives.

93194 Chiropractors and other associated health care services

This subgroup includes the activities of chiropractors and practitioners in the field of homeopathy and acupuncture.

93199 Other health services

This subgroup includes the activities of dental auxiliaries such as dental therapists and dental hygienists. Also included are pathological clinics and other diagnostic activities carried out by independent laboratories of any kind, and optical dispensers, herbalists, sangomas, blood banks, ambulance and air-ambulance activities and other health services n.e.c.

Exclusions:

The production of artificial teeth, dentures and prosthetic appliances by dental laboratories are classified under group 3741 (Manufacture of medical and surgical equipment and orthopaedic appliances).



Testing activities in the field of food hygiene are classified under group 8822 (Technical testing and analysis).

9320 Veterinary activities

This group includes the activities of veterinary hospitals where animals are confined to facilitate their medical, surgical or dental treatment and where services are provided by, or under direct supervision of qualified veterinarians; medical, surgical or dental activities for animals carried out by veterinary health institutions other than those provided by animal hospitals but performed when visiting farms, kennels or homes, in own consulting and surgery rooms or elsewhere; activities of veterinary assistants or other auxiliary veterinary staff; clinical pathological and other diagnostic activities pertaining to animals; animal ambulance activities, etc. Also included are societies for the prevention of cruelty to animals and beauty parlours for animals.

Exclusions:

Animal boarding activities without health care are classified under subgroup 11400 (Agricultural and animal husbandry services, except veterinary activities).

9330 Social work activities

This group includes activities aimed at providing social assistance to children, the aged and special categories of persons with some limitations on abilities for self-care, but where medical treatment or training are not important elements. It involves a wide variety of social counselling, welfare and similar activities the services of which are rendered to individuals and families in their homes or elsewhere. These activities may be carried out by the Government or by private organisations, such as church related welfare organisations, disaster relief organisations and national or local self-help organisations and also by specialists providing counselling services. These services are being provided by orphanages, children's homes and day care

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centres for infants and playgroups (crèches), correction homes, homes for the aged registered with the Government in terms of the Aged Persons Act, 1967, and those operated by registered welfare organisations, homes for the physically or mentally handicapped, including the blind, deaf and dumb, rehabilitation homes for people addicted to alcohol or drugs (without medical treatment), etc. Activities of institutions taking care of unmarried mothers and their children, adoption activities, activities for the prevention of cruelty to children and others, eligibility, determination in connection with welfare, visiting the aged, household budget counselling, marriage and family guidance, guidance given to persons on parole or probation, community and neighbourhood activities, activities for disaster victims, refugees, immigrants, etc., including temporary or extended shelter for them, vocational rehabilitation activities for handicapped or unemployed persons provided that the education component is limited. Charitable activities such as fund-raising or other supporting activities aimed at social work.

Exclusions:

Funding and administration of compulsory social security programmes are classified under Division 91 (Public administration and defence activities).

Day-care services provided to children of 3 to 6 years are regarded as pre-primary education and are classified under group 920 (Educational services). Activities of retirement villages are classified under group 841 (Real estate activities with own or leased property).

DIVISION 94: OTHER COMMUNITY, SOCIAL AND PERSONAL SERVICE ACTIVITIES

940 9400 Sewage and refuse disposal, sanitation and similar activities

This group includes the collection of garbage, trash, rubbish and waste, whether from households or from industrial or commercial units, its transportation and disposal by incineration or by other means, and the removal, whether via drains, sewers or by other means, of human waste products and their treatment and disposal.

This also involves waste reduction, ash collection, the collection of refuse in litter boxes in public places, the removal of building debris, the dumping of refuse on land or in water, the burial or ploughing-under of refuse and storm sewage, the emptying and cleaning of cesspools and septic tanks, the servicing of chemical toilets, dilution, screening and filtering, sedimentation, chemical precipitation, activated sludge treatment and other

processes for sewage disposal and also the maintenance of sewers and drains. Also included are the outdoor sweeping and watering of streets, paths, parking lots, etc.

Exclusions:

Pest control in connection with agriculture is classified under group 1140 (Agricultural and animal husbandry services, except veterinary activities).

The recycling of waste is classified under the appropriate group of major group 395 (Recycling n.e.c.).

The collection, purification and distribution of water are classified under group 4200 (Collection, purification and distribution of water).

The construction and repair of sewerage systems are classified under group 5022 (Construction of civil engineering structures).

Disinfecting and exterminating activities in buildings are classified under subgroup 88930 (Building and industrial plant cleaning activities).

DIVISION 95: ACTIVITIES OF MEMBERSHIP ORGANISATIONS N.E.C.

951 Activities of business, employers' and professional organisations

9511 Activities of business and employers' organisations

This group includes the activities of organisations whose members' interests centre on the development and prosperity of a particular line of business or trade, including farming, or on the economic growth and climate of a particular geographical area or political subdivision without regard for line of business. Included are

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activities of federations of associations whose members are in the same general line of business and also of federations of territorial associations which have the effect of expanding the geographical area covered. The main services rendered involve the dissemination of information, representation before government agencies, public relations and labour negotiations. Activities of chambers of commerce, guilds and similar organisations are included.

Exclusions:

The publication of newspapers, journals, etc., by these organisations is classified under the appropriate group of major group 324 (Publishing).

Labour negotiation on a fee or contract basis is classified under group 8814 (Business and management consultancy activities).

9512 Activities of professional organisations

This group includes the activities of organisations whose members' interests centre mainly on a particular scholarly discipline or professional practice or technical field such as bar associations, medical associations and engineering associations. Included are the activities of associations of specialists engaged in cultural activities such as writers, painters, performers of various kinds, journalists, etc. The members of these organisations generally have a considerable educational background, frequently at university or higher technical level, but this is not necessarily required because associations of, e.g., foremen, salesmen, insurance agents, stenographers, etc. are also included. The main services rendered involve the dissemination of information, the establishment and supervision of standards of practice, representation before government agencies and public relations.

Exclusions:

The publication of newspapers, journals, etc. by these organisations is classified under the appropriate group of major group 324 (Publishing).

Education provided by these organisations is classified under the appropriate categories of Division 92 (Education).

952 9520 Activities of trade unions

This group includes the activities of associations whose members are mainly employees interested chiefly in the representation of their views concerning the work situation and in concerted action through organisation. This involves the activities of unions of professional, technical, cultural and farm workers and of government employees and the activities of single plant unions, of unions composed of affiliated branches and of labour organisations composed of affiliated unions on the basis of trade, regional, organisational, structural or other criteria.

Exclusions:

The publication of newspapers, journals, etc. by these organisations is classified under the appropriate group of major group 324 (Publishing).

Education provided by these organisations is classified under the appropriate categories of major group 920 (Educational services).

959 Activities of other membership organisations

9591 Activities of religious organisations

This group includes the activities of religious organisations or individuals who provide services directly to worshippers in churches, mosques, temples, synagogues or in other places. Also included are the activities of monasteries, convents and similar organisations, and religious retreat activities.

Exclusions:

The publishing of newspapers, journals, etc. by these organisations is classified under the appropriate group  
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of major group 324 (Publishing).

Education provided by these organisations is classified under the appropriate categories of major group 920 (Educational services).

Health activities by religious organisations are classified under major group 931 (Human health activities).

Social activities by these organisations are classified under subgroup 93300 (Social work activities).

Astrological and spiritualist activities are classified under subgroup 99090 (Other service activities n.e.c.).

9592 Activities of political organisations

This group includes the activities of political organisations and auxiliary organisations such as young people's auxiliaries associated with a political party. These organisations engage mainly in placing members of the party or those sympathetic to the party in political office and may involve the dissemination of information, public relations, fund-raising, etc.

9599 Activities of other membership organisations n.e.c.

This group includes a wide variety of activities such as furthering a public cause or issue by means of public education, political influence, fund-raising, etc.; the support of community and educational facilities, the protection and betterment of special groups, e.g. ethnic and minority groups; associations for the purpose of social acquaintanceship such as rotary clubs, masonic lodges, Christian or Hebrew youth groups; associations for patriotic purposes, including war veterans' associations; associations for the youth, e.g. Boy Scouts, Girl Guides, Voortrekkers, student associations, clubs and fraternities, etc; associations for the pursuit of a cultural or recreational activity or hobby (other than sports or games), e.g. poetry, literature and book clubs, historical, gardening, film and photo, music and art, craft and philatelic clubs; and many others.

Exclusions:

Activities of scholarly and professional associations are classified under group 9512 (Activities of professional organisations).

DIVISION 96: RECREATIONAL, CULTURAL AND SPORTING ACTIVITIES

961 Motion picture, radio, television and other entertainment activities

9611 Motion picture and video production and distribution

This group includes the production of theatrical and non-theatrical motion pictures, whether on film or on video tape, for direct projection in theatres or for broadcasting on television. It usually involves production in a motion picture studio or in special laboratories for animated films or cartoons. These products may be full-length theatrical films, documentaries, shorts, etc. for public entertainment, for advertising, education, training and news information, and religious films, animated cartoons of any kind, etc. Also included are auxiliary activities on a fee or contract basis such as film editing, cutting, dubbing, etc. The distribution of motion pictures and video tapes to other industries, but not to the general public is also classified here. This involves the sale or rental of movies or tapes to other industries, and activities related to the distribution of films and video tapes such as film and tape booking, delivery, storage, etc.

Exclusions:

Film duplicating, and audio and video tape reproduction from master copies are classified under group 3260 (Reproduction of recorded media).

Retail trade in tapes is classified under the appropriate subgroup of group 6233 (Retail trade in household furniture, appliances, articles and equipment).

Renting of tapes to the general public and renting of scenery and costumes are classified under group 8530 (Renting of personal and household goods n.e.c.).

Film processing other than for the motion picture industry is classified under group 8894 (Photographic activities).

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Agency activities are classified under subgroup 88999 (Other business activities n.e.c.).

Production of films or tapes normally produced in television studios is classified under group 9613 (Radio and television activities).

Activities of own account actors, cartoonists, directors, consultants and other technical specialists, etc., are classified under group 9619 (Other entertainment activities n.e.c.).

9612 Motion picture projection

This group includes motion picture or video tape projection in theatres or in the open air, and in private screening rooms or other projection facilities.

Exclusions:

The renting of video tapes and movies to the general public is classified under group 8530 (Renting of personal and household goods n.e.c.).

Ticket agencies that sell admission tickets for motion picture or video tape projection on an agency basis are classified under group 9619 (Other entertainment activities n.e.c.).

9613 Radio and television activities

This group includes the production of radio and television programmes, whether live or on tape or other recording medium and whether or not combined with broadcasting. The programmes produced and broadcast may be for entertainment, for promotion, education or training or news dissemination. The production of programmes generally results in a permanent tape which may be sold, rented or stored for broadcasting or rebroadcasting. Also included are productions such as sports coverage, weather forecasting, interviews, etc.

Exclusions:

The transmission of cable television is classified under group 7520 (Telecommunications).

Radio and television transmissions by relay or satellite are also classified under group 7520 (Telecommunications).

Agency activities by agencies obtaining engagements on behalf of individuals in motion pictures, theatrical productions or other entertainment or sport attractions are classified under group 8899 (Other business activities n.e.c.).

The production of movies and video tapes in movie studios is classified under group 9611 (Motion picture and video production and distribution).

9614 Dramatic arts, music and other arts activities

This group includes the production, for the general public, of "live" theatrical presentations, concerts and opera or dance production and burlesque acts, whether set up for only a single attraction or multiple attractions. This can involve activities of groups or companies, orchestras or bands, but also of individual artists such as actors, musicians, authors, lecturers or speakers, sculptors, painters, cartoonists, engravers, etchers, etc. Related activities included here are, e.g., the operation of scenery and backdrops, lighting and sound equipment, concert and theatre halls and other facilities and the design of scenery and lighting.

Exclusions:

Agency activities by agencies obtaining engagements on behalf of individuals in motion pictures, theatrical productions or other entertainment or sport attractions are classified under group 8899 (Other business activities n.e.c.).

Casting activities are classified under group 9649 (Other recreational activities)

Ticket agencies that sell admission tickets for dramatic art and music presentations on an agency basis are classified under group 9619 (Other entertainment activities n.e.c.).

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9619 Other entertainment activities n.e.c.

This group includes the production of other kinds of entertainment not elsewhere classified such as the activities of ballrooms, discotheques and dance instructors, the activities of amusement parks and similar attractions, circus productions, puppet shows, rodeos, the activities of shooting galleries, etc.

Also included are the activities of ticket agencies that sell admission tickets for motion pictures and video tape projection and for dramatic art, music and other presentations on an agency basis.

Exclusions:

Other recreational activities are classified under group 9649.

962 9620 News agency activities

This group includes news syndicates and news agency activities consisting of the provision of news, pictures, features to the media and news reporting services to newspapers, periodicals and radio and television broadcasters.

963 Library, archives, museums and other cultural activities

9631 Library and archives activities

This group includes a wide variety of documentation and information activities provided by libraries and archives. Activities of libraries of all kinds, reading, listening and viewing rooms, public archives, etc. This usually involves the organisation of a collection, whether specialised or not, the making of catalogues, the lending and storage of, e.g., books, maps, periodicals, films, records, tapes. The services may be provided to the general public or to a special clientele such as students, scientists, staff, members, etc.

Exclusions:

Data base activities are classified under subgroup 86400.

9632 Museum activities and preservation of historical sites and buildings

This group includes the operation of museums of all kinds such as art museums, museums of jewellery, furniture, costumes, ceramics, silverware, etc., natural history and science museums, technological museums, historical museums, including military museums and historic houses and all kinds of other specialised museums. Also included is the preservation of historical sites and buildings.

9633 Botanical and zoological gardens and nature reserve activities

This group includes the operation of botanical and zoological gardens and of nature reserves including wildlife conservation, etc.

964 Sporting and other recreational activities

9641 Sporting activities

This group includes the organisation and operation of any kind of sports events outdoors or indoors for professionals or amateurs, and the operation of the facilities in which these sports are performed. This may involve organisations such as football clubs, bowling clubs, swimming clubs, golf clubs, boxing, wrestling, health or body building clubs, winter sport clubs, chess, draughts, domino or card clubs, field and track clubs, shooting clubs, etc., and the operation of the facilities for all these sports if they are especially used and designed for them. Such facilities may be arenas and stadiums, whether or not enclosed or covered, with or without provision for spectator seating. Also included are activities related to the promotion and production of sporting events and the activities of individual own account sportsmen and athletes, judges, timekeepers, instructors, teachers, coaches, etc., and also the activities of sport and game schools and those of racing stables, kennels and garages. Hunting for sport or recreation and related service activities.

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Exclusions:

The rental of sporting equipment is classified under group 8530 (Renting of personal and household goods n.e.c.).

Park and beach activities are classified under group 9649 (Other recreational activities).

9649 Other recreational activities

This group includes all activities related to recreation not classified elsewhere under this division. This includes casting activities for motion pictures, television productions or theatre productions, the activities of booking agencies at which bookings are made for films, theatrical productions or other entertaining attractions, the recording or taping of sound (music, etc.) on a fee or contract basis; the activities of recreation parks and beaches (including the renting of facilities such as bathhouses, lockers, chairs, etc.), activities related to recreational fishing, gambling and betting activities, fairs and shows of a recreational nature, recreational transport facilities (e.g. cableway transport at sightseeing places), etc.

Exclusions:

The training of dogs for security reasons is classified under group 8892 (Investigation and security activities).

Agency activities by agencies obtaining engagements on behalf of individuals in motion pictures, theatrical productions or other entertainment or sport attractions are classified under group 8899 (Other business activities n.e.c.).

Other entertainment activities, e.g. circus productions or the activities of ballrooms and discotheques, are classified under group 9619 (Other entertainment activities n.e.c.).

DIVISION 99: OTHER SERVICE ACTIVITIES

990 Other service activities

9901 Washing and (dry-) cleaning of textiles and fur products

This group includes the laundering and (dry-) cleaning, pressing, etc., of all kinds of clothing (including fur) and textiles, done by mechanical equipment, by hand or by self-service coin-operated machines, whether for the general public or for industrial or commercial clients. The renting of linen, industrial work uniforms and related items by laundries. It also involves laundry collection and delivery. Also included are the repair and minor alteration of garments or other textile articles when done in connection with cleaning. Carpet and rug shampooing and drapery and curtain cleaning on clients' premises are included here.

Exclusions:

The repair and alteration of clothing, etc., as an independent activity are classified under group 6260 (Repair of personal and household goods).

The renting of clothing or household textiles is classified under group 8530 (Renting of personal and household goods n.e.c.), even if the cleaning of these goods is an integral part of the activity.

9902 Hairdressing and other beauty treatment

This group includes hair washing, trimming and cutting, setting, dyeing, tinting, waving, straightening and similar activities for men and women, as well as shaving and beard trimming. Also included are facial massage, manicure and pedicure, make-up and other beauty treatment.

Exclusions:

The manufacture of wigs, etc. is classified under group 3929 (Other manufacturing n.e.c.).

9903 Funeral and related activities

This group includes activities such as the burial and cremation of human or animal corpses and related

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activities such as the preparation of the dead for burial or cremation, the provision of burial or cremation services, the rental of equipped space in funeral parlours, embalming and undertaking services, the rental or sale of graves, the upkeep and maintenance of graves and mausoleums, etc.

Exclusions:

Religious funeral service activities are classified under group 9591 (Activities of religious organisations).

The manufacture of coffins is classified under subgroup 32291 (Coffins (excluding the manufacture of coffins by funeral undertakers)).

9909 Other service activities n.e.c.

This group includes activities related to physical well-being and comfort, such as those carried out by Turkish baths, sauna and steam baths, solariums, spas, reducing and slimming salons, massage salons, restrooms, etc. Astrological and spiritualist activities. Social activities such as escort services, dating services, services of marriage bureaux, genealogical organisations, shoppers, shoe shiners, porters, etc.

**MAJOR DIVISION 0: PRIVATE HOUSEHOLDS, EXTERRITORIAL ORGANISATIONS,  
REPRESENTATIVES OF FOREIGN GOVERNMENTS AND OTHER ACTIVITIES NOT  
ADEQUATELY DEFINED**

**DIVISION 01: PRIVATE HOUSEHOLDS WITH EMPLOYED PERSONS**

This division includes the activities of private households employing all kinds of domestic staff such as maids, cooks, waiters, valets, butlers, laundresses, gardeners, gatekeepers, stablehands, chauffeurs, caretakers, governesses, baby-sitters and tutors, secretaries, etc.

Exclusions:

Households engaged mainly in production or trading activities or the provision of services are classified according to their main activity.

#### DIVISION 02: EXTERRITORIAL ORGANISATIONS

This division includes the activities of international organisations such as the United Nations and its agencies, the Development Bank of Southern Africa, the Multilateral Motor Vehicle Accident Fund, the Organisation of African Unity, the Customs Co-operation Council, etc.

#### DIVISION 03: REPRESENTATIVES OF FOREIGN GOVERNMENTS

This division includes the administration and activities of foreign governments stationed in South Africa.

##### Exclusions:

The administration and operation of South African diplomatic and consular missions stationed abroad are classified under major group 911 (Central Government activities).

#### DIVISION 09: OTHER ACTIVITIES NOT ADEQUATELY DEFINED

This division was established for the interim classification of establishments which are economically active, but in respect of which adequate information for the classification of their economic activities is not available.

## ***DIFFERENCES IN CODES BETWEEN THE SIC AND ISIC***



## DIFFERENCES IN CODES BETWEEN THE SIC AND ISIC

Description	SIC	ISIC	
	Division	Tabulation category	Division
Agriculture, hunting and related services	11	A	01
Forestry, logging and related services	12	A	02
Fishing, operation of fish hatcheries and fish farms	13	B	05
Mining of coal and lignite	21	C	10
Extraction of crude petroleum and natural gas; service activities incidental to oil and gas extraction excluding surveying	22	C	11
Mining of gold and uranium ore	23	C	12
Mining of metal ores, except gold and uranium	24	C	13
Other mining and quarrying	25	C	14
Service activities incidental to mining of minerals	29	-	-
Manufacture of food products, beverages and tobacco products	30	D	15, 16
Manufacture of textiles, clothing and leather goods	31	D	17, 18, 19
Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials; manufacture of paper and paper products; publishing, printing and reproduction of recorded media	32	D	20, 21, 22
Manufacture of coke, refined petroleum products and nuclear fuel; manufacture of chemicals and chemical products; manufacture of rubber and plastic products	33	D	23, 24, 25
Manufacture of other non-metallic mineral products	34	D	26
Manufacture of basic metals, fabricated metal products, machinery and equipment and of office, accounting and computing machinery	35	D	27, 28, 29, 30
Manufacture of electrical machinery and apparatus n.e.c.	36	D	31
Manufacture of radio, television and communication equipment and apparatus and of medical, precision and optical instruments, watches and clocks	37	D	32, 33
Manufacture of transport equipment	38	D	34, 35
Manufacture of furniture; manufacturing n.e.c.; recycling	39	D	36, 37
Electricity, gas, steam and hot water supply	41	E	40

## DIFFERENCES IN CODES BETWEEN THE SIC AND ISIC

Description	SIC	ISIC	
	Division	Tabulation category	Division
Collection, purification and distribution of water	42	E	41
Construction	50	F	45
Wholesale and commission trade, except of motor vehicles and motor cycles	61	G	51
Retail trade, except of motor vehicles and motor cycles; repair of personal and household goods	62	G	52
Sale, maintenance and repair of motor vehicles and motor cycles; retail trade in automotive fuel	63	G	50
Hotels and restaurants	64	H	55
Land transport; transport via pipelines	71	I	60
Water transport	72	I	61
Air transport	73	I	62
Supporting and auxiliary transport activities; activities of travel agencies	74	I	63
Post and telecommunication	75	I	64
Financial intermediation, except insurance and pension funding	81	J	65
Insurance and pension funding, except compulsory social security	82	J	66
Activities auxiliary to financial intermediation	83	J	67
Real estate activities	84	K	70
Renting of machinery and equipment, without operator and of personal and household goods	85	K	71
Computer and related activities	86	K	72
Research and development	87	K	73
Other business activities	88	K	74
Public administration and defence activities	91	L	75
Education	92	M	80
Health and social work	93	N	85

# DIFFERENCES IN CODES BETWEEN THE SIC AND ISIC

Description	SIC	ISIC	
	Division	Tabulation category	Division
Other community, social and personal service activities	94	O	90
Activities of membership organisations n.e.c.	95	O	91
Recreational, cultural and sporting activities	96	O	92
Other service activities	99	O	93
Private households with employed persons	01	P	95
Exterritorial organisations	02	Q	99
Representatives of foreign governments	03	-	-
Other activities not adequately defined	09	-	-