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COUNCIL DIRECTIVE

of 30 July 1964

concerning co-ordinated annual surveys of investment in industry

(64/475/EEC)

THE COUNCIL OF THE EUROPEAN ECONOMIC COMMUNITY,

Having regard to the Treaty establishing the European Economic Community, and in particular Article 213 thereof;

Having regard to the draft submitted by the Commission;

Whereas in order to carry out the tasks entrusted to it under the Treaty the Commission must have at its disposal annual statistics on the trend of investment in the industries of the Community;

Whereas in the industrial survey for 1962 comparable basic data on the essential characteristics of industry were collected for the first time; whereas such a census cannot be carried out frequently; whereas annual statistics concerning certain basic matters cannot however be dispensed with for the intervening years; whereas, in this respect, investment is of such importance that the statistical offices of most Member States have been collecting data of that kind for several years;

Whereas, however, it is indispensable that such annual statistics be put at the disposal of the Commission by all Member States in co-ordinated form, as regards concept and method, so that comparable results for the six Member States may be obtained following a similar breakdown by industrial sector;

HAS ADOPTED THIS DIRECTIVE:

Article 1

The Member States, in technical co-operation with the Commission, shall take all necessary steps to carry out co-ordinated annual surveys on investment in industry and to ensure that the first survey, for the year 1964, is carried out in 1965.

Article 2

For the purposes of this Directive, an industry shall be defined by reference to the 'Nomenclature of Industries in the European Communities' (NICE).¹ In the case of small undertakings the survey may be carried out by random sampling.

Article 3

The figures to be recorded shall be those in respect of annual investment expenditure (including plant constructed by the undertakings themselves), broken down as follows:

- (a) Machinery, plant, vehicles;
- (b) Construction of buildings;
- (c) Purchase of existing buildings and of land.

Investments of a social nature shall, where possible, be recorded globally in a separate return.

Article 4

Subject to any national legislation on the secrecy of statistics, the results of the surveys, broken down by industrial sector, shall be forwarded to the Commission.

Article 5

This Directive is addressed to the Member States.

Done at Brussels, 30 July 1964.

For the Council

The President

G. SCHRÖDER

¹ The current edition of the Nomenclature was published in 1963 in the Bulletin of Industrial Statistics (Statistical Office of the European Communities). It is reproduced in the Annex for information.

ANNEX

NOMENCLATURE OF INDUSTRIES IN THE EUROPEAN COMMUNITIES — NICE

Branches, Major Groups, Groups, Subgroups and Subdivisions

1. MINING AND QUARRYING

11		Mining and preparation of solid fuels
	111	<i>Mining and preparation of coal</i>
	111.1	Mining and preparation of coal (coal mines proper, washing and grading)
	111.2	Manufacture of manufactured coal fuels
	111.3	Manufacture of coal coke (mines' coking plants and independent coking plants)
	111.4	Manufacture of coal semi-coke
	112	<i>Mining and preparation of lignite</i>
	112.1	Mining and preparation of old lignite (lignite of Provence)
	112.2	Mining and preparation of recent lignite (lignite other than lignite of Provence)
12		Mining of metalliferous ores
	121	<i>Mining of iron ore</i>
	122	<i>Mining of non-ferrous metalliferous ores</i>
	122.1	Mining of non-ferrous metalliferous ores
	122.2	Activities connected with the mining of non-ferrous metalliferous ores (milling, fritting, concentration, etc.)
13	130	Extraction of petroleum and natural gas
	130.1	Extraction of petroleum
	130.2	Extraction and refining of natural gas
	130.3	Extraction of bituminous shale
	130.4	Prospection for petroleum and natural gas
14	140	Mining or quarrying of building materials and fireclays
	140.1	Slate quarries
	140.2	Stone quarries (limestone, marble, sandstone for milling, sandstone, lava, hard stone, granite, basalt, porphyry, etc.)
	140.3	Extraction of chalk and limestone additives
	140.4	Extraction or dredging of sands, pebbles and gravels
	140.5	Extraction of marl or stones for the manufacture of lime and cement
	140.6	Extraction of gypsum
	140.7	Extraction of clay, brick clay and kaolin

19	190	Mining or quarrying of other minerals and of peat
	190.1	Salt marshes
	190.2	Mines and salt mines
	.21	Rock salt mines
	.22	Salt works
	190.3	Mining of potassium salt
	190.4	Mining of sulphur and pyrite
	190.5	Mining of asphalt and bitumen
	190.6	Mining of natural limestone phosphate
	190.7	Quarrying of dolomite, pumice stone and pozzolana
	190.8	Mining or quarrying of miscellaneous mineral products
	.81	Mining of talc and steatite; preparation of talc
	.82	Mining of asbestos
	.83	Mining of fossil silica and kieselguhr; preparation of bricks and proofings of these materials
	.84	Mining or quarrying of feldspar, quartz and pegmatite
	.85	Mining or quarrying of fluorspar
	.86	Mining or barium and strontium ore
	.87	Mining or quarrying of other mineral products: gemstones, mica, graphite, alum, magnesia, etc.
	190.9	Peat

2 and 3. MANUFACTURING INDUSTRIES

20 A	200	Industries producing animal and vegetable fats and oils
		Melting houses for animal fats (land animals) are classified under 201.5 and chemical processing—other than hydrogenation—oxidisation, vacuum treatment, hydrolysis, etc. of animal and vegetable fats under the chemical industry
	200.1	Production of fats from marine animals
	200.2	Production of olive oil
	200.3	Crushing (pressing and extraction) of oil-bearing seeds
	200.4	Refining, hydrogenation and other similar processing of animal and vegetable fats
	200.5	Production of margarine and similar food fats
20 B		Food manufacturing industries (excluding the beverage industry)
	201	<i>Slaughtering preparation and preserving of meat</i>
		Communal slaughterhouses which are lent or rented by local authorities to the trade and private industries for the purpose of slaughtering, and non-processing butcheries or pork butcheries (sale of meat), are classified elsewhere and not in NICE
	201.1	Slaughterhouses (except communal slaughterhouses)
	201.2	Processing of meat, except poultry Production of salt meats, sausages and dried hams, cooked pork butchers' meat and canned pork butchers' meat and other meat
	201.3	Processing butcheries and pork butcheries
	201.4	Slaughtering, preparation and canning of poultry
	201.5	Melting houses for animal fats (land animals)

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- 202 *Milk and milk products industry*
- 202.1 Production of milk for human consumption; butter and cheese factories
- .11 Production of milk for human consumption
- .12 Butter manufacturing
- .13 Cheese manufacturing
- 202.2 Manufacture of canned milk
- .21 Manufacture of milk concentrates
- .22 Manufacture of powdered milk
- 203 *Canning and preserving of fruit and vegetables*
- 203.1 Quick freezing of vegetables and fruits
- 203.2 Production of vegetable or fruit preserves in vinegar, brine or oil
- 203.3 Production of vegetable and fruit juices
- 203.4 Production of pulps not in airtight containers
- 203.5 Production of other vegetable or fruit preserves
- .51 Production of vegetable preserves
- .52 Production of fruit preserves
- .53 Production of dried vegetables
- .54 Production of jams, marmalades and jellies
- 204 *Canning and preserving of fish and other sea foods*
- 205 *Grain mill products manufacture*
- 205.1 Milling/meal manufacturing
- 205.2 Husking and grading of grain and seeds
- 206 *Manufacture of bakery products, cakes, rusks and biscuits*
- Breadshops are classified elsewhere and not in the NICE
- 206.1 Making of bakery products, cakes, rusks and biscuits
- Industrial manufacture of bakery products (delivering to breadshops and other bodies)
- Other manufacture of bakery products, rusks, cakes and biscuits
- 206.2 Baking of cakes and pastries
- 206.3 Making of rusks
- 206.4 Biscuitworks
- 207 *Sugar industry*
- 207.1 Manufacture of sugar
- 207.2 Manufacture and refining of sugar
- 207.3 Refining of sugar and manufacture of sugar candy
- 208 *Manufacture of cocoa, chocolate and sugar confectionery*
- 208.1 Manufacture of cocoa and chocolate
- 208.2 Manufacture of sugar confectionery
- 208.3 Manufacture of ice cream

209		<i>Manufacture of miscellaneous food products</i>
	209.1	Manufacture of macaroni, spaghetti and similar products
	209.2	Processing of coffee and tea
	209.3	Manufacture of coffee substitutes; manufacture of chicory
	209.4	Manufacture of condiments
	209.5	Manufacture of animal foods
	209.6	Manufacture of water ice
	209.7	Manufacture of other food products
	.71	Manufacture of broths and soups
	.72	Manufacture of dietetic foods
	.73	Manufacture of dessert dishes
	.74	Manufacture of food products not elsewhere specified
21		Beverage industry
	211	<i>Production of ethyl alcohol for fermentation, production of yeast and spirits</i>
	211.1	Distillation of crude ethyl alcohol for fermentation of agricultural products
	211.2	Manufacture of yeast for breadmaking (with or without allied production of alcohol)
	211.3	Rectification and dilution of ethyl alcohols; production of spirits (including aperitifs with a base other than wine)
	212	<i>Manufacture of wine and other unmalted alcoholic beverages</i>
	212.1	Wine-making; storing and handling of wines
	212.2	Preparation of special wines; champagne, sparkling wines, wine-based aperitifs, etc.
	212.3	Cider making and manufacture of wines from fruit
	213	<i>Brewing and malting</i>
		THE MANUFACTURE OF MALT EXTRACT IS CLASSIFIED UNDER 209.74
	213.1	Brewing
	213.2	Malting
	214	<i>Production of health beverages and spa waters</i>
	214.1	Bottling, and any preparation required, of natural spa waters
	214.2	Soft drinks and carbonated water industries
22	220	Tobacco manufactures
23		Manufacture of textiles
	232	<i>Manufacture and processing of textile materials on wool machinery</i>
	232.1	Stripping
	232.2	Preparation of woollen fibres
	.21	Washing, carding, carbonising of wool, treatment of wool waste
	.22	Wool combing

- 232.3 Spinning of wool
 - .31 Spinning of combed wool
 - .32 Spinning of carded wool
 - .33 Spinning of hair, angora hair, fine and coarse hair
- 232.4 Twisting and winding of wool
- 232.5 Weaving of wool (except carpet weaving)
 - .51 Mechanical weaving of woollen blankets
 - .52 Other processing of wool yarn into fabric
Mechanical weaving of wool fabrics for clothing and furnishing; mechanical weaving of woollen velvet and plush not elsewhere specified, except carpets; hand-weaving of wool; preparation for weaving of wool
- 232.6 Spinning—weaving of wool
 - .61 Spinning—weaving; combed cycle
Spinning—weaving; carded cycle
- 233 *Manufacturing and processing of textile materials on cotton machinery*
 - 233.3 Cotton spinning
 - .31 Three- or four-cylinder spinning non-integrated in weaving
 - .32 Spinning on spinning or schlaucops card non-integrated in weaving
 - 233.4 Twisting and making of sewing thread
 - 233.5 Cotton weaving (except carpet weaving)
 - 233.6 Spinning—weaving of cotton
- 234 *Manufacturing and processing of textile materials on silk machinery*
 - 234.2 Production of silk fibres
Maceration, scouring, washing of waste; combing of silk waste (schappe); cardage of noil silk (bourrette)
 - 234.3 Spinning of silk and schappe
 - .31 Unwinding of cocoons (silk spinning)
 - .32 Spinning of chappe, noil silk and discontinuous man-made fibres on chappe
 - 234.4 Operations on silk yarn and man-made fibres, except finishing
 - .41 Throwing of silk and continuous man-made fibre yarn
 - .42 Manufacture of sewing thread (including man-made fibres)
 - 234.5 Silk weaving (except carpet weaving)
Preparing and threading of cards, preparation for weaving (dressing, winding, twisting, welt winding); weaving of silk fabrics (including man-made fibres)
- 235 *Manufacturing and processing of textile materials on flax and hemp machinery*
 - 235.1 Retting and scutching of flax and hemp fibres
 - 235.3 Spinning of flax, hemp or ramie
 - .31 Spinning of flax, hemp for weaving and for sewing thread; spinning of ramie. Wet or dry spinning of flax or flaxton and hemp or hemp tow for weaving and making of thread; spinning of other pure and mixed fibres on flax and hemp machines, except spinning of flax for cords
 - .32 Dry spinning of hemp and hemp tow for cords
 - 235.4 Manufacture of sewing thread from flax, hemp and ramie; simple yarn, twists, cabled or plaited

- 235.5 Weaving of flax, hemp and ramie
Preparation for the weaving of fabric, dressing, preparing and reading of cards; weighing of fabric with or without complementary activities (dyeing, dressing, production of ready-made clothing, etc.); weaving of heavy fabrics (tarpaulins, sails, awnings, blinds, tents and camping equipment) with or without complementary activities (dyeing, dressing, making-up, etc.)
- 235.6 Spinning-weaving of flax and hemp
- 236 *Other textile fibre industries (jute, hard fibres, etc.), cordage*
- 236.3 Spinning of jute, hard fibres, etc.
- .31 Jute spinning (non-integrated)
- .32 Hard fibre spinning (non-integrated)
- 236.4 Cordage, rope and twine, of all materials
- .41 Cordage, rope and twine without integrated spinning
- .42 Cordage, rope and twine with integrated spinning
- 236.5 Weaving of jute, hard fibres, etc.
- .51 Weaving of jute (including integrated making up of jute bags)
- .52 Weaving of coco and other hard fibres
- 236.6 Spinning-weaving of jute, hard fibres, etc.
- .61 Spinning-weaving of jute
- .62 Spinning-weaving of coir and other hard fibres
- 237 *Manufacture of knitted and crocheted goods*
- Only those establishments in which knitwear is manufactured from yarn are considered 'knitting mills'. The making of articles which does not involve the manufacture of knitted or crocheted fabric is classified under manufacture of wearing apparel (Group 243)
- 237.1 Manufacture of stockings, understockings, sockettes, socks, half-socks, ankle socks and similar articles
- 237.2 Manufacture of other knitted or crocheted articles
- .21 Manufacture of non-elastic and non-rubberised knitted or crocheted fabrics for sale
- .22 Manufacture of berets and other knitted headgear
- .23 Manufacture of knitted and crocheted articles not elsewhere specified (gloves, layettes, underclothes, outer garments, knitted swim suits)
- 238 *Textile finishing*
- 238.1 Bleaching and dyeing
- 238.2 Printing
- 239 *Other textile industries*
- 239.1 Manufacture of carpets, except carpets of hard fibres and coir
- 239.2 Manufacture of linoleum, paper felts and oilcloth
- 239.3 Manufacture of felt
- .31 Manufacture of woven felt
- .32 Manufacture of knitted felt
- 239.4 Manufacture of ribbons, straps, laces, plaits, passementerie and piping of textile material
- 239.5 Manufacture of elastic textiles

- 239.6 Manufacture of tulle, lace and similar articles
- 239.7 Manufacture of miscellaneous textiles
 - .71 Ravelling
 - .72 Manufacture of nets
 - .73 Manufacture of cotton wool
 - .74 Manufacture of textiles not elsewhere specified (bleaching of linters, manufacture of non-woven fabrics, tarpaulins, sails, flags, tents and bags not preceded by weaving, of machine embroidery and scouring cloth)

- 24 **Manufacture of footwear and other wearing apparel and bedding**
 - 241 *Machine manufacture of footwear (except from rubber or wood)*
 - 241.1 Manufacture of footwear (except articles coming under 241.2 and 241.3)
 - 241.2 Manufacture of slippers
 - 241.3 Manufacture of other special footwear (in particular gymnastic and ballet shoes, galoshes, rope shoes etc.)
 - 241.4 Manufacture of parts of shoes and accessories

 - 242 *Manufacture by hand and repair of footwear*
 - 242.1 Manufacture by hand; manufacture of orthopaedic shoes; boot making
 - 242.2 Shoe repair

 - 243 *Manufacture of wearing apparel (except furs)*
 - 243.1 Production of outer garments for women, girls and infants
 - 243.2 Production of outer garments for men and boys
 - 243.3 Production of special outer garments
 - .31 Production of working clothes and uniforms
 - .32 Production of rainwear, sewn or in sealed plastic
 - .33 Production of leather and similar clothing
 - .34 Production of outer clothing not elsewhere specified (vestments and theatrical costumes)
 - 243.4 Production of shirts and underwear
 - .41 Production of corsets, girdles and brassieres
 - .42 Production of other items of underwear for women and children
 - .43 Production of men's shirts
 - 243.5 Making to measure of clothing and underwear
 - .51 Making to measure of clothing for women and children
 - .52 Making to measure of clothing for men
 - .53 Making to measure of underwear, corsets, girdles and shirts
 - 243.6 Hatmaking
 - .61 Manufacture of hats and headgear for women; millinery
 - .62 Manufacture of hats and headgear for men

- 243.7 Manufacture of clothing accessories
Manufacture of umbrellas, sunshades, ties, scarves, silk squares, braces, belts and gloves of fabric, buttons, flowers, fashion feathers, shoulder pads and other articles for the interior of garments, etc.
- 243.8 Manufacture of household linen (except weaving)
- 243.9 Other activities connected with the manufacture of wearing apparel
Darning, mending, quilting, openwork and pleating
- 244 *Manufacture of mattresses and bedding*
- 244.1 Preparation of kapok, horsehair and other fillings
- 244.2 Manufacture of all types of mattresses, quilts, eiderdowns, bed spreads and similar articles
- 244.3 Manufacturing of made-up textile articles for furnishing (blinds, curtains, etc.)
- 245 *Skin and fur industries*
- 245.1 Dressing and lustering of skins
- 245.2 Cutting and processing of rabbit skins for hatmaking and spinning
- 245.3 Making up of furs; manufacture of skin by-products (scraps and waste of skins, paws, heads, tails, etc.)
- .31 Wholesale making up of furs (manufacture of fur coats, wearing apparel, carpets, rugs, etc. for sale to retailers, furriers, fashion stores, etc.)
- .32 Making up of fashion furs and bespoke garments (manufacture of fur coats, wearing apparel etc. sold directly to private clients).
- 25 **Wood and cork industry (except manufacture of furniture)**
- 251 *Sawing and industrial preparation of wood*
- 251.1 Sawmills
- 251.2 Planing mills
- 251.3 Drying and seasoning of wood
- 252 *Manufacture of semi-finished wood products*
- 252.1 Manufacture of veneers and plywoods
- .11 Manufacture of veneers
- .12 Manufacture of plywoods
- 252.2 Manufacture of fibre panels and chip boards
- .21 Manufacture of hard or porous fibre panels
- .22 Manufacture of chip boards; manufacture of board, of wood flax or other materials agglomerated with non-mineral binders¹
- 252.3 Manufacture of improved woods
- 252.4 Manufacture of wood treated against fungus, insects or fire
Treatment of railway sleepers and line posts; treatment under pressure; soaking, pulverising, whitewashing, etc.
- 253 *Series production of wooden building components including flooring*
- 253.1 Manufacture, or manufacture and installation, of items of structural woodwork

¹ The manufacture of panels agglomerated with mineral binders is classified under Group 335.

- 253.2 Manufacture, or manufacture and installation, of manufactured joinery articles for buildings
Manufacture of doors, windows, French windows, facade panels, sliding doors, partitions, shutters, roller blinds, staircases, built-in kitchen furniture, etc.
- 253.3 Manufacture, or manufacture and laying, of flooring
- 254 *Manufacture of wooden containers*
- 254.1 Manufacture of cases, containers and pallets
The manufacture of cases, crates, cylinders and containers in sawn, cut or flattened wood, veneered or layered, in fibre or chip board panels, or including sections in cut, flattened, veneered or layered wood, or sections in fibre or chip board. Manufacture of cases and containers in reinforced wood. Manufacture of sections of cases and containers, pallet cases, pallets and accessories.
- 254.2 Manufacture of wood and cooperage
Manufacture of cooperage stock, staves, watertight vats for liquids, and other cooperage articles
- 255 *Manufacture of other wooden products (except furniture)*
- 255.1 Manufacture of miscellaneous wooden products
Manufacture of moulding and gilded, decorated or plastered rods; picture and mirror frames; round, turned and shafted sticks; wooden tools and parts of tools, wood for brooms, brushes and paint; brushes; articles for shoes and shoe-trees; household utensils; wooden equipment for the textile industry and other wooden products
- 255.2 Manufacture of sawdust
- 255.3 Manufacture of wood wool or fibres
- 255.4 Clogmaking
- 259 *Manufacture of straw, cork, basketware, wickerwork and rattan products; brush-making*
- 259.1 Manufacture of cork products
Manufacture of stoppers of natural cork or agglomerates (corks, washers, etc.); miscellaneous articles in natural cork (floats, sheets, soles, etc.); cork agglomerates for insulation (panels, casings, etc.) and miscellaneous articles in cork agglomerates
- 259.2 Manufacture of rattan and wickerwork articles, except rattan furniture
Manufacture of canework for chairs; articles made of reeds or wood chips wickerwork; wickerwork articles in willow or other plaited materials; other plaited articles
- 259.3 Manufacture of rattan furniture
- 259.4 Manufacture of brushes, brooms and paint brushes
Manufacture of besoms and other brooms; coarse and fine brushes, tooth brushes and industrial brushes; shaving brushes; artists' and other paint brushes
- 26 260 **Manufacture of wooden furniture**
- 260.1 Manufacture of household furniture
Manufacture of bedroom and dining-room suites, kitchen furniture and shelving, sectional furniture, adaptable and other furniture, decorative partitions
- 260.2 Manufacture of office and school furniture
Manufacture of office and school furniture, and other furniture for industry and public institutions
- 260.3 Manufacture of unupholstered seats
Manufacture of seats made entirely of wood and of curved wood; cane or straw seats and wood seats to be upholstered
- 260.4 Manufacture of upholstered seats and other furniture

- 260.5 Manufacture of miscellaneous furniture
Manufacture of furniture not elsewhere specified and manufacture without any special characteristics
- 260.6 Activities connected with the furnishing industry; finishing, varnishing, upholstering, and gilding of furniture
- 260.7 Manufacture of coffins
- 27 **Paper industry and manufacture of paper products**
- 271 *Manufacture of pulp, paper and paperboard*
- 271.1 Manufacture of chemical pulps
- .11 Manufacture of pulps for use in connection with textiles
- .12 Manufacture of other chemical wood pulps
- .13 Manufacture of pulps of annual vegetable and other miscellaneous materials, e.g. chemical straw pulps
- 271.2 Manufacture of mechanical, semi-chemical and straw pulps (whether or not connected with the manufacture of paper and paperboard)
- .21 Manufacture of mechanical and semi-chemical pulps
- .22 Manufacture of mechanical and semi-chemical pulp connected with the manufacture of paper and paperboard
- .23 Manufacture of macerated straw pulps, whether or not connected with the manufacture of paper and paperboard
- 271.3 Manufacture of paper and paperboard not elsewhere specified
- .31 Manufacture of printing and writing paper
- .32 Manufacture of kraft paper and paperboard, wrapping paper
- .33 Manufacture of thin and miscellaneous paper
- .34 Manufacture of paperboards
- 272 *Processing of paper and paperboard and manufacture of articles of pulp*
- 272.1 Manufacture of furnishing articles
- .11 Manufacture of wallpaper
- .12 Manufacture of other paper furnishing articles
- 272.2 Manufacture of household, toilet, hygienic and other articles of paper and paperboard
Manufacture of tablecloths and doilies, tea serviettes towels, handkerchiefs, toilet paper, diapers, dressings and hygienic articles
- 272.3 Manufacture of office and school articles and writing materials (stationery and office supplies)
Manufacture of writing paper, envelopes, exercise books, registers and account books, diaries, computer cards, files and paperboard box files
- 272.4 Manufacture of packing, wrapping and presentation articles
- .41 Manufacture of sacks
- .42 Manufacture of corrugated paperboard and articles thereof
- .43 Manufacture of heavy paperboard boxes, folding boxes, miscellaneous packagings, and paperboard wrapping and display materials
- .44 Manufacture of moulded packaging products, bags, cups, plates and containers, and other packing, wrapping and display material
- 272.5 Manufacture of bituminised paper and paperboard for building
- 272.6 Manufacture of impregnated, paraffined, self-sealing, gummed and transparent papers

	272.7	Manufacture of coated paper (other than on a paper machine) and novelty paper
	272.8	Manufacture of other articles of paper and paperboard Manufacture of tubes and cones for weaving and spinning; tubes and mandrels for other industries; punched cards for looms; playing cards, games and toys; paper caps; cigarette papers, labels, rolls for tape and other machines; other articles of paper and paperboard not elsewhere specified
28	280	Printing, publishing and allied industries
	280.1	Printing of newspapers
	280.2	Other printing
	.21	Relief printing (typographical)
	.22	Planographic printing (offset, lithographical, serigraphical, etc.)
	.23	Gravure printing (heliographical)
	280.3	Case binding, unsawn binding and gilding
	280.4	Industries connected with printing
	.41	Engraving, photo-engraving, electrotype, tool engraving, copper plate engraving, chemical engraving
	.42	Manufacture of stamps and seals
	.43	Type foundry
	280.5	Publishing
29		Leather industry
	291	<i>Tanning and rawing</i>
	291.1	Tanning (hides, sold by weight)
	291.2	Rawing (fine leather, sold by size)
	.21	Manufacture of glove skins
	.22	Other rawing
	291.3	Manufacture of agglomerates of leather and composition leather
	291.4	Independent workshops for dressing, dyeing and finishing of leathers
	292	<i>Manufacture of products of leather</i>
	292.1	Manufacture of morocco leather goods, travel goods saddlery and padding, military equipment, sheaths and cases, belts
	292.2	Manufacture of leather gloves
	292.3	Manufacture of technical leather products
30		Manufacture of rubber, plastic material, man-made fibres and starch products
	301	<i>Processing of rubber and asbestos</i>
	301.1	Manufacture of tyres
	301.2	Retreading and repair of tyres
	301.3	Manufacture of industrial rubber
	.31	Manufacture of straps and pipes
	.32	Manufacture of glues and solutions
	.33	Manufacture of other industrial rubber articles for technical use (including carpets and floor coverings); manufacture of rubber by-products (ebonite)

- .34 Manufacture of rubber footwear
- .35 Manufacture of hygienic and surgical articles
- .36 Manufacture of rubberised textile fabrics, clothing and other articles made thereof (sealed or vulcanised but not sewn)
- .37 Manufacture of sports and camping equipment and toys of rubber
- 301.9 Processing of asbestos
Manufacture of articles in asbestos-rubber, e.g. spinning and weaving articles, protective clothing, asbestos friction linings or filter plates; not including the manufacture of articles in asbestos-cement
- 302 *Processing of plastic material*
 - 302.1 Processing of plastic material by moulding (compression, injection or transfer, etc.)
 - 302.2 Processing of plastic material by any other process
- 303 *Production of man-made fibres*
 - 303.1 Production of regenerated cellulosic fibres
Production of discontinuous fibres and continuous yarn based on cellulose, cellulose acetate or other derivatives
 - 303.2 Production of synthetic fibres
Production of discontinuous fibres and continuous yarn based on polyamides, polyesters, polyolefins, polyvinyl derivatives, acrylics and others
- 304 *Manufacture of starch products*
 - 304.1 Manufacture of starch from maize, corn and rice
 - 304.2 Manufacture of dextrine, cereal and non-cereal starches, soluble or roasted
 - 304.3 Glucose manufacture
 - 304.4 Manufacture of other starch products (potato flour and potato starch; sago and manioc starch; starch by-products not elsewhere specified)
- 31 **Chemical industry**
 - 311 *Manufacture of chemical base materials and further processing of such materials*
Mineral chemical industry, including the manufacture of fertilisers; electrochemistry; organic chemical industry, including carbochemistry and petrochemistry; the manufacture of synthetic rubber and plastic materials; the manufacture of mineral pigments and organic dyes; distillation of tar, benzol, etc.
 - 312 *Specialised manufacture of chemical products principally for industrial and agricultural purposes*
 - 312.1 Manufacture of coatings, paints, varnishes and lacquers, and printing inks
 - 312.2 Manufacture of compressed gases
 - 312.3 Manufacture of miscellaneous glues, gelatin and seaweed extracts
 - 312.4 Chemical treatment of fats, in particular manufacture of stearin and glycerine
 - 312.5 Manufacture of essential oils and natural and synthetic perfumes
 - 312.6 Manufacture of explosives, fireworks and matches
 - 312.7 Manufacture of auxiliary products for textiles and leather; tannery products
 - 312.8 Manufacture of miscellaneous products for industrial use
Manufacture of activated carbon, activated earth; applied abrasives (artificial grindstones; abrasive pastes), of auxiliary products for engineering and metallurgy, and of natural resinous products and their derivatives, etc.
 - 312.9 Manufacture of products for agriculture
Manufacture of mixed fertilisers, phytosanitary products, wine-making products, etc.

- 313 *Specialised manufacture of chemical products principally for personal or office use*
- 313.1 Specialised manufacture of pharmaceutical products in bulk or put up in wrapping
- .11 Manufacture of pharmaceutical products in bulk or put up in wrapping
- .12 Wrapping of pharmaceutical products
- 313.2 Manufacture of photographic products (sensitive surfaces and auxiliary products)
- 313.3 Manufacture of soap and artificial detergents
- 313.4 Manufacture of other products for bodily hygiene, and of perfumery products
- 313.5 Manufacture of cleaning and maintenance products (waxes, polishes, metal-polishes, etc.)
- 313.6 Manufacture of chemical products for office articles
- .61 Manufacture of pencils
- .62 Manufacture of inks and glues for office use
- .63 Manufacture of stencils and carbon paper
- 313.7 Manufacture of other chemical consumer products not elsewhere specified
- 32 320 **Petroleum industry**
- 320.1 Refining of petroleum
- .11 Refining of petroleum products (excluding distribution)
- .12 Refining and distribution of petroleum products
- 320.2 Production or mixture of non-energy producing petroleum products (paraffin, lubricants)
- 33 **Manufacture of non-metallic mineral products**
- 331 *Manufacture of structural clay products*
- Manufacture of bricks, tiles and accessories, floor tiles, pavement sets or floor coverings of clay; manufacture of other clay products for building purposes (including building pottery)
- 332 *Manufacture of glass and glass products*
- 332.1 Manufacture of flat glass (and allied products)
- 332.2 Manufacture of hollow glass (and allied products) by automatic processes
- 332.3 Manufacture of domestic and ornamental glass and glass containers (and allied products) by manual or semi-automatic processes
- 332.4 Manufacture of industrial and scientific glassware
- 332.5 Manufacture of glass fibres
- 332.6 Shaping and processing of flat glass
- 332.7 Shaping and processing of domestic and ornamental glass and glass containers
- 333 *Manufacture of pottery, china and earthenware and refractory products*
- 333.1 Manufacture of refractory products
- 333.2 Manufacture of household and horticultural pottery
- 333.3 Manufacture of paving tiles and floor coverings in pottery and earthenware
- 333.4 Manufacture of other ceramic pottery (pipes and articles for the chemical industry, of pottery)
- 333.5 Manufacture of ceramic sanitary equipment

- 333.6 Earthenware (manufacture of earthenware—household articles—and ornamental earthenware)
- 333.7 Manufacture of household articles and industrial articles of china
- 333.8 Manufacture of art ceramics and non-industrial finished enamels
- 334 *Manufacture of cement, lime and plaster*
- 334.1 Manufacture of cement
- 334.2 Manufacture of lime
- 334.3 Manufacture of plaster
- 335 *Manufacture of structural materials in concrete, cement and plaster*
- 335.1 Manufacture of products of asbestos-cement (cover plates, pipes, etc.)
- 335.2 Manufacture of building sections of cement, concrete, reinforced or otherwise (blocks, cement flags, poles, supports, etc.)
- 335.3 Manufacture of plaster tiles, plaster and plaster-based prefabricated sections
- 335.4 Manufacture of silico-limestone products not elsewhere specified (bricks, castings, etc.)
- 335.5 Manufacture of products of pumice-cement
- 335.6 Manufacture of ready-mixed concrete
- 339 *Stone working and manufacture of other non-metallic mineral products*
- 339.1 Crushing of minerals and miscellaneous materials
- 339.2 Slate cutting outside slate quarries
- 339.3 Stone-cutting
Cutting, turning, polishing, preparation of road building materials; cutting of millstones and of whetstones in natural abrasives; building marble
- 339.4 Funeral marble work
- 339.5 Manufacture of abrasive papers and cloths
- 339.6 Manufacture of non-metallic mineral products not elsewhere specified
- 34 **Production and primary transformation of ferrous and non-ferrous metals**
- 341 *Iron and steel industry (as defined in the ECSC Treaty, including integrated steel-works-owned coking plants)*
- 342 *Manufacture of steel tubes*
- 342.1 Manufacture of welded and non-welded tubes
- 342.2 Tube drawing
- 342.3 Manufacture of steel tubes, connections, boxes, joints, etc. for electric conductors¹
- 343 *Wiredrawing, cold drawing, cold-rolling of strips, cold-forming*
- 343.1 Cold drawing of steel
- 343.2 Cold-rolling of steel strip
- 343.3 Cold-forming of steel sheet or strip
- 343.4 Steel wire-drawing and manufacture of articles from steel wire
- 343.41 Steel wire-drawing
- 343.42 Manufacture of articles from steel wire (including manufacture of wire electrodes for arc welding)

¹ The insulating tubes (mainly in non-ferrous metals and lined with proofed material) are classified under electrical construction.

- 344 *Production and primary transformation of non-ferrous metals*
- 344.1 Production of non-ferrous metals from minerals (or from waste, debris, ashes and residues) by any process resulting in refined metals
- 344.2 Production of non-ferrous metals and their alloys by fusion or other refining processes from waste, debris, ashes and residues
- 344.3 First treatment of non-ferrous metals; rolling, drawing, wiredrawing, extrusion
- 345 *Ferrous and non-ferrous metals foundries*
- 345.1 Ferrous metals foundries (except those under 345.2)
Hydraulic iron foundry (standard or custom-made), cast steel and malleable iron foundry
- 345.2 Manufacture of castings for kitchen and domestic heating equipment
- 345.3 Non-ferrous metal foundries
Copper foundry, copper alloy foundry, miscellaneous alloys foundry, light or ultra-light alloys, pressure foundry
- 35 **Manufacture of metal products except machinery and transport equipment**
- 351 *Forging, heavy stamping and heavy pressing*
- 352 *Heavy forging, drop forging and stamping; heavy pressing and drawing, secondary transformation and surface treatment*
- 352.1 Light stamping, pressing and hammering
- 352.2 Manufacture of screws, nuts, bolts etc.
- .21 Manufacture of screws including turned metal screws etc.
- .22 Manufacture of nuts and bolts etc.
- 352.3 Manufacture of springs (except furniture and watch springs)
- 352.4 Sintering
- 352.5 Manufacture of chains (except machine and bicycle chains)
- 352.6 Surface treatment and case hardening
- 352.7 General mechanical engineering¹
- 353 *Manufacture and assembly of metal structures*
- 353.1 Metal structures (bridges and structural work)
- 353.2 Metal joinery articles (doors, windows, etc. of rolled or formed metal)
- 353.3 Manufacture of pit props
- 353.4 Manufacture of fixed railway equipment, normal gauge
- 354 *Boiler making, manufacture of industrial hollow ware*
- 354.1 Manufacture of large boilerhouse plant
- 354.2 Manufacture of industrial hollow-ware
Manufacture of large containers for liquid and gas conduit piping, apparatus, parts and accessories for conduits and tanks

¹ For France and Belgium in particular.

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- 355 *Manufacture of tools and implements and finished articles of metal (except electrical equipment)*
- 355.1 Manufacture of hand and agricultural tools and equipment
- .11 Manufacture of hand tools
- .12 Manufacture of agricultural tools and equipment
- 355.2 Cutlery and manufacture of table cutlery
- 355.3 Ironmongery (locks and ironwork)
- 355.4 Manufacture of metal packaging
- .41 Manufacture of heavy metal packaging
- .42 Manufacture of light metal packaging
- 355.5 Manufacture of domestic and kitchen heaters of sheet metal
- 355.6 Manufacture of metal furniture (including safes)
- 355.7 Manufacture of household and similar articles
- 355.8 Manufacture of small metal articles
- 355.9 Manufacture of small arms and ammunition
- 359 *Ancillary mechanical engineering activities*
- 359.1 Blacksmiths', smiths' and welding workshops
- 359.2 Rural workshops for the repair of agricultural machinery
- .36 **Manufacture of machinery other than electric machines**
- 361 *Manufacture of agricultural machinery and tractors*
- 361.1 Manufacture of agricultural machinery
- 361.2 Manufacture of agricultural tractors
- 362 *Manufacture of office machinery*
- 363 *Manufacture of metal-working and other machine-tools and fixtures and attachments for these and for other powered tools*
- 363.1 Manufacture of metal-working machine-tools
- .11 Manufacture of metal-cutting machine-tools
- .12 Manufacture of metal-forming machine-tools
- 363.2 Manufacture of tools and fixtures and attachments for machinery
 Manufacture of small diamenté tools and small portable tools for all purposes, motor-driven or driven by air pressure, the electric motors not being manufactured but merely assembled; manufacture of interchangeable spare parts with the character of tools for machinery of all types
- 364 *Manufacture of textile machinery and accessories; manufacture of sewing machines*
- 364.1 Manufacture of textile machinery and accessories
- .11 Manufacture of textile machinery
- .12 Manufacture of accessories for textile machinery
- 364.2 Manufacture of sewing machines
- 365 *Manufacture of machinery and equipment for the food manufacturing industries and for chemical and allied industries*
- 365.1 Manufacture of machinery and equipment for the food industries, the preparation of beverages, the tobacco industry, and the chemical, pharmaceutical and allied industries

- 365.2 Manufacture of machinery for wrapping, putting up and packing
- 365.3 Manufacture of machinery for working rubber and plastic materials
- 366 *Manufacture of plant and equipment for mines, iron and steel works and foundries, and for the construction industry*
- 366.1 Manufacture of mining machinery
- 366.2 Manufacture of machinery and plant for the iron and steel industry and foundries
- 366.3 Manufacture of machinery for the mechanical working of building materials
- 366.4 Manufacture of equipment for civil engineering and industrial narrow-gauge railroad equipment
- 366.5 Manufacture of hoisting and handling equipment
- 367 *Manufacture of transmission equipment*
- 367.1 Manufacture of gears, transmission chains (including bicycle chains), gear-changes and other transmission articles
- 367.2 Manufacture of ball-bearings
- 368 *Manufacture of machinery for other specific industrial purposes*
- 368.1 Manufacture of machinery for the working of wood and similar materials
- 368.2 Manufacture of machinery for the paperboard and printing and allied industries
- 368.3 Manufacture of laundry and dry-cleaning plant
- 368.4 Manufacture of machinery and equipment for the leather and footwear industry
- 369 *Manufacture of other non-electrical machinery and equipment*
- 369.1 Manufacture of internal combustion engines (other than those intended for road transport and aviation)
- 369.2 Manufacture of hydraulic and thermal turbines and other machines producing mechanical energy
- 369.3 Manufacture of compressors, pumps, and hydraulic and pneumatic transmission equipment
- 369.4 Manufacture of heating, ventilation and drying plant
- 369.5 Manufacture of non-domestic freezing plant
- 369.6 Manufacture of non-electrical industrial ovens
- 369.7 Manufacture of non-electrical soldering equipment
- 369.8 Manufacture of cocks and valves
- 369.9 Manufacture of other general machinery and equipment
Manufacture of automatic distributing and vending machines, weighing machines (except precision balances and household weighing machines), fire-extinguishing equipment, etc.
- 37 **Electrical engineering**
- 371 *Manufacture of electric wiring and cables*
- 372 *Manufacture of motors, generators, transformers, switch gears and other similar equipment for the provision of electric power*

- 373 *Manufacture of electrical equipment for direct utilisation in industry*
- 373.1 Manufacture of electrical accessories for motor vehicles
- 373.2 Manufacture of other electrical equipment
Manufacture of electric furnaces and storing ovens, tools, industrial electric vehicles, appliances for electric welding, galvanising equipment, etc.
- 374 *Manufacture of telecommunications equipment, meters, other measuring appliances and electromedical equipment*
- 375 *Manufacture of electronic equipment, audio equipment, radio and television receivers*
- 376 *Manufacture of electrical appliances for domestic use*
- 377 *Manufacture of lamps and lighting equipment*
Manufacture of lamps; manufacture of lighting equipment
- 378 *Manufacture of batteries and accumulators*
- 379 *Repair, assembly, specialist installation of electrical equipment*
The installation of electricity in buildings is classified under Group No 403
- 38 **Manufacture of transport equipment**
- 381 *Shipbuilding, repairing and maintenance*
- 381.1 Building and repair of seagoing vessels
- 381.2 Building and repair of inland waterway vessels
- 381.3 Building and repair of boats and yachts
- 381.4 Painting of ships
- 381.5 Breakers' yards
- 382 *Manufacture of standard- and narrow-gauge railway rolling stock for public transport*
- 382.1 Building of locomotives of train carriages, tramcars and other railway vehicles
- 382.2 Repair of railway rolling stock¹
- 383 *Manufacture of motor vehicles and spare parts thereof*
- 383.1 Manufacture and assembly of motor vehicles (including road tractors) and of engines
- 383.2 Manufacture of coach work, trailers and skips
- 383.3 Manufacture of equipment, accessories and spare parts for motor vehicles
- 384 *Repair of motor vehicles, motorcycles or cycles*
- 384.1 Servicing of engines; repair and painting of motor vehicles and motorcycles
- 384.2 Repair of bicycles and power-assisted cycles
- 385 *Manufacture of cycles, motorcycles and parts thereof*
- 385.1 Manufacture of motorcycles, cycles and power-assisted cycles
- 385.2 Manufacture of accessories and spare parts for motorcycles and cycles

¹ Not carried out by railway companies.

- 386 *Manufacture and repair of aircraft*
- 386.1 Construction of aeroplanes (including engines)
- 386.2 Repair of aeroplanes
- 389 *Manufacture of transport equipment not elsewhere classified*
- 389.1 Manufacture of baby carriages
- 389.2 Manufacture of animal-drawn vehicles
- 389.3 Manufacture of other transport equipment
- 39 **Miscellaneous manufacturing industries**
- 391 *Manufacture of precision instruments and measuring and controlling instruments*
- 391.1 Manufacture of meters for gas, water and other liquids (including petrol pump meters)
- 391.2 Manufacture of measuring, controlling and regulating instruments
- 391.3 Manufacture of navigational, hydrological and meteorological instruments
- 391.4 Manufacture of drawing and mathematical instruments
- 391.5 Manufacture of precision dimensional measuring instruments
- 391.6 Manufacture of precision weighing machinery, laboratory apparatus and teaching equipment
- 391.9 Manufacture of other precision instruments
- 392 *Manufacture of medico-surgical instruments, and equipment and orthopaedic appliances (except orthopaedic footwear)*
- 392.1 Manufacture of physician's diagnostic apparatus
- 392.2 Manufacture of medico-surgical articles
- 392.3 Manufacture of dental instruments and appliances
- 392.4 Manufacture of prosthetic and orthopaedic appliances
- 393 *Manufacture of photographic and optical equipment*
- 393.1 Manufacture of lenses and frames for eye glasses, glasses and equipment for opticians
- 393.2 Manufacture of precision optical equipment
- 393.3 Manufacture of photographic and cinematographic equipment
- 394 *Manufacture and repair of watches and clocks*
- 394.1 Manufacture of watches, clocks and spare parts thereof
- 394.2 Repair of watches and clocks
- 395 *Jewellery and precious metal manufacturing*
- 395.1 Jewellery
- 395.2 Diamond cutting
- 395.3 Lapidary work
- 395.4 Manufacture of costume jewellery
- 395.5 Striking of coins and medals

- 396 *Manufacture and repair of musical instruments*
- 396.1 Manufacture and repair of keyboard instruments (organs, harpsichords, pianos);
piano tuning
- 396.2 Manufacture and repair of other musical instruments
Accordions; wind instruments; percussion instruments; stringed instruments
- 397 *Manufacture of games, toys and sporting and athletic goods*
- 399 *Other manufacturing industries*
- 399.1 Manufacture of fountain pens and ball-point pens
- 399.2 Manufacturing industries not elsewhere specified
Art industries; manufacture of articles of ivory, meerschaum, bone, horn, etc.;
manufacture of fancy goods and smokers' requisites; stuffed animal manufacturing
(taxidermy); other manufacturing industries

4. BUILDING AND CIVIL ENGINEERING

- 40 **Construction**
- 400 *Construction (non-specialised); demolition*
Undertakings whose principal activity varies or is insufficiently distinguishable to be
attributed to one or other type of construction
- 400.1 Non-specialised construction
The manufacture and assembly, or the assembly only, of metal structures is classified
under Group 353
- 400.2 Demolition
- 401 *Construction of buildings (dwellings or other)*
- 401.1 General building work
- 401.2 Roofing
- 401.3 Construction of chimneys and furnaces
- 401.4 Weatherproofing
- 401.5 Re-dressing and maintenance of facades
- 401.6 Scaffolding
- 401.7 Other building activities (including structural work)
- 402 *Civil engineering; building of roads, bridges, railways, etc.*
- 402.1 General civil engineering
- 402.2 Earth-moving work above ground
- 402.3 Building of engineering structures on land (above or below ground)
- 402.4 Building of inland waterway and maritime engineering structures
- 402.5 Highway construction (including airport and runway construction)
- 402.6 Specialist activities in other fields of civil engineering (including installation of road-
signs and signals and seamarks, installation of mains and pipelines for gas, water and
oil, and installation of electric power transmission and telecommunication lines)
- 403 *Installation work*
- 403.1 General installation
- 403.2 Services (gas, water and sanitary equipment installation)

	403.3	Heating and ventilation installation (installation of central-heating, air-conditioning and ventilation plant)	
	403.4	Heat, sound and vibration insulation	
	403.5	Installation of electricity	
	403.6	Installation of aerials, lightning conductors, telephones, etc.	
404		<i>Decorating and finishing</i>	
	404.1	General decorating and finishing	
	404.2	Plastering	
	404.3	Woodwork, with particular reference to installation of wooden fittings (including laying of wooden floors)	
	404.4	Painting and glazing, wallpapering	
	404.5	Application of facings and coverings for floors and walls (fixing of tiles, other floor coverings and adhesive finishings)	
	404.6	Miscellaneous finishing work (including installation of stoves and fireplaces, etc.)	
5. ELECTRICITY, GAS AND WATER			
50	500	Combined generation and distribution of various types of power and water	
51		Electricity, gas and steam	
	511	<i>Generation and distribution of electricity</i>	
		Subgroups 511.1 to 511.3 cover the distribution of electric power when combined with generation	
	511.1	Generation of thermal electricity	} for the grid
	511.2	Generation of hydraulic electricity	
	511.3	Generation of nuclear electricity	
	511.4	Distribution of electric power	
	511.5	Independent generation of electricity by individual power stations in the mining industry	
	511.6	Independent generation of electricity by individual power stations in the iron and steel industry	
	511.7	Independent generation of electricity by individual power stations in the chemical industry	
	511.8	Independent generation of electricity by individual power stations for one or more other branches of industry	
	512	<i>Manufacture and distribution of gas</i>	
		Subgroup 512.1 covers the distribution of gas when combined with production	
	512.1	Gas works	
	512.2	Distribution of gaseous fuels	
	513	Production and distribution of steam and compressed air; heat production plants	
52	520	Water supply	