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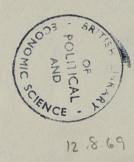
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# Standard Industrial Classification

LONDON
HER MAJESTY'S STATIONERY OFFICE
1968

First published 1948
Third edition 1968



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#### STANDARD INDUSTRIAL CLASSIFICATION

#### Introduction

A Standard Industrial Classification was first issued in 1948 to promote uniformity and comparability in official statistics of the United Kingdom, and in 1958 a revised edition was published incorporating a number of changes, although the main framework of the Classification was retained. Since then there have been changes in the organisation and relative importance of a number of industries which have made further revisions to the classification desirable. This new edition of the Standard Industrial Classification has again been prepared by an Inter-departmental Committee on which the principal departments collecting statistics have been represented. The Committee wishes to acknowledge the help received from trade organisations and individual experts familiar with different industries.

2. The International Standard Industrial Classification of all Economic Activities issued by the United Nations, which has recently been revised, has been taken into account in the preparation and revision of the Standard Industrial Classification for the United Kingdom and the same general principles have been followed.

#### The basis of classification

- 3. The Classification is based on industries and not on occupations. All persons (including administrative, technical, clerical and ancillary staffs) employed in a 'unit' of industry are included, irrespective of their occupations, in the figures of employment for the industry to which the 'unit' is classified. The classification is also based on industries without regard to who owns or operates them. Thus manufacturing 'units' owned or operated by the Central Government are classified in the same way as those in private hands and are not included under 'National Government Service'. Similarly the transport services operated by local authorities are included under 'Transport' and not under 'Local Government Service'.
- 4. The Classification has been prepared to conform with the organisation and structure of industry and trade as it exists within the United Kingdom. All relevant factors such as the commodity produced or service given, the raw materials used and the nature of the process or the work done, have been taken into consideration.
- 5. The Classification is arranged in a list of industry headings which show the minimum detail in which statistics by industry will normally be provided, and which are therefore called Minimum List Headings. The Headings of related industries are grouped into Orders.

#### Classification of establishments

6. For the purpose of this classification the unit taken is the 'establishment'. An establishment is the smallest unit which can provide the information normally required for an economic census, for example, employment, expenses, turnover, capital formation. Usually the principal activities carried

on in an establishment fall within a single heading of the Classification (e.g. steel making or sugar refining). Typically the establishment embraces all the activities carried on at a single address, e.g. a farm, a mine or a factory, including those which are ancillary to the principal activities.

- 7. Frequently, distinct activities characteristic of different industries are carried on at one address, e.g. cotton weaving and the making up of household textiles, but normally these are not classified separately, and the whole establishment is classified according to the main activity. If, however, the required range of data can be provided for each activity, each is taken to constitute a separate establishment.
- 8. Sometimes activities which are conducted as a single business are carried on at a number of addresses. Where this is so businesses are asked to provide the full range of separate information in respect of each address, whether or not the activities are different. Their activities may however be integrated to such an extent that they constitute a single establishment. In that case, the establishment is defined to cover the combined activities at these addresses, which in the case of manufacturing establishments would normally be in close proximity. For some subjects, however, e.g. employment, separate data will be available for each address. In such circumstances each address will be identified as a 'local unit' and can be classified in either of the following ways according to the purpose for which statistical data are needed, viz. (a) to the classification of the establishment of which it is part or (b) to the classification appropriate to its own major activity. As appropriate, statistics will be prepared on either or both bases of classification.
- 9. Activities which are ancillary to the main activities of a business are most frequently transport, wholesale or retail distribution, construction, power generation, and research and development. The classification of these ancillary units, other than separate offices, is determined according to the circumstances, as follows:
  - (a) If a full range of information can be provided they are counted as separate establishments and classified according to their own activities.
  - (b) Where a full range of information cannot be provided the establishment within which they are integrated is defined to include them. Where they are carried on at a separate address, they are, however, separately identified as local units classified in accordance with the principle outlined in paragraph 8. Separately obtainable particulars for them, e.g. of employment, may be required for purposes of geographical analysis.
- 10. A number of businesses have Head Offices or other Central Offices at separate locations from those of the establishments at which the main activities of the business are carried out. These separate offices present a special problem, since they do not have any measurable output of their own but contribute to that of the establishment(s) which they serve. The treatment of these offices is described below.

Central offices of businesses operating in the United Kingdom are classified as follows:

- (1) If all or most of the activities of the establishments served by the office are appropriate to a single Heading, the office is treated as a local unit of an establishment classified in that Heading.
- (2) If all or most of the activities of the establishments served by the office are appropriate to a single Order the office is treated as a local unit of an establishment classified in the Heading within that Order appropriate to the largest part of these activities.
- (3) If neither (1) nor (2) above applies, the office is treated as an independent establishment and classified in Heading 866.

Any activities of branches or subsidiary companies operating overseas, with which part of the business of a central office is concerned, are regarded as falling outside the Order(s) appropriate to the home activities of the business but are taken into account in applying the foregoing rules to the office.

The United Kingdom offices of businesses operating mainly abroad are classified in Heading 866.

- 11. Some special points should be mentioned:
  - (a) Merchanting activities. Establishments mainly engaged in merchanting, broking, importing and exporting are classified in the distributive trades, and not in the industry or trade producing the goods in which they deal.
  - (b) Repair work. Most kinds of repair work are associated with activities which are classified either to manufacturing or to distribution and in these cases the underlying principle of classification is that where the bulk of the repair work on goods of any particular type is carried out by manufacturers, any establishments specialising in the repair of these goods are classified to manufacturing. Where, however, most of the repairs are carried out at establishments whose main business is distribution the specialist repair establishments are also classified to distribution.

Thus establishments repairing radio and television sets, watches and clocks, furniture, etc. are classified to the distributive trades. Establishments engaged in the repair of ships, locomotives, aircraft, and most kinds of plant and machinery are classified to manufacturing industry.

In a few cases repair work is not classified to either manufacturing or distribution. Establishments engaged in the repair and maintenance of buildings are included in Construction. The activities of motor repairing and boot and shoe repairing, which are regarded as services, are sufficiently extensive and distinct to be treated as industries in themselves although particular establishments may engage to some extent in manufacturing or distributive activities. Provision is made for these two kinds of repair work in Miscellaneous Services.

(c) Installation work. The installation of machinery equipment, etc. is an activity which is normally carried out by an establishment having a different major activity, which decides its industrial classification.

Where, however, installation is the only, or major, activity of a separate establishment or department for which the full range of data can be provided, it should be classified to an appropriate Heading in the following Orders, according to the kind of service provided:

Construction. The installation of items or equipment which can be regarded as forming an integral part of the building e.g. an electrical wiring system, heating and ventilating equipment.

Distribution. The installation of items which require little more than the connection of the equipment to the mains e.g. domestic washing machines, television sets.

Manufacturing. The installation of plant and machinery e.g. a computer, a telephone exchange system.

### **Description of the Classification**

12. The Standard Classification which is given in detail in the following pages consists of 181 Minimum List Headings which are distinguished by arabic numerals. These Minimum List Headings have been grouped into 27 Orders which are distinguished by roman numerals. Gaps in the sequences of numbering the Headings with each Order have been left to permit additions to the Minimum List which may be necessary at a later date. Optional sub-divisions of many items in the Minimum List are given. They are suggested for use where a more detailed classification is required.

13. The numbers of the Minimum List Headings are given on the left-hand side of each page. The notation constitutes a code suitable for identifying Orders and certain other groupings (see Appendix).

14. A brief description of the main industries or services included is given below the title of each heading or sub-division. It should be noted that these descriptions refer to the classification of 'establishments' as defined in paragraphs 6–10. The establishments classified under any particular heading will not necessarily account for the whole of the output of the products or services listed under that heading. On the other hand, they may produce some goods or services which are mainly produced by establishments classified under other headings.

15. An Alphabetical List of Industries which constitutes an index for use in conjunction with the Standard Industrial Classification will be published shortly as a companion volume.

Central Statistical Office,

Great George Street, London, S.W.1.

September 1968.

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#### ORDER I-AGRICULTURE, FORESTRY, FISHING

Minimum List Heading

#### 001 Agriculture and Horticulture

#### 1. Farming and stock-rearing

All types of agricultural holdings, including those of 1 acre or less, except market gardens and holdings used mainly for the production of fruit, flowers or seeds.

#### 2. Agricultural contracting

Services such as ploughing, ditching, field draining, hedging, crop spraying (including aerial spraying), harvesting (including pea vining), grain drying and dressing, or threshing performed for farmers on a contract basis. Thatching and the destruction of rabbits and other vermin are included.

#### 3. Market gardening, fruit, flower and seed growing

Agricultural holdings including those of 1 acre or less, used mainly for the production of vegetables, fruit, flowers or seeds (other than seed potatoes and grass and cereal seeds, which are included in 'farming and stockrearing'). Nursery gardens producing plants, fruit trees, ornamental trees and shrubs, etc. are included.

#### 002 Forestry

Planting, replanting and maintenance of woodlands and forests; tree felling (except tree felling carried out by sawmilling establishments which is classified in Heading 471); gathering of uncultivated vegetable products such as ferns, furze, moss, reeds, etc. from forests and elsewhere.

#### 003 Fishing

#### 1. Sea fishing

Sea fishing by net or line; fishing for oysters, lobsters, crabs and other shellfish. The whaling industry is included.

#### 2. Fishing in inland waters

Fishing in rivers, lakes and canals and the operation of fish farms and hatcheries.

#### ORDER II—MINING AND QUARRYING

Note: In addition to the actual mining or quarrying, the various Headings and sub-divisions of this Order include cleaning, washing, grading, and similar ancillary operations. Processing activities carried on at the site of the mine or quarry should if possible be identified and classified separately, but if they cannot be separately identified the whole establishment should be classified as follows:

- (a) To a Heading in Order II where the further activities do not substantially alter the nature of the material e.g. the production of salt, roofing slates, road stones (including coated roadstones).
- (b) To a Heading in Order VI or XVI where the further activities substantially alter the nature of the material e.g. iron works, brick works, cement works.

#### 101 Coal Mining

Extracting coal from deep mines and quarries. Extracting coal from opencast workings is classified in Heading 500.

#### AMENDMENT LIST 1

Page 8 Minimum List Heading 104 Petroleum and Natural Gas Delete existing details and Insert the following:

Exploration for and extraction of petroleum on land and offshore; 'petroleum' in this context includes mineral oil, natural gas and natural gas condensates. The Heading includes the activities of holders of petroleum exploration and production licences. Also included are the activities of licensees' contractors and agents providing services unique to this industry and not allocable to any other Heading in the classification, e.g. well drilling, seismic surveying specifically for petroleum deposits and offshore pipelaying. (The provision of other services, e.g. manufacturing, repairing, catering, transport, procurement or hiring should be included in the appropriate Headings elsewhere in the classification.)

Mining and retorting of oil shale are included under this heading. Also included is the operation of land terminals for stabilisation, separation and storage, and of offshore or land pipelines between well-head and terminal. Other land pipelines are classified to Heading 262 if feeding a refinery, Heading 601 if part of the distribution of gas or Heading 811 if part of the distribution of fuel.

Heading

### 102 Stone and Slate Quarrying and Mining

#### 1. Stone quarrying and mining

Extracting granite, limestone, marble, sandstone, etc. from mines, pits or quarries.

#### 2. Slate quarrying and mining

### 103 Chalk, Clay, Sand and Gravel Extraction

#### 104 Petroleum and Natural Gas-

Exploration (including boring) for and extracting petroleum on land and off-shore, mining oil shale (including oil shale retorting). Petroleum includes natural gas and natural gas condensates. Producers' off-shore pipe lines are included but not land pipe line terminals owned by associated companies or the Gas Council which are classified in Headings 262, 601 of 811 as appropriate.

#### 109 Other Mining and Quarrying

#### 1. Iron ore mining and quarrying

Mining or quarrying iron ore, ironstone and bog ore.

#### 2. Other metalliferous mining and quarrying

Mining or quarrying bauxite, copper, gold, lead, silver, zinc and other non-ferrous metals or metalliferous ores.

#### 3. Salt mines, brine pits, salt works

Extracting and refining salt (at mine or pit). Processing, packing, etc. salt at separate establishments is classified in Heading 229.

#### 4. Other non-metalliferous mining and quarrying

Mining or quarrying alum, barytes, graphite, gypsum, fluorspar, etc. Ores and compounds with a metallic content but which are not normally used for the production of metal, e.g. iron pyrites, are included in this subdivision and not in iron ore or other metalliferous mining.

#### ORDER III—FOOD, DRINK AND TOBACCO

#### 211 Grain Milling

#### 1. Wheat milling

Milling wheat including the production of wheat offal. The production of self-raising and patent flour at milling establishments is included.

#### 2. Other

Milling, flaking or rolling barley, oats, rye, rice, etc., the production of grain offal, splitting or grinding peas, beans, lentils, soya beans, sago, tapioca, or manufacturing ready-to-eat breakfast cereals such as cornflakes, puffed or shredded wheat.

#### 212 Bread and Flour Confectionery

Making bread, cakes, pastries, pies (other than meat pies), puddings (other than meat or canned puddings), etc. Production at small bakehouses attached to bakers' shops is classified in Heading 820. (Small bakehouses are those with fewer than 25 employees.)

#### 213 Biscuits

Making biscuits, rusks, shortbread, crispbread, cereal fillers (sausage meal), etc.

#### **ORDER III**—(continued)

#### Minimum List Heading

### 214 Bacon Curing, Meat and Fish Products

### 1. Quick freezing meat and fish products

Quick freezing meat and meat products including poultry, and fish and fish products.

#### 2. Other processing and preserving of meat and fish

Curing bacon and ham, canning and otherwise preserving meat, poultry and fish (other than by quick freezing), preparation of oven ready poultry, and making sausages, meat pasties, pies and puddings, meat extracts and essences and meat and fish pastes. Production at distributive establishments is excluded.

#### 215 Milk and Milk Products

#### 1. Heat treatment of milk

Pasteurizing etc., and homogenizing liquid milk for wholesale and retail distribution. The wholesale and retail distribution of milk are classified in Order XXIII.

#### 2. Butter, cheese, etc.

Making butter, cheese, condensed, evaporated and dried milk, etc., including fresh and preserved cream and infant and invalid foods with a milk base.

#### 3. Ice cream

#### 216 Sugar

Manufacturing or refining sugar, syrup and treacle, molasses and invert sugar.

### 217 Cocoa, Chocolate and Sugar Confectionery

#### 1. Cocoa and chocolate

Manufacturing cocoa powder, drinking chocolate and chocolate confectionery of all kinds. Cocoa butter is included.

#### 2. Sugar confectionery

Manufacturing boiled sweets, toffee, caramels, marzipan, liquorice, chewing gum and all other types of sweets.

#### 218 Fruit and Vegetable Products

#### 1. Jam, marmalade, jellies, etc.

Manufacturing jam, marmalade, mincemeat, jellies, fruit curd, fruit pulp, crystallized fruit and candied peel, and honey processing.

#### 2. Quick freezing fruit and vegetables

#### 3. Other fruit and vegetable products

Preserving fruit and vegetables by canning, bottling, pickling, drying (except field drying), dehydrating; processing fruit and vegetables by heat treatment. Manufacturing potato crisps, pickles, sauces and other relishes, salad cream, vinegar, soups and homogenized baby foods. The canning of spaghetti, etc. is included.

### 219 Animal and Poultry Foods

Manufacturing or compounding animal and poultry food, bird and pet foods. The production of grain offals is classified in Heading 211, and of oilseed cakes and meals in Heading 221; the manufacturing of animal and poultry medicines, condiments and spices is classified in Heading 272.

#### ORDER III—(continued)

Minimum List Heading

#### 221 Vegetable and Animal Oils and Fats

The production of crude oil from oilseeds, nuts or fish; the refining and hydrogenation (hardening) of vegetable and marine oils, including olive oil, whale oil and fish liver oils and the manufacture of dripping, suet, tallow, premier-jus, oleo-stearine and other animal oils and greases. The production of oilseed cakes and meals is included.

#### 229 Food Industries not elsewhere specified

#### 1. Margarine

Manufacturing margarine and compound cooking fats.

#### 2. Starch and miscellaneous foods

Manufacturing starch, starch products and ice, and all foods not elsewhere specified such as cornflour, glucose, blancmange and custard powders, cake mixtures, macaroni, etc., yeast, coffee extracts and essences, and mustard. Blending flour, grinding pepper and spices, shelling and grinding nuts, tea blending, coffee roasting and blending, etc. are included, but the canning of spaghetti, etc. is classified in Heading 218.

#### 231 Brewing and Malting

Brewing beer; malting barley.

#### 232 Soft Drinks

Manufacturing aerated waters, fruit squashes and cordials, fruit and vegetable juices, ginger beer and other soft drinks. Soft drinks in powder or crystallized form are included.

#### 239 Other Drink Industries

#### 1. Spirit distilling and compounding

Distilling gin, whisky and other potable spirits. Blending is included. Distilling industrial alcohol and methylating spirits are classified in Heading 271.

#### 2. British wines, cider and perry

#### 240 Tobacco

Manufacturing tobacco, cigars, cigarettes and snuff.

#### ORDER IV—COAL AND PETROLEUM PRODUCTS

#### 261 Coke Ovens and Manufactured Fuel

#### 1. Coke, excluding low temperature coke

Coke ovens producing hard coke and associated by-products. Coke ovens forming part of the gas industry are classified in Heading 601.

#### 2. Low temperature coke

Plants producing low temperature coke and other manufactured solid fuels (except gas coke and hard coke) whether carbonised or not.

#### → 262 Mineral Oil Refining

Refining petroleum or shale oil, and production of medicinal paraffin, paraffin wax, petroleum jelly, etc.

#### 263 Lubricating Oils and Greases

Blending mineral, animal or vegetable lubricating oils and greases. Blending at refineries is classified in Heading 262.

#### ORDER V—CHEMICALS AND ALLIED INDUSTRIES

Minimum List Heading

#### 271 General Chemicals

#### 1. Inorganic chemicals (including inorganic gases)

Manufacturing chemical elements (including carbon) and compounds excluding those containing carbon (except for certain simple compounds such as calcium carbide, carbon disulphide and carbon dioxide). Prepared inorganic pigments are classified in Heading 277 and fertilizers in Heading 278. Radio-active inorganic elements, compounds and isotopes, mixtures of chemicals, and certain compounds used mainly for specific end-uses (such as hydrosulphites and hypochlorites), are classified in Sub-division 3 of this Heading.

### 2. Organic chemicals (including organic gases)

Manufacturing separate chemically defined organic compounds (i.e. compounds containing carbon, but excluding condensates, polymers and copolymers, elemental carbon, and certain simple carbon compounds such as calcium carbide, carbon disulphide and carbon dioxide). Products of tar distillation and benzole refining are included. Radio-active organic compounds and isotopes, mixtures of chemicals, and certain compounds used mainly for specific end-uses (such as simple phosphate or phthalate plasticiser chemicals) are classified in Sub-division 3 of this Heading; organic pharmaceutical chemicals and prepared products derived from organic chemicals, such as dyestuffs, pesticide preparations and pharmaceutical preparations are classified in other Headings of this Order.

#### 3. Other chemicals

Manufacturing chemical mixtures, excluding chemical compounds containing impurities, or to which water, solvents or stabilisers have been added solely for reasons of safety, transport or preservation. Certain organic or inorganic compounds used mainly for specific end-uses (such as hydrosulphites, hypochlorites, simple phosphate or phthalate plasticiser chemicals), nuclear fuels, and radio-active elements, compounds and isotopes are included. Pharmaceutical chemicals and preparations are classified in Heading 272, dyestuffs in Heading 277, and pesticides in Heading 279.

#### 272 Pharmaceutical Chemicals and Preparations

Manufacturing products for therapeutic and prophylactic use (including veterinary) and chemicals for compounding into such products, including the same chemicals when used subsequently as additives to foods and drinks.

#### **273 Toilet Preparations**

Manufacturing cosmetics, hair dressings, bath salts, shampoos, tooth pastes and powders, perfumes, etc.

#### 274 Paint

Manufacturing paint, varnish, enamel, distemper, wood stain, french polish, white lead (in paste form) and artists' colours. Cement based paint is classified in Heading 464.

#### 275 Soap and Detergents

Manufacturing soaps, soap powder, soap flakes, shaving soap or cream, soapless detergents, scouring preparations, primary products of sperm oil (including higher fatty alcohols), stearine, glycerine, candles, night-lights and tapers; fat splitting and distillation.

#### 276 Synthetic Resins and Plastics Materials and Synthetic Rubber

#### 1. Synthetic resins and plastics materials

Manufacturing synthetic resins and plastics materials in the form of solid and liquid resins, latices, solutions, dispersions and emulsions, moulding and extrusion compounds, foam, non-decorative sheet, laminated sheet (including decorative), film, rods and tubes and profile shapes. Glass fibre sheet

Minimum List Heading

### 276 Synthetic Resins and Plastics Materials and Synthetic Rubber— (continued)

and transparent regenerated cellulose film are included. Unformulated synthetic resin adhesives are included, but formulated synthetic resin adhesives (i.e. containing additives such as solvents, plasticisers etc.) are classified in Heading 279. The production of textile fibres from plastics materials is classified in Heading 411. Plastics mouldings, castings or extrusions produced from these synthetic resins and plastics materials and articles cut from plastics sheet are classified in Heading 496. Plastics floor-coverings and decorative plastics sheet (excluding laminated thermosetting sheet) are classified in Heading 492.

#### 2. Synthetic rubber

The manufacture of synthetic rubber. Reclaimed rubber and rubber goods are classified in Heading 491.

#### 277 Dyestuffs and Pigments

Manufacturing synthetic dyestuffs, including dyestuffs intermediates, vegetable dyes and tanning extracts, pigment dyestuffs and lakes and inorganic pigment colours. Confectioners' colours are classified in Heading 271.

#### 278 Fertilizers

Manufacturing or compounding artificial fertilizers.

#### 279 Other Chemical Industries

#### 1. Polishes

Manufacturing wax and other polishes of all types (except french polish which is classified in Heading 274) for leather, wood or metal. Impregnated polishing cloths and sponges are included.

#### 2. Formulated adhesives, gelatine, etc.

Manufacturing formulated synthetic resin adhesives (i.e. containing solvents, plasticisers etc.); unformulated synthetic resin adhesives are classified in Heading 276. Rubber adhesives are included. Manufacturing gelatine, glue, size, gum, paste etc. including preliminary processes such as scraping and crushing of bones, and grinding gums and natural resins.

### 3. Explosives and fireworks

Manufacturing explosives, detonators, fuses (not shell fuses), percussion caps, flares, signal rockets, etc. Manufacturing fireworks and matches, and live ammunition. Filling bombs, cartridges, shells, etc. Establishments making live military ammunition which also make the cases for it are classified in Heading 342.

### 4. Formulated pesticides, etc.

Manufacturing formulated pesticides, sheep dips, weedkillers and other phytosanitary products; fertilizers are classified in Heading 278. Manufacturing disinfectants, excluding antiseptics which are classified in Heading 272.

#### 5. Printing ink

Manufacturing printing ink and printers' rollers.

#### 6. Surgical bandages, etc.

Manufacturing surgical dressings, plasters and bandages whether medicated or not, surgical sutures and sanitary towels.

#### 7. Photographic chemical materials

Manufacturing sensitized photographic film and plate and photographic processing chemicals. Unsensitized photographic film is classified in Heading 276

#### ORDER VI-METAL MANUFACTURE

Minimum List Heading

Note: This Order includes smelting, refining and alloying (including steel melting); rolling and drawing; and the production of castings, forgings, and other basic forms of ferrous and non-ferrous metals. Drop forging of iron and steel, wire drawing and further processing and fabrication are excluded. The production of precious metals is classified in Order XII.

#### 311 Iron and Steel (General)

#### 1. Wrought Iron

Wrought iron works, including puddling furnaces.

#### 2. Steel

Blast furnaces (including ore preparation plants) producing pig iron (in integrated steel works), ferro-manganese or spiegeleisen. Making alloy or carbon steel in furnaces or converters; rolling (including re-rolling and cold rolling) steel into semi-finished or finished forms, and the production of castings in steel foundries. The production of railway and tramway tyres, wheels and axles, points, switches and crossings, colliery arches and bright bars and heavy forgings is included, as also is the production of steel plates and sheets (including coated and corrugated sheets) in cut lengths or coils, and of tinplate, terneplate and blackplate, as well as semi-finished material for conversion into tubes and wire. The production of tubes and wire is classified in Headings 312 and 394 respectively. Drop forgings, drop stampings and hot pressings are classified in Heading 399.

#### 312 Steel Tubes

Manufacturing all types of steel tube and pipe, and fittings therefor, including conduits, gas cylinders and flexible tubes. Blast furnaces (including ore preparation plants) producing pig iron at integrated tube works are included.

#### 313 Iron Castings, etc.

#### 1. Pig iron

Blast furnaces (including ore preparation plants) producing pig iron other than those in integrated steel or tube works.

#### 2. Refined pig iron

Re-melting pig iron with scrap iron to produce special qualities of foundry iron.

#### 3. Engineers' castings

Foundries producing iron castings (including malleable iron castings), whether machined or not, for all types of engineering products including vehicles.

#### 4. Other iron castings

Foundries producing all other types of cast iron goods including pipes and gutters, baths, manhole covers, stoves, grates and ranges, hot water boilers and radiators cast in sections, ingot moulds and bottoms, pillar boxes, and cast iron fittings for the furniture trade.

#### 321 Aluminium and Aluminium Alloys

Manufacturing aluminium and its alloys in the form of ingots, bars, billets, sheets, strip, sections, pipes, tubes, castings, extrusions, drop forgings, etc., including all preliminary processes from smelting and refining onwards. The treatment of bauxite other than in aluminium works is classified in Heading 469.

Minimum List Heading

#### 322 Copper, Brass and Other Copper Alloys

Refining copper and making copper alloys (brass, bronze etc.). The production in copper and its alloys of ingots, bars, billets, sheets, strip, foil, circles, sections, rods, pipes, tubes etc., and of die castings. The production of engineers' castings, stampings and pressings is included but wire drawing and the production of finished goods such as hollow-ware are excluded.

#### 323 Other Base Metals

Smelting and refining lead, zinc, magnesium and titanium and manufacturing their alloys. The production in these metals and alloys of ingots, bars, billets, sheets, strip, foil, circles, sections, rods, pipes, tubes etc., and of die castings. Wire drawing and the production of finished goods such as hollow-ware are excluded.

Manufacturing ferro-chrome, ferro-molybdenum, ferro-silicon, ferro-tungsten, etc., otherwise than in blast furnaces.

Smelting, refining, melting non-ferrous metals not elsewhere specified.

#### ORDER VII-MECHANICAL ENGINEERING

Note: Establishments specialising in the production of parts for a particular type of machinery included in this Order are classified to the same Heading as manufactures of such machinery unless such parts are specifically classified elsewhere. See also the definition of Heading 349, Sub-division 3.

#### 331 Agricultural Machinery (except tractors)

Manufacturing agricultural machinery and implements (including self-propelled agricultural machinery) such as ploughs, harrows, combine harvesters, elevators, etc. Milking machines are included but dairy machinery and appliances are classified in Heading 339, Sub-division 7. Tractors and hand tools such as spades are classified in Headings 380 and 391 respectively. Specialist repairers of agricultural machinery are classified in Heading 832.

### 332 Metal-working Machine Tools

Note: Rolling mills and portable power tools are excluded from this Heading and classified in Heading 339; metal manufacturing plant is classified in Heading 341.

#### 1. Metal-cutting machine tools

Manufacturing metal-cutting machine tools, including boring, drilling, grinding and milling machines; lather and other turning machines; machining centres.

#### 2. Metal-forming machine tools

Manufacturing metal-forming machine tools, including forging machines and hammers, extrusion and other presses, wire-drawing machines and sheet metal working machines.

#### 3. Welding and flame-cutting equipment

Manufacturing all types of electric and gas welding machinery and equipment, and flame-cutting machines. Welding electrodes and rods are included.

#### 4. Other physio-chemical process cutting and forming machines

Manufacture of equipment for high energy rate forming, electrochemical machinery, ultrasonic erosion etc. Electron beams and laser machines for metal-working are included.

Minimum List Heading

#### 333 Pumps, Valves and Compressors

Note: Component parts of internal combustion engines are excluded from this Heading and classified in Headings 334, 370, or 380-383 as appropriate.

#### 1. Pumps

Manufacturing pumps for handling liquids but excluding pumps specifically designed for actuating hydraulic equipment which are classified in Sub-division 4 of this Heading. Petrol station pumps are included.

#### 2. Valves

Manufacturing industrial valves and cocks including pneumatic control valves.

#### 3. Compressors

Manufacturing air and gas compressors and exhausters. Compressors for refrigerators are classified in Heading 339.

#### 4. Fluid power equipment

Manufacturing equipment for operating machinery by hydraulic or pneumatic means, including hydraulic pumps and motors, hydraulic control and ancillary valves, pneumatic motors, pneumatic and hydraulic actuators, boosters, cylinders, rams and accumulators and power packs.

#### 334 Industrial Engines

#### 1. Internal combustion engines

Manufacturing industrial internal combustion engines (other than in marine engineering establishments as defined in Heading 370). Gas turbines and internal combustion engines for rail vehicles are included but internal combustion engines for the propulsion of wheeled tractors, motor vehicles and aircraft are classified in Headings 380, 381 and 382, and 383 respectively.

#### 2. Other prime movers

Manufacturing all other types of prime movers except turbines for electricity generation, which are classified in Heading 361, marine engines, classified in Heading 370, and steam locomotives, classified in Heading 384.

#### 335 Textile Machinery and Accessories

Manufacturing textile spinning, winding, weaving, knitting, printing, dyeing, etc., machinery, and accessories such as bobbins, combs, reeds, rollers, shuttles, sliver cans, spindles, spools and teasel rods.

#### 336 Construction and Earth-Moving Equipment

Manufacturing excavating and earth-moving equipment such as excavators, crawler tractors, dozers, graders, scrapers, shovel loaders and dumpers; roadmaking and maintenance equipment such as asphalt mixing and laying machines and road rollers, concrete mixers; pile drivers, etc.; and quarry crushing and screening plant. Drag scrapers and cableway excavators and cranes, hoists, etc. are classified in Heading 337 and compressors in Heading 333.

#### 337 Mechanical Handling Equipment

#### 1. Conveyors, aerial ropeways etc.

Manufacturing aerial ropeways, bucket wheel reclaimers; cableways and cableway excavators; conveyors and feeders (other than underground); drag scrapers; elevators; live storage racks; overhead runways (powered), suspension railways and telphers; pallet hoists; palletizers; pneumatic and hydraulic handling plant; portable and mobile conveyors and elevators;

#### 337 Mechanical Handling Equipment—(continued)

hoists (hydraulic, mechanical and pneumatic) other than builders' hoists, handoperated, and electric hoists (see Sub-division 4 of this Heading); stacking machines; tipplers and tippers other than for road vehicles; wagon marshalling equipment. Drag line excavators are classified in Heading 336, and colliery conveying equipment is classified in Heading 339.

#### 2. Cranes and transporters

Manufacturing cranes of all types including derrick cranes; dockside and gantry jib cranes; electric overhead travelling cranes; power operated mobile cranes; steelworks cranes; tower cranes; rail-mounted cranes; and transporters.

#### 3. Lifts and escalators

Manufacturing passenger and goods lifts; escalators and passenger conveyors.

#### 4. Lifting and winding devices

Manufacturing electric hoists using wire rope or chain; hand-operated chain, rope and lever hoists, pulley blocks and sheave blocks; power and hand-operated travelling carriages; lifting jacks and tackle, capstans, winches and windlasses (builders' hoists are included).

#### 5. Powered industrial trucks and industrial tractors

Manufacturing fork-lift and pallet trucks, elevating and fixed platform trucks and other industrial trucks and tractors.

#### 338 Office Machinery

Manufacturing typewriters, duplicating (including small offset litho) machines, adding machines, calculating and tabulating machines, cash registers and other machinery for office use. Electronic desk calculators are included but electronic computers are classified in Heading 366. Dictating machines are classified in Heading 365.

#### 339 Other Machinery

#### 1. Mining machinery

Manufacturing boring and cutting machinery, underground conveyors, screening, washing and other machinery for mines.

#### 2. Printing, bookbinding and paper goods machinery

Manufacturing typesetting and composing room equipment, printing presses, ruling machines, bookbinding machinery (including bookbinders' sewing machines), cardboard box, paper bag, envelope and paper goods making machinery.

### 3. Refrigerating machinery (except domestic type refrigerators)

Manufacturing refrigerating machinery, commercial refrigerators and commercial refrigerating equipment, including deep freeze and quick freeze machinery. Domestic type refrigerators and deep freeze units (including non-electric refrigerators) are classified in Heading 368.

### 4. Space-heating, ventilating and air-conditioning equipment

Manufacturing, other than at foundries, equipment for space-heating, ventilating and air-conditioning systems and dust extraction systems, including heater batteries, unit heaters, ventilators, hoods, cowls, ducting, etc. Self-contained air conditioning machines are included but thermostats and similar measuring and controlling apparatus are excluded and classified in Heading 354. Domestic type electric heaters, fans, etc. are classified in Heading 368, and self-contained oil burners and gas heaters in Headings 349 and 399 respectively. Establishments specialising in the installation of equipment are classified in Heading 500.

### Heading

Minimum

List

#### 339 Other Machinery—(continued)

#### 5. Scales and weighing machinery

Manufacturing scales, spring balances, weighing machinery, etc.

#### 6. Portable power tools

Manufacturing portable power tools of the hand-held type and the type employed in civil engineering, mining and quarrying. Flexible shaft drive tools are included.

#### 7. Food and drink processing machinery

Manufacturing machinery for food and drink preparation, processing and sterilizing. Dairy machinery is included, except milking machines which are classified in Heading 331. Portable domestic electrical appliances are classified in Heading 368, and grain milling plant is classified in Heading 341.

#### 8. Packaging and bottling machinery

Manufacturing machinery for bottling, packing, canning, packeting and labelling and for bottle washing.

#### 9. Other machinery except electrical machinery

Manufacturing boot and shoe machinery, brick making machinery, paper and pulp making machinery, rolling mills and other complete machines not elsewhere specified. Laundry machinery (other than electrical domestic), and dry cleaning machinery are included.

### 341 Industrial (including Process) Plant and Steelwork

#### 1. Boilers and boilerhouse plant

Manufacturing steam raising boilers of all types and accessories such as mechanical stokers. Marine boilers and hot water boilers cast in sections are classified in Headings 370 and 313 respectively.

#### 2. Other industrial, including process plant

Manufacturing process plant and other industrial plant including lime and cement kilns, gas plant, sintering plant, metallurgical and other furnaces and other metal manufacturing plant (excluding rolling mills), de-greasing and coating plant, chemical, petro-chemical and oil refining plant, nuclear reactors, water and sewage treatment plant.

#### 3. Process plant engineering contractors

Contractors responsible for the design, engineering, procurement, construction and commissioning of complete plants for process industries (i.e. chemicals, petro-chemicals, oil refining and gas). Firms responsible for only some of these functions are excluded. For example, consulting engineers not responsible for the complete plant are classified in Heading 879.

#### 4. Constructional steelwork

Manufacturing structural iron and steelwork, e.g. for buildings and bridges (including similar work in other metals) and prefabricated buildings of steel and other metals.

#### 5. Other fabricated iron and steelwork

Manufacturing heavy iron and steelwork (including similar work in other metals) other than for structural uses, including storage tanks, spheres, process pressure vessels, heat exchangers; pipes, chimneys, bunkers, bins and hoppers. (The industrial hollow-ware classified in Sub-division 7 of Heading 399 is excluded.)

### 342 Ordnance and Small Arms

Manufacturing guns, machine guns, mortars, rifles, pistols, revolvers, torpedoes, shell cases and components, bomb cases and components, cases and components for small arms ammunition, sporting guns, air rifles etc. Tanks are included but armoured cars and troop carriers are excluded and classified in Heading 381. The manufacture of swords, bayonets, etc. except by general cutlery firms is also included.

#### Order VII—(continued)

Minimum List Heading

### 349 Other Mechanical Engineering not elsewhere specified

#### 1. Ball and roller bearings

Manufacturing ball, roller, needle and similar bearings, including those for motor vehicles.

#### 2. Precision chains

Manufacturing transmission and other precision chains, including transmission chains for motor vehicles and cycles.

#### 3. Other mechanical engineering

Establishments undertaking general sub-contract or repair work. Establishments manufacturing mechanical engineering products (including machinery parts) not elsewhere specified, or of such a mixed character that they cannot be allocated elsewhere in Order VII.

#### ORDER VIII—INSTRUMENT ENGINEERING

#### 351 Photographic and Document Copying Equipment

Manufacturing cameras, projectors, photographic accessories and document copying equipment (including machinery using the xerographic process etc.). Photographic lenses are classified in Heading 354, and sensitized paper and cloth, films and plates are classified in Heading 279.

#### 352 Watches and Clocks

The manufacture of complete watches and clocks (including electric clocks) and parts other than springs, and of time locks, time recorders, etc. Time switches are classified in Heading 369.

#### 353 Surgical Instruments and Appliances

#### 1. Surgical, dental and veterinary instruments and appliances

Manufacturing surgical cutlery, dental instruments, splints, trusses, artificial eyes, artificial teeth and artificial limbs, and other surgical and dental appliances. Electro-medical equipment, including X-ray apparatus, is classified in Heading 367. Plastics components are classified in Heading 496.

#### 2. Spectacles, etc.

Manufacturing spectacles, monocles, goggles etc., including frames and lenses. Dispensing opticians other than wholesale are excluded.

### 354 Scientific and Industrial Instruments and Systems

#### 1. Optical instruments

Manufacturing lenses, prisms and other optically worked elements, telescopes, binoculars, monoculars, microscopes, optical surveying instruments, optical metrological instruments, optical density measuring equipment, ophthalmic instruments, photocells and other optical instruments and apparatus. Optical nautical and aeronautical and gunnery control instruments are included, but the grinding of spectacle lenses is classified in Sub-division 2 of Heading 353. Photographic and cinematographic apparatus is classified in Heading 351.

#### 2. Other scientific and industrial instruments and systems

Manufacturing scientific instruments, equipment and systems for sensing, measuring, indicating, recording and/or control of mechanical, electrical (including electronic), and magnetic magnitudes, including simple measuring devices such as pressure gauges, meters. Ultrasonic instruments and equipment are included. Mechanical and electrical medical measuring instruments are included, but other electro-medical equipment is classified in Heading 367. Engineers' gauges are classified in Heading 390.

#### ORDER IX-ELECTRICAL ENGINEERING

Minimum List Heading

#### 361 Electrical Machinery

1. Machinery for generating, transmitting and distributing electric power

Manufacturing electricity generators, turbines for electricity generation and transformers.

#### 2. Switchgear and control gear

Manufacturing starting and controlling gear for electric motors, and switchgear.

#### 3. Other electrical machinery

Manufacturing electric motors, (including electric traction motors and transmission equipment and associated rectifiers), and electrical machinery not elsewhere specified. Electrical equipment for motor vehicles, cycles and aircraft is classified in Heading 369.

#### 362 Insulated Wires and Cables

#### 363 Telegraph and Telephone Apparatus and Equipment

Manufacturing telegraph and telephone apparatus, switchboards, teleprinters, telewriters, etc. Electronic telecommunications equipment is included.

#### 364 Radio and Electronic Components

#### 1. Valves and other active components

Manufacturing electronic valves (including cathode ray tubes), semiconductors and electronic rectifiers. Glass envelopes are classified in Heading 463.

#### 2. Integrated circuits

Manufacturing thin and thick film passive and hybrid circuits, monolithic semi-conductor circuits. Printed circuits are classified in Sub-division 3 of this Heading.

#### 3. Other radio and electronic components

Manufacturing resistors, capacitors, inductors, circuit breakers for electronic equipment, sound reproduction components, printed circuits and other components and assemblies not elsewhere specified. The manufacture of electronic components for equipment classified in Heading 365, Subdivision 2 is included. The manufacture of tape decks (other than those for use with computers and related equipment, which is classified in Heading 366) is included.

#### 365 Broadcast Receiving and Sound Reproducing Equipment

#### 1. Gramophone records and tape recordings

Manufacturing gramophone records and pre-recorded tape including video tape.

#### 2. Other broadcast receiving and sound reproducing equipment

Manufacturing radio and television receivers, radiograms and gramophones, tape recorders (including video tape recorders), dictating machines, etc. Manufacturing audio equipment, A.F. (audio frequency) amplifiers, and public address systems. Cabinets for radio receivers, etc. are excluded. Electronic components are classified in Heading 364.

#### 366 Electronic Computers

Manufacturing digital, analogue and hybrid electronic computers and related equipment, including peripheral equipment for computing systems and data transmission equipment. Telecommunication links classified in Heading 363 are excluded. Computers and peripheral equipment not separable from industrial control systems are classified in Heading 354.

Minimum List Heading

### 367 Radio, Radar and Electronic Capital Goods

#### 1. Alarms and signalling equipment

Manufacturing electric or electronic sound or visual signalling systems or apparatus, for example, bells, sirens, indicator panels, burglar and fire alarms. Road traffic signalling equipment is included, but signalling equipment of vehicles is classified in Heading 369. Electronic railway signalling equipment is included, but electric railway signalling equipment is classified in Heading 384.

#### 2. Other radio, radar and electronic capital goods

Manufacturing radio and television transmitters, radio communication receivers, radar and electronic navigational aids, high-frequency heating apparatus, magnetic compasses and gyroscopes, X-ray apparatus and electromedical equipment (which includes infra-red, ultra-violet, radiant heat etc., lamps for diagnosis and therapy; electrical and electronic equipment for stimulation and massage; heart, kidney and lung machines; sterilising equipment and reading aids). Industrial electronic control equipment and electronic measuring equipment are classified in Heading 354, electronic computers are classified in Heading 366, and electronic desk calculators in Heading 338.

### 368 Electric Appliances Primarily for Domestic Use

Manufacturing electric vacuum cleaners, washing machines, refrigerators (including non-electric refrigerators), deep freeze units, food mixers, hair clippers and dry shavers, cookers, radiators, toasters, irons and other domestic type electric appliances. The manufacture of refrigerating machinery and commercial refrigerating equipment is classified in Heading 339.

#### 369 Other Electrical Goods

### 1. Electrical equipment for motor vehicles, cycles and aircraft

Manufacturing lighting, starting and ignition sets, dynamos, dashboard instruments for road vehicles and wheeled tractors, electric horns, traffic indicators and similar electrical equipment for motor vehicles, wheeled tractors, cycles and aircraft. Accumulators are classified to Sub-division 3, primary batteries to Sub-division 2, and filament lamps to Sub-division 4 of this Heading.

- 2. Primary batteries
- 3. Secondary batteries (accumulators)

#### 4. Electric lamps

Manufacturing electric lamp bulbs of all types, including filament lamps, fluorescent tubes, gas discharge lamps, and neon, etc. tubes for advertising, and parts except glass envelopes, which are classified in Heading 463.

### 5. Electric light fittings, wiring accessories, etc.

Manufacturing electrical wiring accessories, such as lampholders, ceiling roses, plugs and sockets, switches, etc. and electric lighting fittings not elsewhere specified (glassware for lighting fittings is classified in Heading 463 and metal fittings by general metal-working establishments in Heading 399), searchlights, flashlight cases and all other types of electrical goods; time switches are included but electric clocks and time recorders are classified in Heading 352.

#### ORDER X-SHIPBUILDING AND MARINE ENGINEERING

#### 370 Shipbuilding and Marine Engineering

#### 1. Shipbuilding and ship repairing

Building or repairing ships (naval and merchant), boats, barges, lighters, etc. of all types and sizes, whether self-propelled or not; making oars, masts and spars, rigging and other tackle and ships' models. Off-shore oil and gas drilling rigs (floating) are included.

Heading

Minimum

#### 370 Shipbuilding and Marine Engineering—(continued)

#### 2. Marine engineering

Manufacturing and repairing main and auxiliary steam (reciprocating and turbine) engines for ships, and marine boilers. The manufacture and repair of internal combustion engines for ships and boats (including outboard motors) is included if carried out in marine engineering establishments; for this purpose a marine engineering establishment is defined as one making or repairing marine internal combustion engines exclusively, or marine and other types of internal combustion engines in association with other activities classified in this Order. The manufacture or repair of internal combustion engines for marine purposes in establishments also manufacturing or repairing internal combustion engines for other purposes is excluded, even though at any particular time the engines for marine purposes constitute the major activity of the establishment.

The manufacture of ships' capstans and winches is classified in Heading 337.

#### ORDER XI—VEHICLES

#### 380 Wheeled Tractor Manufacturing

Manufacturing and assembling three and four wheeled and half tracked tractors. Manufacturing parts and accessories (other than rough or semi-finished castings and forgings) when made wholly or primarily of metal and not specified elsewhere. Industrial tractors are classified in Heading 337, road tractors solely for tractor-trailer combinations in Heading 381, and electrical accessories and other electrical equipment in Heading 369.

#### 381 Motor Vehicle Manufacturing

Manufacturing and assembling passenger cars, commercial goods vehicles, road tractors solely for tractor-trailer combinations, buses, battery-electric vehicles, motor drawn trailers and caravans. Three wheeled vehicles are included. Manufacturing engines, bodies, chassis, chassis frames, seats and seat safety belts for motor vehicles, cabs for commercial vehicles, motor body shells. Manufacturing all other parts and accessories (other than rough or semi-finished castings and forgings) when made wholly or primarily of metal and not specified elsewhere. Establishments specialising in reconditioning of engines and gear boxes are included. Powered invalid carriages and industrial trucks are classified in Headings 382 and 337 respectively. Passenger seating for public service vehicles is classified in Heading 472, and electrical accessories and other electrical equipment are classified in Heading 369. Parts and accessories made wholly or primarily of asbestos, glass, rubber or plastics are classified in Headings 429, 463, 491 or 496 respectively.

### 382 Motor Cycle, Tricycle and Pedal Cycle Manufacturing

Manufacturing and assembling motor cycles, scooters, mopeds, powered invalid carriages, tricycles, bicycles and sidecars. Manufacturing parts and accessories (other than rough or semi-finished castings and forgings) when made wholly or primarily of metal and not specified elsewhere. Children's scooters, tricycles and bicycles are classified in Heading 494. Electrical accessories and other electrical equipment are classified in Heading 369.

### 383 Aerospace Equipment Manufacturing and Repairing

#### 1. Aircraft and airframe manufacturing and repairing

Manufacturing, assembling, modifying and repairing airframes, complete aircraft, gliders, guided weapons, spacecraft, launch vehicles, sub-orbital vehicles and associated ground equipment, excluding electronic or telemetric equipment which are classified in Heading 367.

Minimum List Heading

### 383 Aerospace Equipment—(continued)

#### 2. Aero-engine manufacturing and repairing

Manufacturing and repairing aero-engines and power plant for aircraft, and rocket motors for guided weapons and spacecraft. Parts and accessories are included.

#### 3. Air cushion vehicles (hovercraft)

Manufacturing and repairing air cushion vehicles (hovercraft).

#### 4. Parts and accessories

Manufacturing and repairing parts and accessories for aircraft, gliders, guided weapons, spacecraft, launch vehicles, sub-orbital vehicles and associated ground equipment, and air cushion vehicles. Aeronautical instruments (other than electronic) are classified in Heading 351: radio, radar and other electronic equipment in Heading 364; and electrical accessories and equipment in Heading 369. Parts and accessories made wholly or primarily of asbestos, glass, rubber or plastics are classified in Headings 429, 463, 491 or 496 repectively.

#### 384 Locomotives and Railway Track Equipment

#### 1. Railway workshops

#### 2. Private manufacturers

Manufacturing and repairing locomotives of all types, railway signals, turntables and automatic couplings. Passenger coaches embodying a motive unit are classified in Heading 385. Light repairs carried out in railway running sheds are classified in Heading 701.

#### 385 Railway Carriages and Wagons and Trams

#### 1. Railway-owned works

#### 2. Other manufacturers

Manufacturing and repairing railway coaches (including those embodying motive units), wagons, trucks, brake vans, axle boxes, etc., tramcars and colliery and other trams and tubs, etc.

#### ORDER XII—METAL GOODS NOT ELSEWHERE SPECIFIED

#### 390 Engineers' Small Tools and Gauges

Manufacturing engineers' small tools, tool holders and work holders of the types used with metal-working machine tools, and engineers' gauges.

#### 391 Hand Tools and Implements

Manufacturing chisels, hammers, saws, axes, shears (including sheep shears), scythes, spades, agricultural forks, hoes, rakes, spanners, wrenches, vices and other hand tools and tool accessories. Power tools are classified in Heading 339 and engineers' small tools in Heading 390.

#### 392 Cutlery, Spoons, Forks and Plated Tableware, etc.

Manufacturing spoons and forks, table knives, pocket and sheath knives, pruning knives, razors (not electric), razor blades, scissors, manicure sets, etc. Tableware of precious metals or plated with precious metals (e.g. silver plated on nickel silver), and electroplated and stainless steel tableware are included. Surgical cutlery is classified in Heading 353.

#### 393 Bolts, Nuts, Screws, Rivets, etc.

Manufacturing bolts, nuts, screws, metal washers, rivets, split pins, cut nails, zinc nails, etc. Wire nails are classified in Heading 394.

#### Minimum List Heading

#### 394 Wire and Wire Manufactures

Manufacturing ferrous and non-ferrous wire and wire products such as wire nails, wire netting, wire gauze, etc. Fabricated steel reinforcement for concrete is included. Insulated electrical wire and wire mattresses are classified in Headings 362 and 399 respectively.

#### 395 Cans and Metal Boxes

Manufacturing tin and aluminium cans, metal boxes and other small metal containers and parts. Cash and deed boxes are classified in Heading 399.

#### 396 Jewellery and Precious Metals

Smelting, refining, etc. gold, silver and platinum, etc.; cutting and polishing precious stones; and manufacturing ornaments of gold, silver, pewter, or plated with gold, silver, etc.; jewellery, coins and medals. The Royal Mint is included.

#### 399 Metal Industries not elsewhere specified

#### 1. Metal furniture

Manufacturing metal bedsteads, chairs, tables, filing cabinets, lockers, y shelves, fenders, fire irons and spring and wire mattresses.

#### 2. Metal windows and door frames

Manufacturing metal casements and window frames, door frames and skylights, curtain walling, etc.

#### 3. Safes, locks, latches and keys

Manufacturing safes and strong rooms, cash and deed boxes and all types of locks and keys, except time locks which are classified in Heading 352, and locks for vehicles which are classified in Headings 380, 381, or 382 as appropriate.

#### 4. Springs

Manufacturing spiral and flat (including laminated) springs for all purposes, except vehicle suspension springs and vehicle engine valve springs which are classified in Headings 380, 381 or 382 as appropriate.

#### 5. Drop forgings, etc.

Manufacturing forgings by drop forging, drop stamping or hot pressing. Heavy forgings are classified in Heading 311.

#### 6. Domestic hollow-ware

Manufacturing kettles, saucepans, teapots, buckets and similar domestic articles of base metal. Hollow-ware fitted with an electric element for heating is classified in Heading 368. Domestic tableware of stainless steel and electroplated is classified in Heading 392.

#### 7. Vats, tanks, cisterns and other industrial hollow-ware

Manufacturing metal kegs, drums, barrels, tanks, vats, cisterns (other than cast iron cisterns) etc. Hollow-ware fitted with an electric element for heating is classified in Heading 368. Cans of tin or aluminium are classified in Heading 395.

#### 8. Needles, pins, fish-hooks and other metal small-wares

Manufacturing metal sewing, knitting, hosiery and gramophone needles, toilet, safety, hair and hat pins, crochet hooks and fish-hooks, and metal small-wares of all kinds for the clothing, fancy leather goods, harness and saddlery etc. trades, such as bag clasps and frames, buckles, hooks and eyes, snap fasteners, zip fasteners, domestic chain, etc.

### 399 Metal Industries not elsewhere specified—(continued)

9. Domestic gas appliances

Manufacturing gas appliances for cooking, heating, washing, etc. other than of cast iron. Gas central heating systems are classified in Heading 339 and gas-operated refrigerators in Heading 368. Gas meters are classified in Heading 354.

10. Metallic closures

Manufacturing metal closures for bottles, jars and similar containers including crown corks and heavy grade closures for drums, etc. but excluding metal parts and components of cans and metal boxes and of containers of other materials, which are classified in Heading 395.

Grinding, polishing, enamelling, gilding, plating, lacquering, galvanising and other metal finishing processes.

12. Miscellaneous metal goods

Making anchors, grapnels and drags, chains (including non-precision chains for vehicles) and accessories such as shackles, couplings and crane

Manufacturing hand-trucks and wheelbarrows, primarily of metal; parts such as wheels and axles are included.

Cold pressing, stamping, piercing base metals in the production of metal goods not elsewhere specified for the motor vehicle, mechanical and electrical engineering, furniture, construction, etc. trades such as bumpers, fuel tanks, motor body fittings, brackets, gates, ladders, door handles, stair rods, etc. General sheet metal working in base metals and welding is included but the production of engineers' non-ferrous stampings and pressings is classified in Headings 321, 322 or 323.

#### ORDER XIII—TEXTILES

#### 411 Production of Man-made Fibres

Manufacturing staple fibre and continuous filament yarn by extrusion. The preparation of continuous filament yarn for weaving or knitting (doubling, twisting, winding etc.) is included when carried out at the same establishment.

### 412 Spinning and Doubling on the Cotton and Flax Systems

Spinning, doubling or otherwise preparing yarn of cotton, flax, soft hemp, silk, and of man-made fibres (including glass fibre) on the cotton or flax systems.

### 413 Weaving of Cotton, Linen and Man-made Fibres

Weaving fabrics, other than narrow fabrics, from yarns of cotton, silk and linen, and from man-made fibres (including glass fibre) by firms in the cotton and linen industries. Establishments both weaving and finishing cloth are included as well as such establishments also producing made-up household textiles.

#### 414 Woollen and Worsted

1. Wool sorting, cleaning etc., and combing and topmaking

Sorting, cleaning, blending, etc., and combing virgin wool and fine animal hair and making tops (including tops of man-made fibre) and carded sliver, converting tow to tops without combing. The processing of laps and noils and other soft waste is included.

2. Worsted spinning

Spinning of yarns on the worsted system.

#### Order XIII—(continued)

Minimum Heading

### 414 Woollen and Worsted—(continued)

#### 3. Worsted weaving

Weaving fabrics, other than narrow fabrics, of yarns spun on the worsted system.

#### 4. Wool recovery

Manufacturing mungo and shoddy from woollen and worsted fabric waste and the processing of hard waste for use in woollen spinning.

#### 5. Woollen spinning and weaving

Spinning of yarn on the woollen system and weaving fabric, other than narrow fabrics, of such yarns. Making-up blankets, travelling rugs, etc., of such yarns is included.

#### 6. Pressed felt

Manufacturing pressed felt of wool or hair. The manufacture of woven felt is included in Sub-divisions 3 and 5 of this Heading. The manufacture of needleloom felt is classified in Heading 429.

#### 415 Jute

Sorting of jute, spinning yarn and weaving fabrics, other than narrow fabrics, of jute and man-made fibres in the jute industry.

#### 416 Rope, Twine and Net

Manufacturing rope, twine, string, cord, etc., fishing nets, garden and horticultural nets, sports nets, hammocks, etc., of natural or man-made fibres.

#### 417 Hosiery and Other Knitted Goods

Knitting fabrics on warp looms; knitting stockings, socks, garments and other goods including weft knitted fabrics. The making-up of household textiles and of clothes cut from knitted fabric is included when carried out in knitting establishments. Making-up clothes cut from purchased knitted fabric is classified in Order XV.

#### 418 Lace

Manufacturing lace, lace furnishings (curtains, etc.), lace net and veilings, and lace embroidery (all-over, trimmings and edgings, flouncings, etc.) in the piece and finishing lace (drawing, ending, scalloping, clipping, mending, etc.). The embroidering of woven household textiles and handkerchiefs is classified in Heading 422, the embroidering of clothing in Order XV and the bleaching, dyeing and dressing of lace on commission in Heading 423.

#### 419 Carpets

Manufacturing pile carpets, carpeting, rugs, mats and matting from wool, cotton and man-made fibres, whether by weaving, tufting or other processes. Needleloom carpets are classified in Heading 429.

#### 421 Narrow Fabrics (not more than 30 cm. wide)

#### 1. Elastics

Manufacturing woven, knitted or braided elastics or elastomerics. Elastics and elastomerics over 30 cm. wide are classified in Heading 413 if woven and Heading 417 if knitted or netted.

#### 2. Woven machinery belting

Weaving machinery belting of all materials on narrow looms.

Manufacturing ribbon, braid, tape, webbing, binding, braided bootlaces etc., other than elastic.

#### Order XIII—(continued)

Minimum List Heading

#### 422 Made-up Textiles

#### 1. Household textiles and handkerchiefs

Cutting, stitching, hemming, embroidering, etc. quilts, counterpanes, sheets, pillowslips, towels, tablecloths, duchess sets, cleaning and polishing cloths etc., and handkerchiefs and nursery squares. Tufting of fabrics for household textiles, including blankets, and making-up of such fabrics. The making-up of soft furnishings is classified in Heading 473. Weaving and knitting establishments producing made-up household textiles are classified in Headings 413 or 414, and Heading 417, respectively.

#### 2. Canvas goods and sacks and other made-up textiles

Manufacturing sacks and bags, tents, awnings, tarpaulins, sails, made-up filter cloths, etc.

#### 423 Textile Finishing

Bleaching, dyeing, printing and finishing of yarns and fabrics (whether woven or knitted). Foam backing of textile materials, and the bonding of fabric to fabric. The finishing of lace is included with the manufacture of lace, but bleaching, dyeing, and dressing lace on commission is classified in this Heading. The scouring, carbonising and dyeing of wool and hair and wool and hair tops in association with sorting, blending and combing is classified in Heading 414. The finishing of fabric when carried out at weaving establishments is classified in Heading 413.

#### 429 Other Textile Industries

#### 1. Asbestos

Carding, spinning, weaving, felting and moulding of asbestos fibre and manufacturing engine and boiler packing, brake and clutch linings, etc. The manufacture of asbestos cement goods is classified in Heading 469.

#### 2. Other

Spinning and weaving coconut fibre, horsehair, ramie, etc.; making coir mats; manufacturing needleloom felt, needleloom carpet, etc.; tufting of fabrics not elsewhere specified. Manufacturing non-woven (bonded fibre) fabrics

#### ORDER XIV-LEATHER, LEATHER GOODS AND FUR

#### 431 Leather (Tanning and Dressing) and Fellmongery

#### 1. Leather

Curing, degreasing, tanning, dyeing, etc. all types of hides and skins; making leather machinery belting and leather laces.

#### 2. Fellmongery

Removing the wool from sheepskins and lambskins and making sheepskin mats and rugs.

#### 432 Leather Goods

Manufacturing trunks, suitcases, handbags, pocket books, belts, straps, harness, saddlery and other goods (except clothing) of leather or leather substitutes (including plastics and fibreglass).

#### 433 Fur

Sorting, dressing and dyeing furs and manufacturing fur apparel, fur muffs, fur trimmings, fur mats and rugs and hatters' fur.

#### ORDER XV-CLOTHING AND FOOTWEAR

#### Minimum List Heading

Note: This Order includes the making-up of clothes cut from purchased knitted fabric, but not the manufacture of knitted goods by establishments classified in Heading 417 (Hosiery and Other Knitted Goods). Retail bespoke tailoring and dressmaking and workrooms attached to retail shops are excluded and classified in Order XXIII.

#### 441 Weatherproof Outerwear

Making raincoats, oilskins, rubber outerwear and other waterproof outerwear, including outerwear cut from plastic materials, for adults and children of both sexes.

#### 442 Men's and Boy's Tailored Outerwear

Making men's and boys' overcoats, suits, jackets, trousers, kilts, uniforms, liveries, etc., whether ready-made or to measure. Clerical (cassocks, surplices, etc.), academic, legal, etc. clothing made by men's tailors is included. Jeans and similar garments are classified in Heading 444.

#### 443 Women's and Girls' Tailored Outerwear

Making coats, costumes, skirts, slacks and other tailored garments for omen and girls.

### 444 Overalls and Men's Shirts, Underwear, etc.

#### 1. Heavy overalls and jeans

Making men's and women's industrial overalls, dungarees, jeans and similar garments, chefs' clothing, etc.

#### 2. Men's and boys' shirts, underwear and nightwear

Making men's and boys' shirts, collars, pyjamas, dressing gowns, underclothing, athletic clothing, etc.

#### 445 Dresses, Lingerie, Infants' Wear, etc.

#### 1. Light outerwear

Making women's and girls' dresses, blouses, dressing gowns, domestic aprons and overalls and other untailored outer garments. Women's industrial overalls are classified in Heading 444.

#### 2. Lingerie

Making women's and girls' underclothing, nightdresses, pyjamas, etc.

#### 3. Infants' wear

Making clothes designed for infants. Nursery squares are classified in Heading 422.

#### 446 Hats, Caps and Millinery

#### 1. Felt hats

Manufacturing wool felt and fur felt hats, hoods and capelines.

#### 2. Other

Manufacturing all other sorts of headgear (except fur hats) for adults and children and made-up linings, etc. for headgear.

#### 449 Dress Industries not elsewhere specified

#### 1. Corsets and swimwear

Manufacturing corsets, suspender belts, brassieres, etc., women's and girls' swimsuits and men's and boys' swimtrunks.

#### 2. Glove

Manufacturing all types of cloth, leather or fur gloves and mittens, except sports gloves. Knitted gloves and rubber gloves are classified in Headings 417 and 491 respectively.

#### Minimum List

Heading Heading

### 449 Dress Industries not elsewhere specified—(continued)

#### 3. Umbrellas and walking sticks

Making and covering umbrellas and parasols and manufacturing walking sticks.

#### 4. Other

Making neckties, scarves, etc. (including making-up from purchased knitted material), belts and braces (not leather), garters, suspenders, cloth leggings and gaiters, wigs, theatrical costumes, artificial flowers, feather ornaments, etc.

#### 450 Footwear

Manufacturing footwear of all types and materials. The cutting of leather soles and heels is included but not wooden soles, heels or lasts, which are classified in Heading 479, or plastics components which are classified in Heading 496.

#### ORDER XVI-BRICKS, POTTERY, GLASS, CEMENT, ETC.

#### 461 Bricks, Fireclay and Refractory Goods

#### 1. Refractory goods

Manufacturing heat-resisting products such as ganister, magnesite and silica bricks, fireclay and graphite crucibles, gas retort and kiln linings, steel moulders' composition and radiants for gas and electric fires.

#### 2. Non-refractory goods

Manufacturing building bricks, clay flooring and roofing tiles, chimney pots, stoneware pipes and conduits, fireclay sanitary ware and other similar clay products. Glazed earthenware tiles are classified in Heading 462.

#### 462 Pottery

#### 1. Electrical ware

Manufacturing parts of electrical plant, apparatus and equipment from pottery clay and similar material.

#### 2. Glazed earthenware tiles and sanitary earthenware

#### 3. Other china and earthenware

Manufacturing domestic pottery (plates, cups, saucers, etc.), earthenware jars, china ornaments, etc. Decorating and repairing china and earthenware are also included.

#### 463 Glass

#### 1. Glass (other than containers)

Manufacturing all types of flat glass, safety glass, glass bricks, glass rods, glass tubing, domestic glassware, mirrors, leaded lights, lamp glasses and glass envelopes for lamp bulbs, scientific and medical glassware, and all other glass products except those classified in Sub-division 2 of this Heading. Glass cutting, decorating, engraving, polishing, staining, etc. The cutting of glass to size in the course of distribution is classified in Heading 831. The manufacture of optical glass is included but the grinding of lenses is classified in Heading 353 or 354.

Manufacturing glass fibre roving, mat, chopped strand and roving, and thermal insulating materials, but excluding manufactures of glass fibre. Glass fibre yarn, tape and cloth are classified in Headings 412, 421 and 413 respectively. Resin bonded fibreglass sheets and mouldings are classified in Heading 496, but complete fibreglass boats are classified in Heading 370.

#### Minimum List Heading

#### 463 Glass—(continued)

#### 2. Glass containers

Manufacturing glass bottles, bottle stoppers, jars, syphons and vacuum flasks.

#### 464 Cement

Manufacturing calcareous (Portland) and aluminous cements. Gypseous cements are classified in Heading 469.

#### 469 Abrasives and Building Materials, etc. not elsewhere specified

#### 1. Abrasives

Shaping natural abrasives into grindstones, etc., grinding natural and synthetic abrasives; coating cloth and paper with abrasives and making abrasive bonded wheels, discs, etc. Metallic abrasives are classified in Heading 399.

#### 2. Building materials, etc. not elsewhere specified

Manufacturing asbestos cement and concrete products, ready-mixed concrete, plaster and plaster products, lime and chalk products, roofing and damp-proof course felts, slate products; the working of stone, and mineral manufactures not elsewhere specified.

#### ORDER XVII—TIMBER, FURNITURE, ETC.

#### 471 Timber

#### 1. Sawmilling, etc.

Establishments engaged in sawing, planing, drying, bending, creosoting, etc. wood, and in producing wood flooring, sawn fencing, wood sleepers, telegraph poles, mining timber, veneers, plywood, chipboard, etc. Felling by sawmillers is included; other felling is classified in Heading 002.

#### 2. Other woodwork for buildings

Manufacturing wooden doors, window frames and other builders' woodwork, wooden poultry houses, greenhouses, summerhouses and other portable wooden buildings. Separate wood-working establishments of building firms are included.

#### 472 Furniture and Upholstery

Manufacturing wooden or upholstered domestic, office, school, church, theatre and cinema furniture, wooden radio and television cabinets, billiard tables, upholstered seats for public service vehicles, basket furniture, etc. Upholstered seats for cars and commercial vehicles are classified in Heading 381, aircraft passenger seats in Heading 383, metal furniture in Heading 399, and rustic furniture in Heading 479.

#### 473 Bedding, etc.

Making-up curtains, blinds (other than shop blinds), and loose covers, and manufacturing cushions, feather beds and pillows, mattresses (not wire mattresses), divan beds and similar goods. Covered rubber or plastics foam mattresses, pillows and cushions are included. Shop blinds are classified in Heading 474, wire mattresses in Heading 399, and quilts in Heading 422.

#### 474 Shop and Office Fitting

Manufacturing office, shop, bank, bar and hotel fittings, show cases, display and exhibition stands, shop fronts, shop blinds, wood shutters, etc. Installation of these fittings is included. Signwriting and lettering is also included in this Heading.

#### 1. Cooperage and baskets

Manufacturing wooden barrels, casks, kegs, vats, buckets, etc., and such parts as staves, cask heads and bungs. Preparing canes and osiers and manufacturing baskets, hampers, punnets, skips, trugs, etc.

#### 2. Boxes, crates, etc.

Manufacturing wooden boxes, packing cases, crates, cigar boxes, tea chests and other similar containers.

#### 479 Miscellaneous Wood and Cork Manufactures

#### 1. Cork manufactures

Manufacturing cork mats, stoppers, insulating material, life-belts, buoys, etc.

#### 2. Wooden heels, lasts, etc.

Manufacturing wooden heels, wooden lasts, boot trees, etc.

#### 3. Other wood manufactures

Manufacturing and repairing horse-drawn carts, carriages and wagons, and hand trucks and wheelbarrows, primarily of wood. Parts such as wheels and axles are included.

Manufacturing other wooden goods, such as tool handles, picture frames, ladders, domestic woodware, rustic furniture, coffins, etc. General carpenters and joiners (not mainly engaged on building site) are included.

### ORDER XVIII—PAPER, PRINTING AND PUBLISHING

#### 481 Paper and Board

Manufacturing all types of paper and board including newsprint, printing and writing paper, wrapping paper, cigarette paper, cardboard and building board; and paper coating. Paper sensitizing is excluded and classified in Heading 279.

#### 482 Packaging Products of Paper, Board and Associated Materials

#### 1. Cardboard boxes, cartons and fibre-board packing cases

Manufacturing all types (whether printed or not) of rigid or folding cardboard and paper boxes, canisters and other containers except fibre card and sliver cans which are classified in Heading 335 and paper bags, etc., classified in Sub-division 2 of this Heading.

### 2. Packaging products of paper and associated materials

Manufacturing paper bags, including printed bags, multi-wall paper sacks, etc.

#### 483 Manufactured Stationery

Manufacturing writing pads, envelopes, manuscript books, account books, office and school stationery, cardboard files, index cards and tabulating machine cards.

#### 484 Manufactures of Paper and Board not elsewhere specified

#### 1. Wallpaper

Establishments printing wallpaper (including coated wallpaper).

#### 2. Other

All other establishments manufacturing paper, cardboard or papier maché goods.

#### Order XVIII—(continued)

#### Minimum List Heading

#### 485 Printing, Publishing of Newspapers

Printers and publishers (including publishers who do not do their own printing) of national daily and Sunday newspapers, and local newspapers published at not more than weekly intervals.

#### 486 Printing, Publishing of Periodicals

Printers and publishers (including publishers who do not do their own printing) of magazines; journals of opinion; trade, technical, professional, religious and specialised publications; issued regularly at intervals exceeding 24 hours.

#### 489 Other Printing, Publishing, Bookbinding, Engraving, etc.

Printers and publishers of books (including publishers of books who do not do their own printing), maps, music, religious tracts, almanacs, etc.; general printers; printers of banknotes, postage stamps, tickets, Christmas cards, playing cards, etc.; and allied industries such as letterpress bookbinding and book repairing, die sinking and relief stamping, etching and engraving printing plates and rollers, printing on metal, etc. This Heading includes Her Majesty's Stationery Office and other government printing establishments.

#### ORDER XIX—OTHER MANUFACTURING INDUSTRIES

#### 491 Rubber

#### 1. Tyres and tubes

Manufacturing and re-treading solid and pneumatic tyres of all types and inner tubes.

#### 2. Other rubber goods

Manufacturing rubber sheeting, soles and heels, sponge rubber, rubber tubing and hose, cellular rubber, rubber gloves, bathing caps, underwater equipment, inflatable goods, toys, uncovered balls, matting, flooring and tiling, components and accessories not elsewhere specified. Plastics belting and plastics hose are included. Synthetic rubber products are included, but the manufacture of synthetic rubber is classified in Heading 276. Rubber footwear and moulded parts of footwear are classified in Heading 450, weather-proof outerwear in Heading 441, covered rubber mattresses and pillows in Heading 473, rubber adhesives in Heading 279, and covered rubber thread in Heading 421.

#### 492 Linoleum, Plastics Floor-covering, Leathercloth, etc.

Manufacturing linoleum, vinyl and other plastics floor-coverings, felt-base, oilcloth, leatherette, leathercloth coated with PVC, nitro-cellulose or other plastics, and unsupported decorative PVC sheet.

#### 493 Brushes and Brooms

Manufacturing brushes and brooms of all materials, painters' and decorators' brushes and painting rollers, toilet, household, artists' and industrial brushes, household and industrial mops, dressed bristles, hair and fibres.

#### 494 Toys, Games, Children's Carriages and Sports Equipment

#### 1. Toys and games

Manufacturing children's toys of all kinds (except rubber toys), children's bicycles, scooters and tricycles, indoor games, including chess and draughts sets and jigsaw puzzles, and conjuring apparatus. Playing cards are classified in Heading 489.

#### Order XIX—(continued)

Minimum List Heading

### 494 Toys, Games, Children's Carriages and Sports Equipment—(continued)

#### 2. Children's carriages

Manufacturing perambulators, push chairs, folding baby carriages, invalid carriages, etc.: parts such as wheels and axles are included. Powered invalid carriages are classified in Heading 382.

#### 3. Sports equipment

Manufacturing sports and gymnastic equipment and requisites. Sports nets are classified in Heading 416 and billiard tables and bagatelle boards in Heading 472.

#### 495 Miscellaneous Stationers' Goods

#### 1. Pens and pencils of all kinds

Manufacturing and assembling of fountain pens and nibs, ballpoint pens and refills, felt and fibre tipped pens, pencils, chalks, crayons and pastels.

#### 2. Other stationers' goods

Manufacturing rubber and date stamps and accessories, office machinery requisites, staplers, pencil sharpeners, writing and duplicating ink.

#### 496 Plastics Products not elsewhere specified

Manufacturing plastics goods and components, including resin bonded fibreglass goods, not elsewhere specified. Plastics building materials, rainwater goods etc. are included. Plastics packaging is included, but bags of transparent regenerated cellulose film are classified in Heading 482. Covered mattresses of plastics foam are classified in Heading 473, plastics hose and belting in Heading 491, plastics floor coverings in Heading 492, plastics brushes in Heading 493, plastics toys, games and sports requisites in Heading 494, plastics buttons in Heading 499, and plastics products used as leather substitutes in Heading 432. Fibreglass boats are classified in Heading 370.

#### 499 Miscellaneous Manufacturing Industries

#### 1. Musical instruments

Manufacturing pianos, organs and parts, and all types of wind, string and percussion instruments, including electronic musical instruments. Repairing, rebuilding and tuning of organs is included. Automatic and player pianos are included but gramophones and gramophone records are classified in Heading 365.

#### 2. Other

All other manufacturing industries not elsewhere specified.

#### ORDER XX—CONSTRUCTION

#### 500 Construction

Erecting and repairing buildings of all types. Constructing and repairing roads and bridges; erecting steel and reinforced concrete structures; other civil engineering work such as laying sewers, gas or water mains, and electricity cables, erecting overhead lines and line supports and aerial masts, extracting coal from opencast workings, etc. The building and civil engineering establishments of government departments, local authorities and New Town Corporations and Commissions are included. On-site industrialised building is also included.

Establishments specialising in demolition work or in sections of construction work such as asphalting, electrical wiring, flooring, glazing, installing heating and ventilating apparatus, painting, plastering, plumbing, roofing. The hiring of contractors' plant and scaffolding is included.

### ORDER XXI-GAS, ELECTRICITY AND WATER

Note: This Order includes construction work carried out by employees of gas, electricity and water undertakings.

#### Minimum

Heading

### 601 Gas

The production and distribution of gas. Showrooms are included.

### 602 Electricity

The production and distribution of electricity. Establishments producing electricity for railway, tramway and trolleybus operation and for groups of factories are included. 'District heating' and electricity showrooms are also included.

#### 603 Water Supply

- 1. Public authorities
- 2. Companies

Purifying and distributing water, and the supply of hydraulic power.

#### ORDER XXII—TRANSPORT AND COMMUNICATION

Note: Separate establishments engaged in the repair of vehicles or aircraft are excluded from this Order, but ordinary maintenance and running repairs are included.

#### 701 Railways

Railways including both the underground and surface railways operated by the London Transport Board. Ancillary undertakings, such as locomotive, carriage and wagon workshops, catering services, air, omnibus or steamer services, docks and canals, are classified in their appropriate headings.

#### 702 Road Passenger Transport

#### 1. Omnibus and tramway service

The operation of omnibus, motor coach, trolleybus and tramway services.

#### 2. Taxis and private-hire cars

The operation of taxi-cabs and private-hire cars; owner-drivers are included. Car hire is also included.

### 703 Road Haulage Contracting for General Hire or Reward

Cartage and haulage contractors (whether using motor or horse-drawn vehicles) of all types, including furniture removers, mainly operating for general hire or reward. Hire of commercial vehicles is included. Establishments mainly carrying goods in connection with another business operated under common ownership or control are classified in Heading 704.

#### 704 Other Road Haulage

Cartage and haulage undertakings (whether using motor or horse-drawn vehicles) of all types mainly engaged in carrying goods in connection with another business operated under common ownership or control.

#### 705 Sea Transport

### 1. Shipping company (shore establishments)

The shore establishments of companies (including railways) operating sea-going ships for the conveyance of either passengers or cargo. The operation of fishing vessels is classified in Heading 003.

### 2. Shipping company (sea-going personnel)

The crews of sea-going merchant ships, other than fishing vessels.

#### 3. Pilotage

The provision of pilots for sea-going ships.

#### 706 Port and Inland Water Transport

Harbour, dock, canal, lighthouse, lightship, etc. authorities, and establishments conducting marine salvage operations; the loading and unloading of vessels and the operation of tugs, lighters, barges, ferries, etc., in ports and inland waterways. The hiring of pleasure boats, punts, etc., is classified in Heading 882.

#### 707 Air Transport

Air line companies operating on regular schedules or on charter (including establishments of Commonwealth and foreign air lines in the United Kingdom), and aerodromes, including airports, air traffic control centres, and communication centres operated by the Board of Trade. Flying schools and flying and glider clubs are classified in Headings 709 and 882 respectively.

#### 708 Postal Services and Telecommunications

All Post Office establishments, except the factories manufacturing and repairing telephone and telegraph apparatus (classified in Heading 363) and the Post Office Savings Department and Post Office Giro (classified in Heading 861); cable and radio services (excluding broadcasting and radio relay services) and other telephone or telegraph services.

#### 709 Miscellaneous Transport Services and Storage

#### 1. Services incidental to transport

Ship brokers, freight brokers, shipping agents, forwarding agents, travel ticket agents, tourist and excursion agents and similar establishments which facilitate the transport of passengers or goods but are not transport operators; flying schools, motoring schools, car parks, the road patrols and other motoring services of the motorists' organisations; the operation of toll roads and toll bridges.

#### 2. Storage

Warehouses (including bonded warehouses), cold storage, furniture repositories, safe deposits, etc.

#### 3. Other

Providing messenger service or porterage; hiring hand trucks, barrows, tradesmen's cycles, bath-chairs, etc.

#### ORDER XXIII—DISTRIBUTIVE TRADES

#### 810 Wholesale Distribution of Food and Drink

### 1. Grocery and provisions, confectionery, drinks

Wholesale dealers in grocery and provisions, bread and flour confectionery, chocolate and sugar confectionery, alcoholic and other drinks (including bottling of drinks other than milk by wholesalers).

#### 2. Other food

Wholesale dealers in milk and cream, meat, fish, fruit and vegetables and other foods. Wholesale slaughtering of animals for human consumption is included. Milk bottling (without processing) is included, but processing and bottling of milk is classified in Heading 215.

#### 811 Wholesale Distribution of Petroleum Products

Wholesale dealers in petroleum products.

#### Order XXIII—(continued)

Minimum List Heading

### 812 Other Wholesale Distribution

#### 1. Tobacco

Wholesale dealers in tobacco, cigars and cigarettes.

#### 2. Clothing, footwear and textiles

Wholesale dealers in footwear, clothing, piece goods, household textiles, hand knitting yarn, thread, etc. Merchant converters are included.

#### 3. Paper, stationery and books

Wholesale dealers in newsprint and other paper and board, paper products and stationery, books, newspapers and other periodicals.

#### 4. Other non-food goods

Wholesale dealers in other non-food goods including furniture, floor coverings, hardware and ironmongery, china, earthenware and glassware, radio and television, electrical appliances and supplies, chemists' wares, photographic goods, optical and scientific goods, leather goods, cycles, perambulators, toys, sports goods, fancy goods, etc. Dealers handling a variety of goods are classified in Sub-division 5 of this Heading even though the majority of goods they handle would, if dealt with by specialists, be classified in this Sub-division.

#### 5. General wholesale merchants

Wholesale dealers in manufactured goods, other than foodstuffs, whose trade is so mixed that they cannot be classified in any of the preceding Subdivisions of this Heading. Dealers handling a variety of goods which, if dealt with by specialists, would be classified in Sub-division 4 of this Heading are included.

#### 820 Retail Distribution of Food and Drink

#### 1. Grocery and provisions

Retailers of grocery and provisions; shops styling themselves as 'dairies' but actually selling a range of groceries are included. Village general stores and similar shops selling mainly foodstuffs but also some non-food goods such as drapery, hardware, etc.; ice cream and soft drink retailers.

#### 2. Other food

Retailers of milk, meat, fish, fruit and vegetables, bread and flour confectionery, other food; off licences. Small bakehouses (with fewer than 25 employees) attached to retail establishments are also included.

#### 821 Other Retail Distribution

#### 1. Confectionery, tobacco, newspapers

Retailers of chocolate and sugar confectionery, tobacco, cigars and cigarettes, newspapers and periodicals. Railway bookstalls are included.

#### 2. Clothing and footwear

Retailers of new or second-hand clothing, including fur garments; hats and millinery; haberdashery; piece goods and household textiles; footwear. Retail bespoke tailoring and dressmaking are included; so also are dressmaking and tailoring workrooms attached to retail shops, and clothing hire shops. Clothing repair and alterations specialists are classified in Heading 893. Footwear repairs are classified in Heading 895.

#### 3. Household goods

Retailers of new or second-hand furniture (including antiques), floor coverings, pianos and other musical instruments, hardware and ironmongery (including tools), wallpaper, paint and varnish, cutlery, china and glassware, radio and television, electrical appliances and supplies, and other household appliances. The hiring and repair of furniture, radio and television sets, and other domestic appliances are included.

Minimum List Heading

### 821 Other Retail Distribution—(continued)

#### 4. Other non-food goods

Retailers of other non-food goods including new or second-hand books (including circulating libraries), stationery, maps, etc.; chemists' wares; photographic, optical and scientific goods; jewellery; watches and clocks; leather goods; cycles; perambulators; sports goods; toys and games; fancy goods. Florists, nurserymen and garden seedsmen; pet and pet food shops; pawn-brokers. Establishments engaged in repairs to cycles, watches and clocks, toys and other consumer goods are included.

#### 5. General stores, etc.

Department stores, variety stores, mail order houses, credit traders and other retail establishments selling a general range of non-food goods.

## 831 Dealing in Coal, Oil, Builders' Materials, Grain and Agricultural Supplies

#### 1. Coal and oil merchants

Dealers in coal, coke and other solid fuels. Distributors of fuel oil, paraffin and gas oil. Bulk distributors of oil are classified in Heading 811 and petrol filling stations in Heading 894.

#### 2. Builders' merchants

Dealers in sand and gravel, bricks, slates, tiles, cement, glass (plate or sheet), builders' hardware, plumbers' goods, and other builders' materials and components. Do-it-yourself shops and other retailers of these goods are classified in Heading 821.

#### 3. Corn, seed and agricultural merchants

Dealers in grain, seeds, hay, animal feedingstuffs, fertilizers, insecticide sprays, etc. Retail nurserymen and garden seedsmen and pet food shops are classified in Heading 821.

#### 4. Dealing in horses and livestock

Dealers in horses, cattle, sheep, pigs and live poultry.

### 832 Dealing in Other Industrial Materials and Machinery

#### 1. Ores and metals

Dealers in ferrous and non-ferrous ores and metals, other than precious metals and scrap metal.

#### 2. Timber

Dealers in hardwood, softwood, plywood, pitwood, including casks, poles, sleepers, staves, tool handles, etc.

#### 3. Hides, skins and leather

Dealers in hides, skins (including fur skins) and leather.

#### 4. Textile materials and yarns

Dealers in textile materials and yarns. Dealers in piece goods are classified in Heading 812.

#### 5. Industrial machinery

Dealers in contractors' plant, machine tools and other machinery for use in factories and garages, and office machinery.

#### 6. Agricultural machinery

Dealers in and specialist repairers of wheeled tractors, agricultural machinery and implements.

Minimum List Heading

### 832 Dealing in Other Industrial Materials and Machinery—(continued)

#### 7. Scrap and waste materials

Dealers in scrap iron, scrap steel and non-ferrous scrap metals, including breaking, sorting, compressing, etc.; dealers and merchants in textile waste, including the shaking, breaking, and opening of cotton rags; dealers in waste paper, rags, bones, old rope, used bottles, etc. (including marine stores).

#### 8. Other industrial materials

Dealers in other industrial materials including rubber, woodpulp, clay, granite, marble and other stone, edible oils, tallow, greases, industrial chemicals and dyes, paint and varnish (wholesale).

### 9. Dealing in industrial materials generally

Dealers whose trade in industrial materials is so mixed that they cannot be classified in any of the preceding Sub-divisions of this Heading.

#### 10. Leasing industrial and office machinery

## ORDER XXIV—INSURANCE, BANKING, FINANCE AND BUSINESS SERVICES

#### 860 Insurance

Companies and societies transacting all types of insurance, friendly societies, insurance agents and brokers, Lloyd's underwriters, Lloyd's Shipping Registry, salvage organisations (not marine salvage). The Ministry of Social Security is classified in Heading 901.

#### 861 Banking and Bill-discounting

Banks, including the Bankers' Clearing House and Post Office Giro; members of the London Discount Market Association and similar firms which act as principals in the bill markets; Trustee Savings Banks and the Post Office Savings Department (National Savings Certificate and Savings Bank divisions).

#### 862 Other Financial Institutions

Stockbrokers and jobbers, investment companies, unit and investment trusts, building societies, finance corporations, hire purchase and export finance companies, bill brokers (other than discount houses), mortgage brokers, foreign exchange brokers, factoring companies (i.e. companies engaged in buying up book debts), company promoters, moneylenders, etc.

#### 863 Property Owning and Managing, etc.

Land and estate companies, property investment companies and other similar organisations deriving their income from ground rents or from the owning and letting of houses, flats, shops, offices, lock-up garages, etc.; house and estate agents; rent-collecting agents. Housing associations are included, except those which have their own directly employed labour force for construction of dwellings and are classified as builders in Heading 500.

#### 864 Advertising and Market Research

Advertising, market research, marketing and bill posting agencies.

#### 865 Other Business Services

Typewriting, duplicating, document copying, translating, employment agencies (not government), computer services, and other similar business services. Theatre ticket agencies are classified in Heading 881.

### 866 Central Offices not allocable elsewhere

1. Head offices of enterprises operating abroad

United Kingdom offices of enterprises with head offices in this country whose main activities are abroad.

2. Central offices of enterprises with mixed activities

Central offices of enterprises whose activities are so mixed that they cannot be classified in any other Heading.

### ORDER XXV—PROFESSIONAL AND SCIENTIFIC SERVICES

### 871 Accountancy Services

Accountants and auditors, excluding those employed full-time by the Government or local authorities or in other industries.

### 872 Educational Services

Note: School meals service and school canteens provided by the school authorities are included in this Heading.

1. Maintained primary and secondary schools

Primary and secondary schools maintained by local education authorities including nursery schools or special schools for handicapped children.

2. Other primary and secondary schools

Other nursery schools, primary schools, secondary schools and special schools for handicapped children.

3. Establishments for further education (including universities)

Further education establishments, colleges of education and universities.

#### 4. Educational administration

Establishments concerned with educational administration,

5. Educational establishments not elsewhere specified

Other educational establishments excluding schools and colleges operated by the Service Departments for serving members of the Armed Forces, which are classified in Heading 901, and schools and colleges only concerned with a specific recreation (e.g. golf schools), which are classified in Heading 882. Own account teachers are included, but governesses and private tutors are classified in Heading 891.

### 873 Legal Services

Barristers, solicitors, parliamentary agents, etc. Barristers and solicitors employed full-time by the Government or local authorities or in other industries are excluded.

#### 874 Medical and Dental Services

1. Hospital and consultant services

National Health hospital service and privately operated hospitals (including dental hospitals and state institutions), hospital maternity services, sanatoria, nursing homes, mental hospitals and similar institutions with their associated departments and clinics. Consultants both self-employed and employed in hospitals are included but general practitioners employed part-time in hospitals are classified in Sub-divisions 3 and 4 of this Heading. The Public Health Laboratory Service mass radiography and blood transfusion Public Health Laboratory Service, mass radiography and blood transfusion

#### Order XXV—(continued)

Minimum List Heading

#### 874 Medical and Dental Services—(continued)

1. Hospital and consultant services—(continued)

services, artificial limb and appliance centres, medical research institutions, Regional Hospital Boards, Boards of Governors, Hospital Management Committees and Boards of Management are included. Institutions operated by the Service Departments are classified in Heading 901.

2. Local authority health services

Local authority clinics (including part cost clinics and joint user institutions), health centres and day nurseries, doctors and dentists, health visitors, home nurses, school nurses and midwives. Ambulance services including the Scottish Ambulance Service. Mental health social workers and staff of local authority homes and centres for the physically handicapped or the mentally disordered.

#### 3. General medical services

National Health medical service and private general medical practitioners, including Executive Councils, National Health Pricing Bureaux, and Drug Accounts Committee (Scotland).

#### 4. Dental services

National Health dental service and private general dental practitioners, including the Dental Estimates Board.

#### 5. Other medical services

Nursing co-operatives, private nursing services, private midwives, osteopaths, chiropodists, physiotherapists, etc., other than those employed in hospital and local authority health services.

#### 875 Religious Organisations

Religious bodies of all denominations, missionary societies and similar organisations. The Church Commission is included. Schools, hospitals, etc. operated by religious bodies are classified in the appropriate Headings for these activities.

### 876 Research and Development Services

Services such as those rendered by consulting research and development establishments, research institutions (other than departments of universities), government research establishments (other than medical research), atomic energy research establishments, and research establishments sponsored by trade organisations. Research establishments which are attached to businesses classified in other Headings are included.

#### Other Professional and Scientific Services

1. Architects, surveyors, and consulting engineers

Architects, surveyors and consulting engineers in private practice.

#### 2. Other scientific and technical services

Analytical chemists, metallurgists, actuaries, etc., in private practice.

#### 3. Professional and scientific organisations

Institutes, societies, associations, etc., connected with the professions in other Headings and Sub-divisions of this Order, including the bodies (other than those classified in Heading 872) responsible for professional qualifications, and other similar associations.

#### 4. Veterinary surgery

Veterinary surgeons, animal hospitals, etc.

Artists, authors, composers, playwrights, free-lance journalists and other professional services not elsewhere specified.

### ORDER XXVI—MISCELLANEOUS SERVICES

Minimum List Heading

#### 881 Cinemas, Theatres, Radio, etc.

#### 1. Cinemas

Cinemas, film studios and film distributors. The developing and printing, etc. of cinematograph films is included.

#### 2. Other

Theatres, music halls, concert halls, circuses, opera, repertory and variety companies, orchestras and bands (including dance bands), etc., theatrical agencies, and theatre ticket agencies. Broadcast radio and television services (including relay services) are also included. Recording studios are included, but the manufacturing of gramophone records and pre-recorded tapes is classified in Heading 365.

#### 882 Sport and Other Recreations

Horse and dog racing, including training establishments (the breeding of greyhounds is also included); clubs, grounds or courts for golf, football, cricket, tennis, hockey, boxing, rowing, squash rackets and other sports; swimming baths, skating rinks, riding schools and stables, hunting kennels and stables; flying and glider clubs; dance halls, dancing schools; amusement parks, fun fairs; menageries and zoos, etc. The hiring of bathing huts and pleasure boats, punts, etc. is included.

#### 883 Betting and Gambling

Bookmakers, totalisators, football and racing pools; amusement arcades, casinos, bingo halls, etc.

### 884 Hotels and other Residential Establishments

Hotels, motels, holiday camps, guest houses, boarding houses, hostels and similar establishments providing furnished accommodation with food and service for reward but excluding licensed or residential clubs, which are included in Heading 887.

#### 885 Restaurants, Cafes, Snack Bars

All establishments supplying food for consumption on the premises to the general public, to which the supply of alcoholic liquor, if any, is ancillary. Included are restaurants, cafes, snack bars, milk bars, coffee bars, refreshment rooms, tea rooms, tea shops, function rooms as separate establishments, fish and chip shops and ice cream parlours.

#### 886 Public Houses

Establishments wholly or mainly engaged in supplying alcoholic liquor to the general public for consumption on premises, to which the supply of food, if any, is ancillary. Included are public houses, beer houses and other similar establishments licensed for the sale of alcoholic liquor.

#### 887 Clubs

Establishments providing food and drink to members and their guests, including residential clubs. Sports clubs are classified in Heading 882 and gaming clubs in Heading 883.

#### 888 Catering Contractors

School canteens and industrial canteens and other catering establishments operated by catering contractors. Canteens run by industrial establishments for their own employees are classified with the main establishment.

### 889 Hairdressing and Manicure

Men's and women's hairdressers, manicurists and beauty parlours.

#### Order XXVI—(continued)

Minimum List Heading

#### 891 Private Domestic Service

#### 1. Resident

Indoor and outdoor domestic servants (including gardeners and chauffeurs) employed in private households residing on their employers' premises.

#### 2. Non-resident

Indoor and outdoor domestic servants employed in private households but not residing there. Charwomen and jobbing gardeners with more than one employer are included. Office cleaners are excluded and classified according to their employers' business. Local authority home helps are classified in Heading 899.

#### 892 Laundries

Mechanical and hand laundries. Hire of clean towels, overalls etc., is included.

#### 893 Dry Cleaning, Job Dyeing, Carpet Beating, etc.

Dry cleaning, pressing or dyeing clothing, reblocking and renovating hats, invisible mending and other repairs and alterations to clothing, cleaning or dyeing carpets, curtains, etc.

### 894 Motor Repairers, Distributors, Garages and Filling Stations

Repairing all types of motor vehicles; wholesale or retail distribution of motor vehicles (including motor cycles), caravans (trailer and motorised), tyres, parts and accessories and the retail distribution of petroleum products. Lock-up garages are classified in Heading 863 and the wholesale distribution of petroleum products is classified in Heading 811. Dealing in and specialist repairing of agricultural machinery and wheeled tractors are classified in Heading 832.

#### 895 Repair of Boots and Shoes

Repairing boots, shoes, slippers and clogs.

#### 899 Other Services

#### 1. Funeral services

Funeral direction, cemeteries and crematoria.

#### 2. Photography

Commercial and portrait photography; developing, printing, colouring, enlarging, etc. photographs. The production and processing of cinema films and sound track is classified in Heading 881.

#### 3. Welfare and charitable services

Orphanages, homes for handicapped children, disabled or aged persons, and other charitable organisations, Youth Centres, Scouts, Girl Guides, Y.M.C.A., Y.W.C.A., etc.

#### 4. Community service not elsewhere specified

Museums, art galleries (not art dealers), botanical gardens and political organisations.

#### 5. Service of Commonwealth and foreign governments

Establishments in the United Kingdom maintained by Commonwealth and foreign governments and by international organisations such as the United Nations and Specialised Agencies.

#### Order XXVI—(continued)

Minimum List Heading

#### 899 Other Services—(continued)

#### 6. Trade associations

Employers' associations, chambers of commerce and similar business organisations, trade unions.

#### 7. Other

All other services not elsewhere specified, including chimney sweeping, window cleaning, etc.

### ORDER XXVII—PUBLIC ADMINISTRATION AND DEFENCE

#### 901 National Government Service

#### 1. Royal Navy

The Royal Navy, Royal Marines and Women's Royal Naval Service.

#### 2. Army

The Army and Women's Royal Army Corps.

#### 3. Royal Air Force

The Royal Air Force and Women's Royal Air Force.

#### 4. Women's Nursing Services

Queen Alexandra's Royal Naval Nursing Service, Queen Alexandra's Royal Army Nursing Corps and Princess Mary's Royal Air Force Nursing Service.

#### 5. Defence Departments (civilian staffs)

The Ministry of Defence, including the Royal Observatory and Meteorological Office but excluding industrial establishments of Defence Departments such as dockyards, torpedo and explosive factories, aircraft repair establishments, and REME workshops.

#### 6. Other

All other government departments and establishments whose activities are not classified elsewhere, including their regional and local offices. Hospitals and similar establishments, government research establishments, the Board of Trade staff employed at airports and air communication centres, and air traffic control centres are excluded. Government training centres are classified in Heading 872.

#### 906 Local Government Service

#### 1. Police

Police forces, excluding those maintained by the Defence Departments, railways, port authorities and similar bodies.

#### 2 Fire Service

Fire brigades, excluding those maintained by employers primarily for the protection of their own premises.

#### 3. Other

Other local government services (including those of river authorities, drainage boards, etc.), excluding building and civil engineering establishments, trading services, schools and the staffs of educational authorities, hospitals, etc., which are classified under their appropriate Headings in so far as they can be identified separately.

#### **Appendix**

The Classification provides 181 Minimum List Headings grouped into 27 Orders. The first two digits of the Minimum List Heading codes have been designed to facilitate certain groupings of Minimum List Headings within the Orders. For some purposes it may be desirable to obtain statistics for groups of Orders and the following schemes are suggested:

**Divisions**—Eight divisions which can be identified by the first digit of the Minimum List Heading codes.

**Groups**—Fourteen groups which can be identified by the first two digits of the Minimum List Heading codes.

Division	Group	Minimum List Headings	Order	Title
0	00	001-003	I	Agriculture, Forestry, Fishing
1	10	101-109	II	Mining and Quarrying
2-4				Manufacturing
	21-24	211–240	III	Food, Drink and Tobacco
	26–27			Coal, Petroleum and Chemical Products
		261–265	IV	Coal and Petroleum Products
		271–279	V	Chemicals and Allied Industries
	31–32	311–323	VI	Metal Manufacture
	33–39			Engineering and Allied Industries
		331-349	VII	Mechanical Engineering
		351–354	VIII	Instrument Engineering
		361–369	IX	Electrical Engineering
		370	X	Shipbuilding and Marine Eng- ineering
		380–389	XI	Vehicles
		390–399	XII	Metal Goods not elsewhere specified
	41–45			Textiles, Leather and Clothing
		411–429	XIII	Textiles
		431–433	XIV	Leather, Leather Goods and Fur
		441–450	XV	Clothing and Footwear
	46–49			Other Manufacturing
		461–469	XVI	Bricks, Pottery, Glass, Cement, etc.
		471–479	XVII	Timber, Furniture, etc.
		481–489	XVIII	Paper, Printing and Publishing
		491–499	XIX	Other Manufacturing Industries
5	50	500	XX	Construction

Division	Group	Minimum List Headings	Order	Title
6	60	601–603		Gas, Electricity and Water
7	70	701-709		Transport and Communication
8				Distributive Trades and Services not elsewhere specified
	81-83	810-832	XXIII	Distributive Trades
	86–89			Financial, Professional and Miscellaneous Services
		860–866	XXIV	Insurance, Banking, Finance and Business Services
		871–879	XXV	Professional and Scientific Services
		881-899	XXVI	Miscellaneous Services
9	90	901–906	XXVII	Public Administration and Defence