

EMTAK 2008 EXPLANATORY NOTES

To learn about the field of activity, please select the division that most accurately describes the nature of your business and the link will transfer you to the correct division of activities.

- A [Agriculture, forestry and fishing](#)
- B [Mining and quarrying](#)
- C [Manufacturing](#)
- D [Electricity, gas, steam and air conditioning supply](#)
- E [Water supply; sewerage, waste management and remediation](#)
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[Construction](#)
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- L [Professional, scientific and technical activities](#)
- M [Administrative and support service activities](#)
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EXPLANATORY NOTES

A AGRICULTURE, FORESTRY AND FISHING

This section includes the exploitation of vegetal and animal natural resources. It comprises the activities of growing of crops, raising and breeding of animals, harvesting of timber and other plants, animals or animal products from a farm or their natural habitats.

01 Crop and animal production, hunting and related service activities

Agricultural production, namely production of crop products and production of animal products covers the forms of organic agriculture as well as growing of genetically modified crops and the raising of genetically modified animals, growing of crops in open fields as well in greenhouses.

Group 015 (Mixed farming) classifies the units which have reasonably balanced crop and animal production. The preparation of products for the primary markets is included here. This division also includes hunting and related service activities.

The division excludes field construction (e.g. agricultural land terracing, drainage, preparing rice paddies, etc.) classified in section F (Construction) and buyers and cooperative associations engaged in the marketing of farm products classified in section G and the landscape care and maintenance, which is classified in class 81.30.)

011 Growing of non-perennial crops

This group also includes the growing of perennial crops, including growing of these plants for the purpose of seed production.

0111 Growing of cereals (except rice), leguminous crops and oil seeds 01111

Growing of cereals (except rice), leguminous crops and oil seeds This class includes

all forms of growing of cereals, leguminous crops and oil seeds in open fields. The growing of these crops is often combined within agricultural units.

- growing of cereals (e.g. wheat, barley, rye, oats, millets, maize, sorghum and other cereals n.e.c.)
- growing of leguminous crops (e.g. beans, broad beans, peas, chick peas, cow peas, pigeon peas, lentils, lupines and other leguminous crops) – growing of oil seeds (e.g. soya beans, castor beans, linseed, mustard seed, rapeseed, sesame seed, sunflower seed, cotton seed, safflower seed, niger seed, groundnuts and other oil seeds)

Also belong here:

- growing sprouts of cereal, legume vegetables, and oil seeds
- growing of turnip rape, growing of oilseed rape seed

Does not belong here:

- growing of rice, see 01121
- growing of sweet corn, see 01131
- growing of maize for fodder, see 01199
- growing of oleaginous fruits, see 01261

0112 Growing of rice

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01121 Growing of rice

0113 Growing of vegetables and melons, roots and tubers

01131

Growing of vegetables (including gourds), roots and tubers, including mushrooms – growing of leafy or stem vegetables (e.g. artichokes, cabbages, cauliflower and broccoli, asparagus, spinach, lettuce and chicory and other leafy or stem vegetables)

– growing of fruit bearing vegetables (cucumbers and gherkins, eggplants (aubergines), tomatoes, watermelons, cantaloupes and other melons and fruit-bearing vegetables)

– growing of root, bulb or tuberous vegetables (e.g. carrots, turnips, garlic, onions (incl. shallots), leeks and other alliaceous vegetables and other root, bulb or tuberous vegetables)

– growing of mushrooms and truffles
– growing of vegetable seeds, including

sugar beet seeds, excluding other beet seeds

- growing of sugar beet
- growing of other vegetables
- growing of roots and tubers (e.g. potatoes, sweet potatoes, cassava, yams and other roots and tubers)

Also belong here:

- growing of rhubarb
- growing of vegetable sprouts
- growing of sweet paprika

Does not belong here:

- growing of chillies, peppers (*capsicum* spp.) and other spices and aromatic crops, see 0128
- growing of mushroom spawn, see 01301

0114 Growing of sugar cane

01141 Growing of sugar cane (excluding sugar beet)

This also includes two and multi-year growing of sugar cane (excluding sugar beet).

Does not belong here:

- growing of sugar beet, see 01131

0115 Growing of tobacco

01151 Growing of tobacco

This also includes one, two and multi-year growing of tobacco.

Does not belong here:

- manufacture of tobacco products, see 12001

0116 Growing of fibre crops

01161 Growing of fibre crops

- growing of cotton
- growing of jute, kenaf and other textile bast fibres

- growing of flax and true hemp
- growing of sisal and other textile fibre of the genus agave
- growing of abaca, ramie and other vegetable textile fibres
- growing of other fibre crops

0119 Growing of other non-perennial crops

01191 Growing of flowers

- growing of flowers
- production of cut flowers and flower buds
- growing of flower seeds

Does not belong here:

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growing of non-perennial spices, aromatic, drug and pharmaceutical crops, see 01281

01199 Growing of fodder crops and grasses and other non-perennial crops

This class includes the growing of all other crops.

- growing of swedes, mangolds, fodder roots, clover, alfalfa, sainfoin, fodder maize and other grasses, forage kale and similar forage products
- growing of buckwheat
- growing of beet seeds (excluding sugar beet seeds) and seeds of forage plants

Also belong here:

- *growing of fodder crops*
- *making silage*

Does not belong here:

growing of non-perennial spices, aromatic, drug and pharmaceutical crops, see 01281

012 Growing of perennial crops

This group includes the growing of perennial crops, i.e. plants that lasts for more than two growing seasons, including for seed production.

0121 Growing of grapes

01211 Growing of grapes

- growing of wine grapes and table grapes in vineyards

Does not belong here:

manufacture of wine, see 11021

0122 Growing of tropical and subtropical fruits

01221 Growing of tropical and subtropical fruits

- growing of tropical and subtropical fruits (e.g. avocados, bananas and plantains, dates, figs, mangoes, papayas, pineapples and other tropical and subtropical fruits)

0123 Growing of citrus fruits

01231 Growing of citrus fruits

- growing of citrus fruits (e.g. grapefruit and pomelo, lemons and limes, oranges, tangerines, mandarins and clementines and other citrus fruits)

0124 Growing of pome fruits and stone fruits

01241 Growing of pome fruits and stone fruits

- growing of pome fruits and stone fruits (e.g. apples, apricots, cherries and sour cherries, peaches and nectarines, pears and quinces, plums and sloes)
- growing of other pome fruits and stone fruits

0125 Growing of other tree and bush fruits and nuts

01251 Growing of other tree and bush fruits and nuts

- growing of berries (e.g. blueberries, currants, gooseberries, kiwi fruit,

- raspberries, strawberries and other berries)
– growing of fruit seeds
– growing of edible nuts (almonds, cashew nuts, chestnuts, hazelnuts, pistachios, walnuts and other nuts)
– growing of other tree and bush fruits (e.g. locust beans)

Also belong here:

- growing of sea-buckthorn
– growing of honeysuckle with edible berries, growing of cultivated berries (blueberry, raspberry, cranberry, loganberry, cowberry, etc.)

Does not belong here:

growing of coconuts, see 01261

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0126 Growing of oleaginous fruits

01261 Growing of oleaginous fruits

- growing of oleaginous fruits (e.g. coconuts, olives, oil palms and other oleaginous fruits)

Does not belong here:

growing of soya beans, groundnuts and other oil seeds, see 01111

0127 Growing of beverage crops

01271 Growing of beverage crops

- growing of beverage crops (e.g. tea, coffee, cocoa and maté and other beverage crops)

0128 Growing of spices, aromatic, drug and pharmaceutical crops 01281 Growing of spices, aromatic, drug and pharmaceutical crops – growing of perennial and non-perennial spices and aromatic crops (such as pepper (piper sop.), chillies, peppers (capsicum sop.), nutmeg, mace and cardamoms, anise, badian, fennel, cinnamon (canella), cloves, ginger, vanilla, hops and other spices and aromatic crops)

- growing of drug and narcotic crops
– growing of plants used in pharmaceutical and perfumery industry

Also belong here:

– growing of plants mainly used as insecticides, fungicides, etc.

0129 Growing of other perennial crops

01291 Growing of other perennial crops

- growing of rubber trees for harvesting of latex
– growing of Christmas trees
– growing of trees for extraction of sap
– growing of vegetable materials of a kind used primarily for plaiting

Does not belong here:

growing of flowers, production of cut flower buds and growing of flower seeds, see 01191

gathering of tree sap or rubber like gums in the wild, see 02301

013 Plant propagation

0130 Plant propagation

01301 Plant propagation

Production of all vegetative propagation and planting materials including cuttings, suckers and seedlings for direct plant propagation or to create plant grafting stock.

- growing of plants for planting, including growing of plants for ornamental purposes, including turf for transplanting
– growing of live plants for bulbs, tubers and roots;
growing of cuttings and slips; mushroom spawn
– operation of tree nurseries, except forest tree nurseries

Also belong here:

- growing of turf (mats) for transplantation
- growing (production) of coating material for biroof (turf)

Does not belong here:

operation of forest tree nurseries, see 02101 growing of plants for the purpose of seed production, see 011, 012

014 Animal production

This group includes raising (farming) and breeding of all animals (except aquatic animals)

0141 Raising of dairy cattle

01411 Raising of dairy cattle

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- raising and breeding of dairy cattle
- production of raw milk from cows or buffaloes

Also belong here:

– production of waste from liquid and solid stools of domestic animals or mixtures thereof with litter

Does not belong here:

processing of milk, see 10511

0142 Raising of other cattle and buffaloes

01421 Raising of other cattle and buffaloes

- raising and breeding of cattle and buffaloes for meat
- production of bovine semen

Also belong here:

– raising of cattle
– production of waste from liquid and solid stools of domestic animals or mixtures thereof with litter

0143 Raising of horses and other equines

01431 Raising of horses and other equines

- raising and breeding of horses, mules, asses or hinnies

Also belong here:

– production of waste from liquid and solid stools of domestic animals or mixtures thereof with litter

Does not belong here:

Operation of racing and riding stables, see 93199

0144 Raising of camels and camelids

01441 Raising of camels and camelids

- raising and breeding of camels (dromedary)

0145 Raising of sheep and goats

01451 Raising of sheep and goats

- raising and breeding of sheep and goats
- production of raw sheep or goat milk
- production of raw wool

Also belong here:

– production of waste from liquid and solid stools of domestic animals or mixtures thereof with litter

Does not belong here:

sheep shearing on a fee or contract basis, see 01621
production of pulled wool, see 10111

processing of milk, see 10511

0146 Raising of swine/pigs

01461 Raising of swine/pigs

Also belong here:

– production of waste from liquid and solid stools of domestic animals or mixtures thereof with litter

0147 Raising of poultry

01471 Raising of poultry

- raising and breeding of poultry (e.g. turkeys, ducks, geese, chickens and guinea fowls)*
- production of eggs from poultry*
- operation of poultry hatcheries*

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Also belong here:

– production of waste from liquid and solid stools of poultry or mixtures thereof with litter

Does not belong here:

production of feathers or down, see 10121

0149 Raising of other animals

01491 Bee keeping

- bee-keeping and production of honey and beeswax*

01499 Raising of other animals

- raising and breeding of semi-domesticated or other live animals (e.g. ostriches and emus, other birds (except poultry), insects, rabbits and other fur animals)*
- production of fur skins, reptile or bird skins from ranching operation*
- operation of land mollusc farms, worm farms, snail farms etc.*
- raising of silk worms, production of silk worm cocoons*
- raising and breeding of pet animals (except fish) (e.g. cats and dogs, birds, hamsters, etc.)*
- raising of diverse animals*

Also belong here:

– raising of wild birds, e.g. pheasants and the like

Does not belong here:

production of hides and skins originating from hunting and trapping, see 01701
operation of frog farms, crocodile farms, marine worm farms, see 03211, 03221
operation of fish farms, see 03211, 03221
boarding and training of pet animals, see 96091
raising and breeding of poultry, see 01471

015 Mixed farming

0150 Mixed farming

01501 Mixed farming

This class includes the combined production of crops and animals without a specialised production of crops or animals. The size of the overall farming operation is not a determining factor. If either production of crops or animals in a given unit is 66% or more of standard gross margins, the combined activity should not be included here, but allocated to crop or animal farming.

Does not belong here:

mixed crop farming, see groups 011 and 012
mixed animal farming, see group 014

016 Support activities to agriculture and post-harvest crop activities This group includes activities incidental to agricultural production and activities similar to agriculture not undertaken for production purposes (in the sense of harvesting agricultural products), done on a fee or contract basis. It also includes preparing agricultural products for the primary market.

0161 Support activities for crop production

01611 Support activities for crop production

- agricultural activities on a fee or contract basis (e.g. preparation of fields, establishing a crop, treatment of crops, transplanting of rice, thinning of beets, crop spraying, including by air, pest control (including rabbits), trimming of fruit trees and vines, harvesting, etc)
- maintenance of agricultural land in good agricultural and environmental condition
- operation of agricultural irrigation equipment
- renting of agricultural machinery with operators and crew

Also belong here:

- *other spheres of activity that tend crop production*
- *maintenance of wood meadows*

Does not belong here:

- post-harvest crop activities, see 01631*
- drainage of agricultural land, see 43122*
- landscape architecture, see 71111*
- activities of agronomists and agricultural economists, see 74901*
- landscape gardening, planting, see 81301*
- organisation of agricultural shows and fairs, see 82301*

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0162 Support activities for animal production

01621 Support activities for animal production

- agricultural activities on a fee or contract basis (e.g. activities to promote propagation, growth and output of animals, activities related to artificial insemination, farm animal boarding and care, droving services, agistment services, poultry caponising, coop cleaning, sheep shearing, services related to horses)
- horse shoeing

Also belong here:

- *renting of agricultural equipment with an operator*
- *sorting of eggs*
- *shoeing*

Does not belong here:

- provision of space for animal boarding only, see 68201*
- veterinary activities, see 75001*
- vaccination of animals, see 75001*
- renting of animals (e.g. herds), see 77399*
- pet boarding, see 96091*

0163 Post-harvest crop activities

01631 Post-harvest crop activities

- preparation of crops for primary markets, i.e. cleaning, trimming, grading, disinfecting
- cotton ginning
- preparation of tobacco leaves, e.g. drying
- preparation of cocoa beans, e.g. peeling
- waxing of fruit

Also belong here:

- *grain dryer activity*
- *grain drying and aeration*
- *cleaning cultivated berries (garden berries)*

– producing compressed hay

Does not belong here:

preparation of agricultural products by the producer, see corresponding class in groups 011, 012 or 013

post-harvest activities aimed at improving the propagation quality of seed, see 01641

stemming and redrying of tobacco, see 12001

marketing activities of commission merchants and cooperative associations, see division 46

wholesale of agricultural raw materials, see 462

0164 Seed processing for propagation

01641 Seed processing for propagation

Improvement of the propagation quality of seed: removal of non-seed materials, undersized, mechanically or insect-damaged and immature seeds as well as removing the seed moisture to a safe level for seed storage. This activity includes the drying, cleaning, grading and treating of seeds until they are marketed. The treatment of genetically modified seeds is included here.

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Does not belong here:

growing of seeds, see groups 011 and 012

processing of seeds to obtain oil, see 10411

research to develop or modify new forms of seeds, see 72111

017 Hunting, trapping and related service activities

0170 Hunting, trapping and related service activities

01701 Hunting, trapping and related service activities

- hunting and trapping on a commercial basis
- taking of animals for food, fur, skin, or for use in research, in zoos or as pets
- production of fur skins, reptile or bird skins from hunting or trapping activities land
- based catching of sea mammals such as walrus and seal

Does not belong here:

production of fur skins, reptile or bird skins from ranching operations, see group 01499

raising of game animals on ranching operations, see 014

catching of whales, see 03111

production of hides and skins originating from slaughterhouses, see 101

hunting for sport or recreation and related service activities, see 93192

service activities to promote hunting and trapping, see 9499

02 Forestry and logging

Production of roundwood as well as the extraction and gathering of wild growing non-wood forest products. Besides the production of timber, forestry activities result in products that undergo little processing, such as firewood, charcoal and roundwood used in an unprocessed form (e.g. pit-props, pulpwood etc.).

Excluded is further processing of wood beginning with sawmilling and planning of wood, see division 16.

021 Silviculture and other forestry activities

0210 Silviculture and other forestry activities

02101 Silviculture and other forestry activities

- silviculture: growing of standing timber: planting, replanting, transplanting, thinning and conserving of forests and timber tracts
- growing of coppice, pulpwood and fire wood
- operation of forest tree nurseries

Also belong here:

– growing of forest tree seeds

022 Logging

0220 Logging

02201 Logging

The output of logging is usually logs or other unprocessed wood.

– production of roundwood for forest-based manufacturing industries –
production of roundwood used in an unprocessed form such as pit-props,
fence posts and railway sleepers

Also belong here:

– cutting of rides under lines
– cutting of protected zones near power lines, railways, etc.
– cutting of underwood
– logging

Does not belong here:

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growing of Christmas trees, see 01291

*growing of standing timber: planting, replanting, transplanting, thinning and
conserving of forests and timber tracts, see 02101*

gathering of wild growing non-wood forest products, see 02301

production of wood chips and particles, see 16109

production of charcoal through distillation of wood, see 20141

02202 Production of wood for energy

– gathering and production of wood for energy
– gathering and production of forest harvesting residues for energy

Also belong here:

– providing the service of chopping wood

023 Gathering of wild growing non-wood products

0230 Gathering of wild growing non-wood products

02301 Gathering of wild growing non-wood products

– gathering of wild growing materials (e.g. mushrooms, truffles, berries, nuts,
balata and other rubber-like gums, cork, lac and resins, balsams, vegetable
hair, eelgrass, acorns, horse chestnuts, mosses and lichens)

Also belong here:

– gathering of herbs
– collection of reed
– collection of tree sap
– cleaning of wild berries

Does not belong here:

*managed production of any of these products (except growing of cork trees),
see division 01*

growing of mushrooms or truffles, see 01131

growing of berries or nuts, see 01251

gathering of fire wood, see 02202

production of wood chips, see 16109

024 Support services to forestry

0240 Support services to forestry

02401 Support services to forestry

– carrying out part of the forestry operation on a fee or contract basis
– forestry service activities:

- forestry inventories
- forest management consulting services
- timber evaluation
- forest fire fighting and protection
- forest pest control
- logging service activities:
- transport of logs within the forest
- renting of forestry vehicles with a driver

Also belong here:

- *lopping and peeling of trees*
- *establishment and maintenance of wildlife feed sites*

Does not belong here:

- operation of forest tree nurseries, see 02101*
- draining of forestry land, see 43122*
- clearing of building sites, see 43121*

03 Fishing and aquaculture

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This division includes capture fishery and aquaculture, covering the use of fishery resources from marine, brackish or freshwater environments, with the goal of capturing or gathering fish, crustaceans, molluscs and other marine organisms and products (e.g. aquatic plants, pearls, sponges etc). It also includes activities that are normally integrated in the process of production for own account (e.g. seeding oysters for pearl production). Service activities incidental to marine or freshwater fishery or aquaculture are included in the related fishing or aquaculture activities.

This division does not include building and repairing of ships and boats (301, 3315) and sport or recreational fishing activities (93192) and processing of fish, crustaceans or molluscs is excluded, whether at land-based plants or on factory ships (10201).

031 Fishing

This group includes "capture fishery", i.e. the hunting, collecting and gathering activities directed at removing or collecting live wild aquatic organisms (predominantly fish, molluscs and crustaceans) including plants from the oceanic, coastal or inland waters for human consumption and other purposes by hand or more usually by various types of fishing gear such as nets, lines and stationary traps. Such activities can be conducted on the intertidal shoreline (e.g. collection of molluscs such as mussels and oysters) or shore based netting, or from home-made dugouts or more commonly using commercially made boats in inshore, coastal waters or offshore waters. Such activities also include fishing in restocked water bodies.

0311 Marine fishing

03111 Marine fishing

- fishing on a commercial basis in ocean and coastal
- waters whale
- catching taking of marine crustaceans and molluscs
- taking of marine aquatic animals: turtles, sea squirts, tunicates, sea urchins etc.
- activities of vessels engaged both in marine fishing and in processing and preserving of fish
- gathering of other marine organisms and materials: natural pearls, sponges, coral and algae

Does not belong here:

- whales, e.g. walruses, seals, see 01701*
- processing of whales on factory ships, see 10111*

processing of fish, crustaceans and molluscs on factory ships or in factories ashore, see 10201
renting of pleasure boats with crew for sea and coastal water transport (e.g. for fishing cruises), see 50101
fishing inspection, protection and patrol services, see 84242
fishing practiced for sport or recreation and related services, see 93192
operation of sport fishing preserves, see 93192

0312 Freshwater fishing

03121 Freshwater fishing

- fishing on a commercial basis in inland waters
- taking of freshwater crustaceans and molluscs
- taking of freshwater aquatic animals, gathering of freshwater materials

Does not belong here:

processing of fish, crustaceans and molluscs, see 10201
fishing inspection, protection and patrol services, see 84242
fishing practiced for sport or recreation and related services, see 93192
operation of sport fishing preserves, see 93192

032 Aquaculture

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This group includes "aquaculture" (or aquafarming), i.e. the production process involving the culturing or farming (including harvesting) of aquatic organisms (plants, molluscs, fish, crustaceans, crocodiles, alligators and amphibians, etc.) using techniques designed to increase the production of the organisms in question beyond the natural capacity of the environment (for example regular stocking, feeding and protection from predators).

Culturing/farming refers to the rearing up to their juvenile and/or adult phase under captive conditions of the above organisms. In addition, "aquaculture" also encompasses individual, corporate or state ownership of the individual organisms throughout the rearing or culture stage, up to and including harvesting.

0321 Marine aquaculture

03211 Marine aquaculture

- fish farming in sea water including farming of marine ornamental fish
- production of bivalve spat (oyster mussel etc.), lobsterlings, shrimp post-larvae, fish fry and fingerlings
- growing of laver and other edible seaweeds
- culture of crustaceans, bivalves, other molluscs and other aquatic animals in sea water
- aquaculture activities in brackish waters
- aquaculture activities in salt water filled tanks and reservoirs
- operation of fish hatcheries (marine)operation of marine
- worm farms

Does not belong here:

frog farming, see 03221
operation of sport fishing preserves, see 93192

0322 Freshwater aquaculture

03221 Freshwater aquaculture

- fish farming in freshwater including farming of freshwater ornamental fish – culture of freshwater crustaceans, bivalves, other molluscs and other aquatic animals
- operation of fish hatcheries (freshwater)
- farming of frogs

Also belong here:

– farming of water reptiles and frogs in pools

Does not belong here:

aquaculture activities in salt water filled tanks and reservoirs, see 03211

operation of sport fishing preserves, see 93192

B MINING AND QUARRYING

Mining and quarrying include the extraction of minerals occurring naturally as solids (coal and ores), liquids (petroleum) or gases (natural gas). Extraction can be achieved by different methods such as underground or surface mining, well operation, seabed mining etc. This section includes supplementary activities aimed at preparing the crude materials for marketing, for example, crushing, grinding, cleaning, drying, sorting, concentrating ores, liquefaction of natural gas and agglomeration of solid fuels. These operations are often accomplished by the units that extracted the resource and/or others located nearby. Mining activities are classified into divisions, groups and classes on the basis of the principal mineral produced Divisions 05, 06 are concerned with mining and quarrying of fossil fuels (coal, lignite, petroleum, gas); divisions 07, 08 concern metal ores, various minerals and quarry products. Some of the technical operations of this section, particularly related to the extraction of hydrocarbons, may also be carried out for third parties by specialised units as an industrial service which is reflected in division 09.

05 Mining of coal and lignite

Extraction of solid mineral fuels through underground or open-cast mining and includes operations (e.g. grading, cleaning, compressing and other steps necessary for transportation etc.) leading to a marketable product. This division does not include coking (see 19101), services incidental to coal or lignite mining (see 09901) or the manufacture of briquettes (see 19201).

051 Mining of hard coal

0510 Mining of hard coal

05101 Mining of hard coal

mining of hard coal: underground or surface mining, including mining through liquefaction methods
– cleaning, sizing, grading, pulverising, compressing etc. of coal to classify, improve quality or facilitate transport or storage
–recovery of hard coal from culm banks

Does not belong here:

lignite mining, see 05201
peat digging, see 08921
support activities for hard coal mining, see 09901
test drilling for coal mining, see 09901
coke ovens producing solid fuels, see 19101
manufacture of hard coal briquettes, see 19201
work performed to develop or prepare properties for coal mining, see 43129

052 Mining of lignite

0520 Mining of lignite

05201 Mining of lignite

– mining of lignite (brown coal): underground or surface mining, including mining through liquefaction methods
washing, dehydrating, pulverising, compressing of lignite to improve quality or facilitate transport or storage

Does not belong here:

hard coal mining, see 05101
peat digging, see 08921
support activities for lignite mining, see 09901
test drilling for coal mining, see 09901
manufacture of lignite fuel briquettes, see 19201
work performed to develop or prepare properties for coal mining, see

4312906 Extraction of crude petroleum and natural gas

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Production of crude petroleum, the mining and extraction of oil from oil shale and oil sands and the production of natural gas and recovery of hydrocarbon liquids. This division includes the activities of operating and/or developing oil and gas field properties, such as drilling, completing and equipping wells; operating separators, emulsion breakers, desalting equipment and field gathering lines for crude petroleum; and all other activities in the preparation of oil and gas up to the point of shipment from the producing property. This division includes production of oil, the mining and extraction of oil from oil shale and oil sands, production of natural gas and hydrocarbon liquids through gasification, liquefaction and pyrolysis of hard coal done at the mine site.

061 Extraction of crude petroleum

0610 Extraction of crude petroleum

06101 Mining of oil shale and extraction of crude petroleum

– extraction of crude petroleum oils
– extraction of bituminous or oil shale and tar sand
– production of crude petroleum from bituminous shale and sand
– processes to obtain crude oils: decantation, desalting, dehydration, stabilisation etc.

Does not belong here:

support activities for oil and natural gas extraction, see 09101
oil and gas exploration, see 09101
manufacture of refined petroleum products, see 19201 recovery of liquefied petroleum gases in the refining of petroleum, see 19201
operation of pipelines, see 49501

062 Extraction of natural gas

0620 Extraction of natural gas

06201 Extraction of natural gas

– production of crude gaseous hydrocarbon (natural gas)
– extraction of condensates
– draining and separation of liquid hydrocarbon fractions

- gas desulphurisation
- mining of hydrocarbon liquids, obtained through liquefaction or pyrolysis

Does not belong here:

support activities for oil and natural gas extraction, see 09101

oil and gas exploration, see 09101

recovery of liquefied petroleum gases in the refining of petroleum, see 19201

manufacture of industrial gases, see 20111

operation of pipelines, see 49501

07 Mining of metal ores

Division 07 includes mining for metallic minerals (ores), performed through underground or open-cast extraction, seabed mining, etc. This division also includes ore dressing and beneficiating operations, such as crushing, grinding, washing, drying, sintering, calcining or leaching ore, gravity separation or flotation operations.

071 Mining of iron ores

0710 Mining of iron ores

07101 Mining of iron ores

- mining of ores valued chiefly for iron content
- beneficiation and agglomeration of iron ores

Does not belong here:

extraction and preparation of pyrites and pyrrhotite (except roasting), see 08911

072 Mining of non-ferrous metal ores

This group includes the mining of non-ferrous metal ores.

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0721 Mining of uranium and thorium ores

07211 Mining of uranium and thorium ores

- mining of ores chiefly valued for uranium and thorium content: pitchblende, etc.
- enriching uranium and thorium ore
 - production of yellow uranium dirt

Does not belong here:

enriching uranium and thorium, see 20131

production of uranium metal from pitchblende or other ores, see 24461

smelting and refining of uranium, see 24461

0729 Mining of other non-ferrous metal ores

07291 Mining of other non-ferrous metal ores

mining and preparation of ores chiefly valued for non-ferrous metal content (e.g. aluminium (bauxite), copper, lead, zinc, tin, manganese, chrome, nickel, cobalt, molybdenum, tantalum, vanadium, etc.; precious metals: gold, silver, platinum)

Does not belong here:

mining and preparation of uranium and thorium ores, see 07211

production of aluminium oxide, see 24421

production of mattes of copper or of nickel, see 24441, 24451

08 Other mining and quarrying

Extraction from a mine or quarry, but also dredging of alluvial deposits, rock crushing and the use of salt marshes. The products are used most notably in construction (e.g. sands, stones etc.), manufacture of materials (e.g. clay, gypsum, calcium etc.), manufacture of chemicals etc.

This division does not include processing (except crushing, grinding, cutting, cleaning, drying, sorting and mixing) of the minerals extracted.

081 Quarrying of stone, sand and clay

0811 08111 and breaking of limestone
 – quarrying limestone flux
 mining of gypsum and anhydrite
 – mining of chalk and uncalcined dolomite

Quarrying of ornamental and building stone, limestone, gypsum, chalk and slate

Quarrying of ornamental and building stone, limestone, gypsum, chalk and slate *see 08911*
 – quarrying, rough trimming and sawing of monumental and building stone such as marble, granite, sandstone etc.
 – breaking and crushing of ornamental and building stone – quarrying, crushing

Does not belong here:
mining of chemical and fertiliser minerals, production of calcined dolomite, see 23521
cutting, shaping and finishing of stone outside quarries, see 2370

0812 Operation of gravel and sand pits; mining of clays and kaolin 08121

Operation of gravel and sand pits; mining of clays and kaolin – extraction and dredging of industrial sand, sand for construction and gravel mining of clays, refractory clays and kaolin

Does not belong here:
mining of bituminous sand, see 06101
mining support service activities, see 09901

08122 Manufacture of crushed stone

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- manufacture of gravel
- manufacture of crushed stone (e.g. limestone, dolomite, marble or other stone used for concrete aggregates, for road metalling or for railway or other ballast)
- manufacturing gravel coating from flux, dross or other industrial waste

089 Mining and quarrying n.e.c.

0891 Mining of chemical and fertiliser minerals

08911 Mining of chemical and fertiliser minerals

- mining of natural phosphates and natural potassium salts
- mining of native sulphur
- extraction and preparation of pyrites and pyrrhotite, except roasting – mining of natural barium sulphate and carbonate (barytes and witherite), natural borates, natural magnesium sulphates (kieserite)
- mining of earth colours, fluorspar and other minerals valued chiefly as a source of chemicals
- guano mining

Also belong here:
 – *derivation of curative and other mud*

Does not belong here:
extraction of salt, see 08931
roasting of iron pyrites, see 20131
manufacture of synthetic fertilisers and nitrogen compounds, see 20151
mining support service activities, see 09901

0892 Extraction of peat

08921 Extraction of peat

- peat digging
- preparation of peat to improve quality or facilitate transport or storage
- manufacture of potting soil mixtures of peat

Also belong here:
 – *manufacture of milled peat*

– *manufacture of potting soil/mixed soil*

Does not belong here:

service activities incidental to peat mining, see 09901

manufacturing of articles of peat (leaves, cylindrical shells, plant pots), see 23991

manufacturing of peat briquettes, see 19201

0893 Extraction of salt

08931 Extraction of salt

- extraction of salt from underground including by dissolving and pumping
- salt production by evaporation of sea water or other saline waters – crushing, purification and refining of salt by the producer

Does not belong here:

processing of salt into food-grade salt, e.g. iodised salt, see 10841

potable water production by evaporation of saline water, see 36001

mining support service activities, see 09901

0899 Other mining and quarrying n.e.c.

08991 Other mining and quarrying n.e.c.

- mining and quarrying of various minerals and materials:
- abrasive materials, asbestos, siliceous fossil meals, natural graphite, steatite (talc), feldspar etc
- natural asphalt, asphaltites and asphaltic rock; natural liquid bitumen
- gemstones, quartz, mica, vermiculite etc.
- flux and ash, including seaweed ash

Also belong here:

- *extraction of natural garnet and other gemstones*
- *extraction of pumice stone*
- *extraction of peat*

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09 Mining support service activities

This division includes specialised support services incidental to mining provided on a fee or contract basis, including exploration services through traditional prospecting methods such as taking core samples and making geological observations as well as drilling, test-drilling or re-drilling for oil wells, metallic and non-metallic minerals. Other typical services cover building oil and gas well foundations, cementing oil and gas well casings, cleaning, bailing and swabbing oil and gas wells, draining and pumping mines, overburden removal services at mines, etc.

091 Support activities for petroleum and natural gas extraction

0910 Support activities for petroleum and natural gas extraction

09101 Support activities for petroleum and natural gas extraction

- oil and gas extraction service activities provided on a fee or contract basis:
- exploration services in connection with petroleum or gas extraction, e.g. traditional prospecting methods, such as making geological observations at prospective sites
- directional drilling and re-drilling; „spudding in“; derrick erection in situ, repairing and dismantling; cementing oil and gas well casings; pumping of wells; plugging and abandoning wells etc
- liquefaction and regasification of natural gas for purpose of transport, done at the mine site
- draining and pumping services, on a fee or contract basis
- test drilling in connection with petroleum or gas extraction
- oil and gas field fire fighting services

Also belong here:

- *closing of boreholes*

Does not belong here:

service activities performed by operators of oil or gas fields, see 06101, 06201
specialised repair of mining machinery, see 33121
liquefaction and regasification of natural gas for purpose of transport, done off the mine site, see 52211
geophysical, geologic and seismic surveying, see 71122

099 Support activities for other mining and quarrying

0990 Support activities for other mining and quarrying

09901 Support activities for other mining and quarrying

- support services on a fee or contract basis, required for mining hard coal and lignite, metal ores etc :
- exploration services, e.g. traditional prospecting methods, such as taking core samples and making geological observations at prospective sites –
- draining and pumping services, on a fee or contract basis
- test drilling and test hole boring

Also belong here:

- *transport inside the mine*
- *activities assisting peat extraction*

Does not belong here:

- operating mines or quarries on a contract or fee basis, see division 05, 07 or 08*
- specialised repair of mining machinery, see 33121*
- geophysical surveying services, on a contract or fee basis, see 71122*

Section C includes the physical and/or chemical transformation of materials, substances or components into new products (However, this cannot be used as the single universal criterion for defining manufacturing, see remark on

processing of waste

below). The materials, substances, or components transformed are raw materials that are products of agriculture, forestry, fishing, mining or quarrying as well as products of other manufacturing activities. Substantial alteration, renovation or reconstruction of goods is generally considered to be manufacturing.

The output of a manufacturing process may be finished in the sense that it is ready for utilisation or consumption, or it may be semi-finished in the sense that it is to become an input for further manufacturing. For example, the output of alumina refining is the input used in the primary production of aluminium; primary aluminium is the input to aluminium wire drawing; and aluminium wire is the input for the manufacture of fabricated wire products.

Manufacture of specialised components and parts of, and accessories and attachments to, machinery and equipment is, as a general rule, classified in the same class as the manufacture of the machinery and equipment for which the parts and accessories are intended. Manufacture of unspecialised components and parts of machinery and equipment, e.g. engines, pistons, electric motors, electrical assemblies, valves, gears, roller bearings, is classified in the appropriate class of manufacturing, without regard to the machinery and equipment in which these items may be included. Making specialised components and accessories by moulding or extruding plastics materials is included in group 222.

Assembly of the component parts of manufactured products is considered manufacturing.

The recovery of waste, i.e. the processing of waste into secondary raw materials is classified in group 383 (Materials recovery). While this may involve physical or chemical transformations, this is not considered to be a part of manufacturing. The primary purpose of these activities is considered to be the treatment or processing of waste and they are therefore classified in Section E (Water supply; sewerage, waste management and remediation activities). However, the manufacture of new final products (as opposed to secondary raw materials) is classified in manufacturing, even if these processes use waste as an input. For example, the production of silver from film waste is considered to be a manufacturing process.

Specialised maintenance and repair of industrial, commercial and similar machinery and equipment is, in general, classified in division 33 (Repair, maintenance and installation of machinery and equipment). The repair of computers and personal and household goods is classified in division 95 (Repair of computers and personal and household goods), while the repair of motor vehicles is classified in division 45 (Wholesale and retail trade and repair of motor vehicles and motorcycles). The installation of machinery and equipment, when carried out as a specialised activity, is classified in group 332. Remark: As a general rule, the activities in the manufacturing section involve the transformation of materials into new products (the output is a new product). However, the definition of what constitutes a new product can be somewhat subjective.

For example, the following activities are considered manufacturing in EMTAK:

- fresh fish processing (oyster shucking, fish filleting), not done on a fishing boat (see 10201)
- milk pasteurising and bottling (see 10511)
- leather converting (see 15111)
- wood preserving (see 16102)
- printing and related activities (see 181)
- tyre retreading (see 22111)
- ready-mixed concrete production (see 23631)
- electroplating, plating, and metal heat treating (see 25611) – rebuilding or remanufacturing of machinery (e.g. automobile engines, see 29101).

Activities not classified as manufacturing in EMTAK include:

- logging, classified in section A (Agriculture, forestry and fishing) – beneficiating of agricultural products, classified in section A (Agriculture, forestry and fishing)
- preparation of food for immediate consumption on the premises is classified to division 56 (Food and beverage service activities)
- beneficiating of ores and other minerals, classified in section B (Mining and quarrying)

- construction of structures and fabricating operations performed at the site of construction classified in section F Construction

10 Manufacture of food products

This division includes the processing of the products of agriculture, forestry and fishing into food for humans or animals, and includes the production of various intermediate products that are not directly food products. The activity often generates associated products of greater or lesser value (for example, hides from slaughtering, or oilcake from oil production).

This division is organised by activities dealing with different kinds of products: meat, fish, fruit and vegetables, fats and oils, milk products, grain mill products, animal feeds and other food products.

Production can be carried out for own account, as well as for third parties, as in custom slaughtering.

Some activities are considered manufacturing (for example, those performed in bakeries, pastry shops, and prepared meat shops etc. which sell their own production) even though there is retail sale of the products in the producers' own shop. Where the processing is minimal and does not lead to a real transformation, the unit is classified to wholesale and retail trade (section G).

Preparation of food for immediate consumption on the premises is classified to division 56 (Food and beverage service activities).

Production of animal feeds from slaughter waste or by-products is classified in 109, while processing food and beverage waste into secondary raw material is classified to 383, and disposal of food and beverage waste in 3821.

101 meat and production of meat products **Processing and preserving of**

1011 Processing and preserving of meat

- 10111** Processing and preserving of meat, incl. the operation of slaughterhouses – operation of slaughterhouses engaged in killing, dressing or packing meat: beef, pork, lamb, rabbit, mutton, camel, etc
- production of fresh, chilled or frozen meat, in carcasses
 - production of fresh, chilled or frozen meat, in cuts
 - slaughtering and processing of whales on land or on specialised vessels
 - production of hides and skins originating from slaughterhouses, including fellmongery
 - rendering of lard and other edible fats of animal origin
 - processing of animal offal
 - production of pulled wool

Does not belong here:

rendering of edible poultry fats, see 10121

packaging of meat for a fee or on contract basis, see 82921

1012 Processing and preserving of poultry meat

- 10121** Processing and preserving of poultry meat, incl. the production of feathers – operation of slaughterhouses engaged in killing, dressing or packing poultry – production of fresh, chilled or frozen meat in individual portions
- rendering of edible poultry fats
 - production of feathers and down

Does not belong here:

packing of meat on a fee or contract basis, see 82921

1013 Production of meat and poultry meat products

- 10131** Production of meat and poultry meat products
- production of dried, salted or smoked meat
 - production of food and canned food made of meat, offal (incl. the liver) or blood (e.g. sausages, salami, puddings, “andouillettes”, saveloys, bolognas, pâtés, rillettes, boiled ham)
 - meal, flour and pellets unfit for human consumption produced from meat or meat offal; production of greaves

Also belong here:

– service of boiling and preparing meat products

Does not belong here:

manufacture of prepared frozen meat and poultry dishes, see 10851

manufacture of soup containing meat, see 10891

wholesale trade of meat, see 46321

packaging of meat and poultry products on a fee or contract basis, see 82921

102 Processing and preserving of fish, crustaceans and molluscs**1020 Processing and preserving of fish, crustaceans and molluscs 10201**

Processing and preserving of fish, crustaceans and molluscs – preparation and preservation of fish, crustaceans and molluscs: freezing, deep-freezing, drying, cooking, smoking, salting, immersing in brine, canning etc.

- production of fish, crustacean and mollusc products: fish fillets, roes, caviar, caviar substitutes etc.
- production of fishmeal for human consumption or animal feed
- production of meals and solubles from fish and other aquatic animals unfit for human consumption
- activities of vessels engaged only in the processing and preserving of fish
- processing of seaweed

Also belong here:

- *thawing fish*

Does not belong here:

processing and preserving of fish on vessels engaged in fishing, see 03111

processing of whales on land or specialised vessels, see 10111

production of oils and fats from marine material, see 10411

manufacture of prepared frozen fish dishes, see 10851

manufacture of fish soups, see 10891

103 Processing and preserving of fruit and vegetables**1031 Processing and preserving of potatoes****10311** Processing and preserving of potatoes

- processing and preserving of potatoes:
- manufacture of prepared frozen potatoes
- manufacture of dehydrated mashed potatoes
- manufacture of potato snacks
- manufacture of potato crisps
- manufacture of potato flour and meal
- industrial peeling of potatoes

1032 Manufacture of fruit and vegetable juice**10321** Manufacture of fruit and vegetable juice

- manufacture of fruit or vegetable juices
- production of concentrates from fresh fruits and vegetables

Also belong here:

- *squeezing juice*

1039 Other processing and preserving of fruit and vegetables**10391** Other processing and preserving of fruit and vegetables

- manufacture of food consisting chiefly of fruit or vegetables (incl. mushrooms and truffles), except ready-made dishes in frozen or canned form
- preserving of fruit, nuts or vegetables (incl. mushrooms and truffles): freezing, drying, immersing in oil or in vinegar, canning etc.
- manufacture of fruit or vegetable food products
- manufacture of jams, marmalades and table jellies
- roasting of nuts
- manufacture of nut foods and pastes
- manufacture of perishable prepared foods of fruit and vegetables:
- salads; mixed salads, packaged

- peeled or cut vegetables
- tofu (bean curd)

Also belong here:

- including the cleaning of frozen berries

Does not belong here:

- manufacture of fruit and vegetable juices, see 10321*
- manufacture of flour or meal of dried leguminous vegetables, see 10611*
- preservation of fruit and nuts in sugar, see 10821*
- manufacture of prepared vegetable dishes, see 10851*
- manufacture of artificial concentrates, see 10891*

104 Manufacture of vegetable and animal oils and fats The manufacture of crude and refined oils and fats from vegetable or animal materials, except rendering or refining of lard and other edible animal fats.

1041 Manufacture of oils and fats

10411 Manufacture of oils and fats

- manufacture of crude vegetable oils: olive oil, soya-bean oil, palm oil, sunflower-seed oil, cotton-seed oil, rape, colza or mustard oil, linseed oil etc. –
- manufacture of non-defatted flour or meal of oilseeds, oil nuts or oil kernels –
- manufacture of refined vegetable oils: olive oil, soya-bean oil etc. – processing of vegetable oils: blowing, boiling, dehydration, hydrogenation etc. –
- manufacture of non-edible animal oils and fats
- extraction of fish and marine mammal oils
- production of cotton linters, oilcakes and other residual products of oil production

Also belong here:

- *manufacture of animal crude oils and fats*
- *manufacture of vegetable and animal waxes*

Does not belong here:

- rendering and refining of lard and other edible animal fats, see 10111*
- manufacture of margarine, see 10421*
- wet corn milling, see 10621*
- manufacture of corn oil, see 10621*
- production of essential oils, see 20531*
- treatment of oil and fats by chemical processes, see 20591*

1042 Manufacture of margarine and similar edible fats

10421 Manufacture of margarine and similar edible fats

- manufacture of margarine
- manufacture of melanges and similar spreads (butterfat content 15–40%)
- manufacture of compound cooking fats (butterfat content 15–40%)

105 Manufacture of dairy products

1051 Operation of dairies and cheese making

10511 Processing of raw milk, production of fresh cream

- processing of fresh liquid milk: pasteurised, sterilised, homogenised and/or ultra heat treated
- manufacture of pasteurised, sterilised or homogenised cream from fresh liquid milk

Does not belong here:

- production of raw milk (cattle), see 01411*
- production of raw milk (sheep, goats, horses, asses, camels, etc.), see 01431, 01441, 01451*

10512 Manufacture of cheese and curd

- manufacture of cheese, whey cheese and curd:
- grated cheese

- melted cheese
- blue cheese and other cheeses

10519 Manufacture of other dairy products, incl. butter

- manufacture of milk-based drinks
- manufacture of dried or concentrated milk whether or not sweetened
- manufacture of milk or cream in solid form
- manufacture of butter and other butterfats and butterfat spreads
- manufacture of yoghurt
- manufacture of fermented or soured milk and cream
- manufacture of casein or lactose
- manufacture of whey

Also belong here:

- *manufacture of cheese curds*

Does not belong here:

manufacture of non-dairy milk and cheese substitutes, see 10891

1052 Manufacture of ice cream

10521 Manufacture of ice cream

- manufacture of ice cream and other edible ice such as sorbet

Does not belong here:

activities of ice cream parlours, see 56101

manufacture of edible ice, see 35301

106 **Manufacture of grain mill products, starches and starch products** The milling of flour or meal from grains or vegetables, the milling, cleaning and polishing of rice, the manufacture of flour mixes or doughs; milling of corn and vegetables and the manufacture of starch and starch products.

1061 **Manufacture of grain mill products**

10611 Manufacture of flour and grain mill products, incl. milling activities – grain milling and processing: production of flour, groats, meal or pellets of wheat, rye, oats, maize (corn) or other cereal grains

- rice milling and processing: production of husked, milled, polished, glazed, parboiled or converted rice; production of rice flour
- vegetable milling: production of flour or meal of dried leguminous vegetables, of roots or tubers, or of edible nuts
- manufacture of cereal breakfast foods
- manufacture of flour mixes and prepared blended flour and dough for bread, cakes, biscuits or pancakes

Also belong here:

- *manufacture of muesli*

Does not belong here:

manufacture of potato flour and meal, see 10311

wet corn milling, see 10621

1062 **Manufacture of starches and starch products**

10621 Manufacture of starches and starch products

- manufacture of starches from rice, potatoes, maize etc.
- wet corn milling
- manufacture of glucose, glucose syrup, maltose, inulin etc.
- manufacture of gluten
- manufacture of tapioca and tapioca substitutes prepared from starch
- manufacture of corn oil

Does not belong here:

manufacture of lactose (milk sugar), see 10511

production of cane or beet sugar, see 10811

manufacture of artificial honey and caramel, see 10891

107 Manufacture of bakery and farinaceous products

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1071 Manufacture of bread; manufacture of fresh pastry goods and cakes

10711 Manufacture of bread; manufacture of fresh pastry goods and cakes

– manufacture of bread and rolls

– manufacture of bakery products, e.g. pastry, cakes, pies, tarts, pancakes, waffles, rolls etc.

Does not belong here:

manufacture of dry bakery products, see 10721

manufacture of pastas, see 10731

heating up of bakery items for immediate consumption, see division 56

manufacture of frozen or otherwise preserved pizza, see 10851

1072 10721

cakes

– manufacture of rusks, biscuits and other dry bakery products – manufacture of roasted bread and rolls

– manufacture of preserved pastry goods and cakes

– manufacture of snack products (cookies, crackers, pretzels etc.), whether sweet or salted

Also belong here:

– manufacture of waffles and waffle cakes

Does not belong here:

manufacture of potato snacks, see 10311

1073

Manufacture of rusks and biscuits; manufacture of preserved pastry goods and cakes

Manufacture of rusks and biscuits; manufacture of preserved pastry goods and

Manufacture of macaroni, noodles, couscous and similar farinaceous products

10731 Manufacture of macaroni, noodles, couscous and similar farinaceous products – manufacture of pastas such as macaroni, noodles and lasagne, not stuffed – manufacture of couscous, whether or not cooked – manufacture of canned or frozen pasta products

Does not belong here:

manufacture of prepared couscous dishes, see 10851

manufacture of stuffed pastas (with a stuffing of meat or other products), see 10851

manufacture of soup containing pasta, see 10891

108 Manufacture of other food products

This group includes the production of sugar and confectionery, prepared meals and dishes, coffee, tea and spices, as well as perishable and specialty food products.

1081 Manufacture of sugar

10811 Manufacture of sugar

– manufacture or refining of sugar (sucrose) and sugar substitutes from the juice of cane, beet, maple and palm

– manufacture of sugar syrups

– manufacture of molasses

– vproduction of maple syrup and sugar

Does not belong here:

manufacture of glucose, glucose syrup, maltose, see 10621

1082 Manufacture of cocoa, chocolate and sugar confectionery

10821 Manufacture of cocoa, chocolate and sugar confectionery

- manufacture of cocoa, cocoa butter, cocoa fat, cocoa oil
- manufacture of cocoa powder
- manufacture of foods containing cocoa
- manufacture of chocolate and chocolate confectionery
- manufacture of sugar confectionery: caramels, pastilles, nougats, fondant, white chocolate, toffees, marzipan, gummy confectionery, marmalade, meringue, jelly confectionery etc.
- manufacture of chewing gum
- preserving in sugar of fruit, nuts, fruit peels and other parts of plants
- manufacture of cough lozenges and pastilles

Does not belong here:

manufacture of sucrose sugar, see 10811

1083 Processing of tea and coffee

10831 Processing of tea and coffee

- decaffeinating and roasting of coffee beans
- production of coffee products:
 - ground coffee
 - soluble coffee
- extracts and concentrates of coffee
- manufacture of coffee substitutes
- blending of tea and maté, manufacture of extracts and preparations based on tea or maté
- manufacture of herb infusions (mint, vervain, chamomile etc.)

Also belong here:

– manufacture of herb infusions

Does not belong here:

manufacture of inulin, see 10621

manufacture of spirits, beer, wine and soft drinks, see division 11

preparation of botanical products for pharmaceutical use, see 21201

1084 Manufacture of condiments and seasonings

10841 Manufacture of condiments and seasonings

- manufacture of spices, sauces and condiments:
 - mayonnaise
 - mustard flour and meal
 - prepared mustard etc.
 - ketchup and tomato sauces
 - soy sauces
 - crushed or ground spices (e.g. pepper, paprika, cinnamon)
- manufacture of vinegar substitutes made of vinegar and acetic acid
- processing of salt into food-grade salt, e.g. iodised salt

Also belong here:

– manufacture of aromatic bitters

– manufacture of sauces

Does not belong here:

growing of spice crops, see 01281

1085 Manufacture of prepared meals and dishes

10851 Manufacture of prepared meals and dishes

This class includes the manufacture of ready-made (i.e. prepared, seasoned and cooked) meals and dishes that contain at least two distinct ingredients (except seasonings etc). These dishes are processed to preserve them, such as in frozen or canned form, and are usually packaged and labelled for re-sale, i.e. this class does not include the preparation of meals for immediate consumption, such as in restaurants.

- manufacture of meat or poultry dishes
- manufacture of fish dishes, including fish and chips
- manufacture of vegetable dishes
- manufacture of frozen or otherwise preserved pizza
- manufacture of local and national dishes
- manufacture of stuffed farinaceous products (dumplings, vareniki etc)

Does not belong here:

manufacture of fresh foods or foods with less than two ingredients, see corresponding class in division 10

manufacture of perishable prepared foods, see 10891

retail sale of prepared meals and dishes in stores, see 47111, 47291

wholesale of prepared meals and dishes, see 46381

activities of food service contractors, see 56291

1086 Manufacture of homogenised food preparations and dietetic food

10861 Manufacture of homogenised food preparations and dietetic food –

manufacture of foods for particular nutritional uses:

- breast milk substitutes (infant formulae), follow-up milk and other follow-up foods
- baby foods
- low-energy and energy-reduced foods intended for weight control
- dietary foods for special medical purposes
- low-sodium foods, including low-sodium or sodium-free dietary salts
- gluten-free foods
- foods intended to meet the expenditure of intense muscular effort, especially for sportsmen
- foods for persons suffering from carbohydrate metabolism disorders (diabetes)

1089 Manufacture of other food products n.e.c.

10891 Manufacture of other food products n.e.c.

- manufacture of perishable prepared foods, such as sandwiches, fresh (uncooked) pizza
- manufacture of soups and broths
- manufacture of extracts and juices of meat, fish, crustaceans or molluscs
- manufacture of fondue cheeses
- manufacture of egg products, egg albumin
- manufacture of protein concentrates and textured protein substances
- manufacture of juices and extracts from plants
- manufacture of pectin, mucilage and thickeners (e.g. agar-agar)
- manufacture of malt extract
- manufacture of yeasts (active and inactive)
- manufacture of mixtures of alcoholic products to prepare beverages (except aroma-based)
- manufacture of artificial concentrates
- manufacture of artificial honey and caramel
- manufacture of milk and cheese substitutes

- manufacture of flavoured or coloured syrups
- manufacture of food supplements and other food products n.e.c.

Also belong here:

- manufacture of egg powder and egg mass
- manufacture of finished baking powder
- manufacture of food containing vitamin supplements, protein,

etc. **Does not belong here:**

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manufacture of perishable prepared foods of fruit and vegetables, see 10391

manufacture of frozen pizza, see 10851

manufacture of spirits, beer, wine and soft drinks, see division 11

109 Manufacture of prepared animal feeds

1091 Manufacture of prepared feeds for farm animals

10911 Manufacture of prepared feeds for farm animals

- manufacture of prepared feeds for farm animals, including concentrated animal feed and feed supplements
- preparation of unmixed (single) feeds for farm animals
- treatment of slaughter waste to produce animal feeds
- manufacture of lucern meal and pellets

Does not belong here:

production of fishmeal for animal feed, see 10201

production of oilseed cake, see 10411

activities resulting in by-products usable as animal feed without special treatment, e.g. oilseeds (see 10411), grain milling residues (see 10611) etc

1092 Manufacture of prepared pet foods

10921 Manufacture of prepared pet foods

- manufacture of prepared feeds for pets, including dogs, cats, birds, fish etc.
- treatment of slaughter waste to produce animal feeds

Does not belong here:

production of fishmeal for animal feed, see 10201

production of oilseed cake, see 10411

activities resulting in by-products usable as animal feed without special treatment, e.g. oilseed cakes (see 10411), grain milling residues (see 10611) etc.

11 Manufacture of beverages

Manufacture of beverages, such as non-alcoholic beverages and mineral water, manufacture of alcoholic beverages mainly through fermentation, beer and wine, and the manufacture of distilled alcoholic beverages.

110 Manufacture of beverages

1101 Distilling, rectifying and blending of spirits

11011 Distilling, rectifying and blending of spirits

- manufacture of distilled, potable, alcoholic beverages: whisky, brandy, gin, liqueurs etc.)
- manufacture of drinks mixed with distilled alcoholic beverages
- blending of distilled spirits
- manufacture of synthetic ethyl alcohol (alcohol content less than 80 per cent by volume)

Also belong here:

- manufacture of rum, cognac, vodka, and tequila

Does not belong here:

manufacture of non-distilled alcoholic beverages, see 1102 to 1106

manufacture of synthetic ethyl alcohol, see 20141
manufacture of ethyl alcohol from fermented materials, see 20141
merely bottling and labelling, see 46341 (if performed as part of wholesale) and 82921 (bottling and labelling on a fee or contract basis)

1102 Manufacture of wine from grape

11021 Manufacture of wine from grape

- manufacture of wine
- manufacture of sparkling wine
- manufacture of wine from concentrated grape must
- blending, purification and bottling of wine
- manufacture of low or non-alcoholic wine

Does not belong here:

merely bottling and labelling, see 46341 (if performed as part of wholesale) and 82921 (bottling and labelling on a fee or contract basis)

1103 Manufacture of cider and other fruit wines

11031 Manufacture of cider and other fruit wines

- manufacture of fermented but not distilled alcoholic beverages: sake, cider, perry and other fruit wines
- manufacture of mead and mixed beverages containing fruit wines

Does not belong here:

merely bottling and labelling, see 46341 (if performed as part of wholesale) and 82921 (bottling and labelling on a fee or contract basis)

1104 Manufacture of other non-distilled fermented beverages

11041 Manufacture of other non-distilled fermented beverages

- manufacture of vermouth and the like

Does not belong here:

merely bottling and labelling, see 46341 (if performed as part of wholesale) and 82921 (bottling and labelling on a fee or contract basis)

1105 Manufacture of beer

11051 Manufacture of beer

- manufacture of malt liquors, such as beer, ale, porter and stout
- manufacture of low alcohol or non-alcoholic beer

1106 Manufacture of malt

11061 Manufacture of malt

1107 11071

waters, etc.

Does not belong here:

Manufacture of soft drinks; production of mineral waters and other bottled waters *production of fruit and vegetable juice, see 10321*

Manufacture of soft drinks; production of mineral waters and other bottled waters *manufacture of milk-based drinks, see 10519*

– production of natural mineral waters and other bottled waters, whether or not carbonated *manufacture of coffee, tea and maté products, see 1083*

– manufacture of non-alcoholic beverages (except non-alcoholic beer and wine): *manufacture of alcohol-based drinks, see 11011, 11021, 11031, 11041, 11051*

– non-alcoholic flavoured and/or sweetened waters: lemonade, cola, fruit drinks, tonic *manufacture of non-alcoholic wine, see 11021*
manufacture of non-alcoholic beer, see

11051 performed as part of wholesale) and 82921
manufacture of ice, see 35301 (bottling and labelling on a fee or
merely bottling and labelling, see 46341 (if contract basis)

12 Manufacture of tobacco products

This division includes the processing of an agricultural product, tobacco, into a form suitable for final consumption.

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120 Manufacture of tobacco products

1200 Manufacture of tobacco products

12001 Manufacture of tobacco products

- manufacture of tobacco products and products of tobacco substitutes: cigarettes, fine cut tobacco, cigars, pipe tobacco, chewing tobacco, snuff
- manufacture of “homogenised” or “reconstituted” tobacco
- stemming and redrying of tobacco

Does not belong here:

growing or preliminary processing of tobacco, see 01151, 01631

13 Manufacture of textiles

This division includes preparation and spinning of textile fibres as well as textile weaving, finishing of textiles and wearing apparel, manufacture of made-up textile articles, except apparel (e.g. household linen, blankets, rugs, cordage etc). Growing of natural fibres is covered under division 01, while manufacture of synthetic fibres is a chemical process classified in class 2060. Manufacture of wearing apparel is covered in division 14.

131 Preparation and spinning of textile fibres

1310 Preparation and spinning of textile fibres

13101 Preparation and spinning of textile fibres

This class includes preparatory operations on textile fibres and the spinning of textile fibres. This can be done from varying raw materials, such as silk, wool, other animal, vegetable or man-made fibres, paper or glass etc.

- preparatory operations on textile fibres:
 - unspinning and washing silk
 - degreasing and carbonising of wool and dyeing of wool fleece
 - carding and combing of all kinds of animal, vegetable and man-made fibres
- spinning and manufacture of yarn or thread for weaving or sewing, for the trade or for further processing:
 - scutching of flax
 - texturising, twisting, folding, cabling and dipping of synthetic or artificial filament yarns
 - manufacture of paper yarn

Does not belong here:

preparatory operations carried out in combination with agriculture, see division 01

retting of plants bearing vegetable textile fibres (jute, flax, coir etc.), see 01161

cotton ginning, see 01631

manufacture of synthetic or artificial fibres and tows, manufacture of single yarns (including high-tenacity yarn and yarn for carpets) of synthetic or artificial fibres, see 20601

manufacture of glass fibres, see 23141

132 Weaving of textiles

1320 Weaving of textiles

13201 Weaving of textiles

This class includes weaving of textiles. This can be done from varying raw materials, such as silk, wool, other animal, vegetable or man-made fibres, paper or glass etc.

- manufacture of broad woven cotton-type, woollen-type, worsted-type or silk-type fabrics, including from mixtures or artificial or synthetic yarns

(polypropylene etc)

- manufacture of other broad woven fabrics, using flax, ramie, hemp, jute, bast fibres and special yarns
- manufacture of woven pile or chenille fabrics, terry towelling, gauze etc.
- manufacture of woven fabrics of glass fibres
- manufacture of woven carbon and aramid threads
- manufacture of imitation fur by weaving

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Does not belong here:

manufacture of knitted and crocheted fabrics, see 13911
manufacture of textile floor coverings, see 13931
manufacture of narrow fabrics, see 13961
manufacture of felts, see 13991

133 Finishing of textiles

1330 Finishing of textiles

13301 Finishing of textiles

This class includes finishing of textiles and wearing apparel, i.e. bleaching, dyeing, dressing and similar activities.

- bleaching and dyeing of textile fibres, yarns, fabrics and textile articles, including wearing apparel
- dressing, drying, steaming, shrinking, mending, sanforising, mercerising of textiles and textile articles, including wearing apparel
- bleaching of jeans
- pleating and similar work on textiles
- waterproofing, coating, rubberising, or impregnating purchased garments
- silk–screen printing on textiles and wearing apparel

Also belong here:

- *printing of labels on textile*
- *printing of pictures on textile*

Does not belong here:

manufacture of textile fabric impregnated, coated, covered or laminated with rubber, where rubber is the chief constituent, see 22199

139 Manufacture of other textiles

This group includes the manufacture of products produced from textiles, except wearing apparel, such as made–up textile articles, carpets and rugs, rope, narrow woven fabrics, trimmings etc.

1391 Manufacture of knitted and crocheted fabrics

13911 Manufacture of knitted and crocheted fabrics

- manufacture and processing of knitted or crocheted fabrics:
- pile and terry fabrics
- net and window furnishing type fabrics knitted on Raschel or similar machines
- other knitted or crocheted fabrics
- manufacture of imitation fur by knitting

Does not belong here:

net and window furnishing type fabrics knitted on Raschel or similar machines, see 13991
manufacture of knitted and crocheted apparel, see 14391

1392 Manufacture of made–up textile articles, except apparel

13921

Manufacture of furnishing articles, incl. bedspreads, kitchen towels, curtains, valances and other blinds
– manufacture, of made–up articles of any textile material, including of knitted or crocheted fabrics:

- blankets, including travelling rugs
- bed, table, toilet or kitchen linen
- quilts, eiderdowns, cushions, pouffes, pillows, sleeping bags etc. – manufacture of made–up furnishing articles:
- curtains, valances, blinds, bedspreads, furniture or machine covers etc.

Also belong here:

– manufacture of textile bolsters

*manufacture of valances for medical use,
see 32509*

Does not belong here:

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13929 Manufacture of other made-up textile articles

- manufacture of tarpaulins, tents, camping goods, sails, sunblinds, loose covers for cars, machines or furniture etc.
- manufacture of flags, banners, pennants etc.
- manufacture of dust cloths, dishcloths and similar articles, life jackets, parachutes etc.
- manufacture of the textile part of electric blankets
- manufacture of hand-woven tapestries
- manufacture of bags for packaging goods
- manufacture of other ready-made articles (k.a designs for apparel)

Also belong here:

- *manufacture of baby slings*
- *manufacture of ski pole straps*
- *manufacture of polypropylene bags/containers*

Does not belong here:

manufacture of textile articles for technical use, see 13961
repair of tarpaulins, see 33191
repair of tents, see 95291
repair of bags used to package chemicals (e.g. fertilizer bags), see 33191

1393 Manufacture of carpets and rugs

13931 Manufacture of carpets and rugs

- manufacture of textile floor coverings, such as carpets, rugs and mats, tiles
- manufacture of needle-loom felt floor coverings

Also belong here:

- *manufacture of carpets and other floor coverings woven on a loom*
- *manufacture of knotted carpets and other floor coverings*

Does not belong here:

manufacture of mats and matting of plaiting materials, see 16292
manufacture of floor coverings of cork, see 16292
manufacture of resilient floor coverings, such as vinyl, linoleum, see 22239

1394 Manufacture of cordage, rope, twine and netting

13941 Manufacture of cordage, rope, twine and netting

- manufacture of twine, cordage, rope and cables of textile fibres or strip or the like, whether or not impregnated, coated, covered or sheathed with rubber or plastics
- manufacture of knotted netting of twine, cordage or rope
- manufacture of products of rope or netting: fishing nets, ships' fenders, unloading cushions, loading slings, rope or cable fitted with metal rings etc.

Does not belong here:

manufacture of hairnets, see 14191
manufacture of wire rope, see 25931
manufacture of landing nets for sports fishing, see 32301
repair of nets, see 33191

1395 13951

– manufacture of non-woven fabrics (incl. impregnated, coated, covered or laminated)

Manufacture of non-wovens and articles

made from non-wovens, except apparel

Manufacture of non-wovens and articles made from non-wovens, except apparel

Also belong here:

– *manufacture of glued fabric products*

1396 Manufacture of other technical and industrial textiles

13961 Manufacture of other technical and industrial textiles

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- manufacture of narrow woven fabrics, including fabrics consisting of warp without weft assembled by means of an adhesive
- manufacture of labels, badges etc.
- manufacture of ornamental trimmings: braids, tassels, pompons etc. –
- manufacture of fabrics impregnated, coated, covered or laminated with plastics
- manufacture of metallised yarn or metallised gimped yarn, rubber thread and cord covered with textile material, textile yarn or strip covered, impregnated, coated or sheathed with rubber or plastics
- manufacture of tyre cord fabric of high-tenacity man-made yarn
- manufacture of other treated or coated fabrics: buckram and similar stiffened textile fabrics, fabrics coated with gum or amylaceous substances –
- manufacture of mantle fabric, hosepiping, transmission or conveyor belts or belting (whether or not reinforced with metal or other material), bolting cloth, straining cloth
- manufacture of automotive trimmings
- manufacture of artists' canvas boards and tracing cloth

Does not belong here:

manufacture of transmission or conveyor belts of textile fabric, yarn or cord impregnated, coated, covered or laminated with rubber, where rubber is the chief constituent, see 22199

manufacture of plates or sheets of cellular rubber or plastic combined with textiles for reinforcing purposes only, see 22191, 22211

manufacture of cloth of woven metal wire, see 25931

1399 Manufacture of other textiles n.e.c.

13991

Manufacture of textiles n.e.c., incl. the manufacture of tulles and other net fabrics, and of lace and embroidery, in the piece, in strips or in motifs – manufacture of felt[~], including impregnated, coated, covered or laminated felt – manufacture of tulles and other net fabrics, and of lace and embroidery, in the piece, in strips or in motifs

- manufacture of pressure sensitive cloth–tape
- manufacture of shoe–lace, of textiles

- manufacture of powder puffs and mitts
- manufacture of loop yarn and chenille yarn

Also belong here:

- *machine embroidery as a service*

Does not belong here:

manufacture of needle–loom felt floor coverings, see 13931

manufacture of textile wadding and articles of wadding: sanitary towels, tampons etc., see 17221

14 Manufacture of wearing apparel

This division includes all tailoring in all materials of all items of clothing and accessories:

tailoring of outerwear, underwear for men, women or children; work, city or casual clothing of leather, fabric, knitted and crocheted fabrics etc. There is no distinction made between clothing for adults and clothing for children, or between modern and traditional clothing.

Division 14 also includes the fur industry (fur skins and wearing apparel).

141 Manufacture of wearing apparel, except fur apparel

Manufacture of wearing apparel of any kind of material, incl. coated, impregnated or rubberised material.

1411 Manufacture of leather clothes

14111 Manufacture of leather clothes

- manufacture of wearing apparel made of leather or composition leather including leather industrial work accessories as welder's leather aprons

Does not belong here:

manufacture of fur wearing apparel, see 14201

manufacture of leather sports gloves and sports headgear, see 32301

manufacture of fire-resistant and protective safety clothing, see 32991

1412 Manufacture of workwear

14121 Manufacture of workwear

- manufacture of workwear and service apparel uniforms for men and women
- manufacture of workwear and service apparel uniforms for men and women, such as jackets, suits, blazers; trousers, knee-length trousers, shorts, bib-and-brace work overalls
- manufacture of other workwear (e.g. aprons, laboratory coats etc.)

Does not belong here:

manufacture of footwear, see 15201

manufacture of fire-resistant and protective safety clothing, see 32991

repair of wearing apparel, see 95291

1413 Manufacture of other outerwear

14131 Manufacture of other outerwear, including tailoring

manufacture of other outerwear made of woven, knitted or crocheted fabric, non-wovens, etc. for men, women and children:

- coats for men, women, girls and boys
- suits, jackets, blazers trousers, overalls for men and boys
- suits, jackets, uniforms (custom-tailored) for women and girls
- skirts, dresses, trousers, overalls for women and girls
- anoraks, light coats, capes etc.
- manufacture of accessories for these products
- custom tailoring, made to order

Also belong here:

– re-sewing used clothes

– custom tailoring

Does not belong here:

manufacture of fur wearing apparel, see 14201

manufacture of wearing apparel of rubber or plastics not assembled by stitching but merely sealed together, see 2219, 2224

manufacture of fire-resistant and protective safety clothing, see 32991

repair of wearing apparel, see 95291

1414 Manufacture of underwear

14141

Manufacture of underwear, incl. the manufacture, of T-shirts, shirts, dressing gowns, nightdresses etc

– manufacture of underwear and nightwear made of woven, knitted or crocheted fabric, lace, etc. for men, women and children:

– shirts, T-shirts, blouses

– underpants, briefs, pyjamas, nightdresses, dressing gowns, slips, underskirts – brassieres, garters, corsets etc.

Does not belong here:

repair of wearing apparel, see 95291

1419 Manufacture of other wearing apparel and accessories

14191 Manufacture of headgear, including of fur

- manufacturing hat bases and hat felt of felt or other materials
- manufacture of hats and caps
- manufacture of hairnets
- manufacture of fur headgear
- manufacture of hat lining, covers, bases, carcasses and headbands, hat visors and jaw straps for headgear

Does not belong here:

manufacture of sports headgear, see 32301

manufacture of safety headgear (except sports headgear), see 32991

14199 Manufacture of other wearing apparel and accessories

- manufacture of babies' garments (up to the height of 86 cm) and accessories (incl. nappies)
- manufacture of tracksuits, ski suits, swimwear etc.
- manufacture of clothing accessories (e.g. knitted or crocheted gloves and mittens, fingerless gloves, belts, scarfs, shawls, ties, cravats and handkerchiefs etc.)
- manufacture of clothing accessories
- manufacture of gloves and mittens and fingerless gloves made of leather or composition leather
- manufacture of belts, shoulder straps and other clothing accessories made of leather or composition leather
- manufacture of footwear of textile material without applied soles
- manufacture of parts of the products listed

Also belong here:

- *manufacture of pet clothes*

Does not belong here:

- manufacture of fire-resistant and protective safety clothing, see 32991*
- repair of wearing apparel, see 95291*

142 Manufacture of articles of fur**1420 Manufacture of articles of fur****14201 Manufacture of articles of fur (excluding hats and gloves)**

- manufacture of fur wearing apparel and clothing accessories
- assemblies of fur skins such as "dropped" fur skins, plates, mats, strips, etc.
- manufacture of diverse articles of fur skins (e.g. rugs, unstuffed pouffes), industrial polishing cloths

Also belong here:

- *furrier works*
- *manufacture of fur carpets*
- *manufacture of artificial fur products*

Does not belong here:

- production of raw fur skins, see 014, 01700*
- production of raw hides and skins, see 10111*
- manufacture of imitation furs (long-hair cloth obtained by weaving or knitting), see 1320, 1391*
- manufacture of fur hats, see 14191*
- manufacture of apparel trimmed with fur, see 14191*
- dressing and dyeing of fur, see 15111*
- manufacture of boots or shoes containing fur parts, see 15201*

143 Manufacture of knitted and crocheted apparel**1431 Manufacture of knitted and crocheted hosiery****14311 Manufacture of knitted and crocheted hosiery**

- manufacture of hosiery (e.g. pantyhose, tights, full-length or knee-length hosiery and other hosiery)
- manufacture of socks

1439 Manufacture of other knitted and crocheted apparel

- 14391** manufacture of knitted and crocheted pullovers, cardigans, etc. – manufacture of knitted and crocheted pullovers, cardigans, jerseys, waistcoats, sweatshirts, etc.

Does not belong here:

- manufacture of knitted and crocheted fabrics, see 13911*
- manufacture of hosiery, see 14311*

15 Manufacture of leather and related products

This division includes dressing and dyeing of fur and the transformation of hides into leather by tanning or curing and fabricating the leather into products for final consumption. It also includes the manufacture of similar products from other materials (imitation leathers or leather substitutes), such as rubber footwear, textile luggage etc., by using the same production technology and producing in the same unit.

151

Tanning and dressing of leather; manufacture of luggage, handbags, saddlery and harness; dressing and dyeing of fur This group includes the manufacture of leather and fur and products thereof.

1511 Tanning and dressing of leather; dressing and dyeing of fur

15111 Tanning and dressing of leather; dressing and dyeing of fur –

- tanning, dyeing and dressing of hides and skins
- manufacture of chamois dressed, parchment dressed, patent or metallised leathers
- manufacture of composition leather (based on natural leather or leather fibres)
- scraping, currying, tanning, bleaching, shearing, plucking and dyeing of fur skins and hides with the hair

Does not belong here:

production of hides and skins as part of ranching, see 014

production of hides and skins as part of slaughtering, see 10111

manufacture of leather apparel, see 14111

manufacture of imitation leather not based on natural leather, see 22199, 22291

1512 Manufacture of luggage, handbags and the like, saddlery and harness

15121 Manufacture of luggage, handbags and the like

- manufacture of luggage, handbags, cosmetic bags, attaché cases, backpacks, tool bags, musical instrument cases and the like of leather, composition leather and other material (e.g. plastic sheeting, textile materials, vulcanised fibre or paperboard)

15122 Manufacture of saddlery and harness

- manufacture of saddlery and harness (e.g. traces, reins, knee guards, muzzles, saddle covers and bags, dog coats, etc.) of any material

15129 Manufacture of other articles of leather

- manufacture of non-metallic watch bands (e.g. fabric, leather, plastic) –
- manufacture of diverse articles of leather or composition leather (based on natural leather or leather fibres): driving belts, packings, etc
- manufacture of shoe-lace, of leather
- manufacture of horse whips and riding crops

Also belong here:

– manufacture of leather bookcases

– manufacture of leather and imitation leather photo frames

Does not belong here:

manufacture of leather wearing apparel, see 14111

manufacture of leather gloves and hats, see 14199

manufacture of footwear, see 15201

manufacture of saddles for bicycles, see 30921

manufacture of precious metal watch bands, see 32121

manufacture of non-precious metal watch bands, see 32131

manufacture of linemen's safety belts and other belts for occupational use, see 32991

152 Manufacture of footwear

1520 Manufacture of footwear

15201 Manufacture of footwear

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- manufacture of footwear for all purposes, of any material, by any process, including moulding:
- waterproof footwear with rubber or plastic outer soles and uppers
- footwear with rubber or plastic outer soles and uppers
- footwear with leather or textile uppers
- manufacture of leather parts of footwear (e.g. uppers and parts of uppers, outer and inner soles, heels, etc.)
- manufacture of gaiters, leggings and similar articles

Also belong here:

- *manufacture of wooden footwear*
- *manufacture of sports footwear*

Does not belong here:

- manufacture of footwear of textile material without applied soles, see 14191*
- manufacture of wooden shoe parts (e.g. heels and lasts), see 16291*
- manufacture of rubber boot and shoe heels and soles and other rubber footwear parts, see 22191*
- manufacture of plastic footwear parts, see 22291*
- manufacture of ski-boots, see 32301*
- manufacture of orthopaedic shoes, see 32501*

16

Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials

Manufacture of wood products, such as lumber, plywood, veneers, wood containers, wood flooring, wood trusses, and prefabricated wood buildings. The production processes include sawing, planing, shaping, laminating, and assembling of wood products starting from logs that are cut into bolts, or lumber that may then be cut further, or shaped by lathes or other shaping tools, planing and smoothing of wood and assembly into finished products.

With the exception of sawmilling, this division is subdivided mainly based on the specific products manufactured. This division does not include the manufacture of furniture (310), or the installation of wooden fittings and the like (43321, 43329, 43331, 43391).

161 Sawmilling and planing of wood

1610 Sawmilling and planing of wood

16101 Manufacture of sawn timber

- sawing, planing and machining of wood
- slicing, peeling or chipping logs
- manufacture of wooden railway sleepers
- manufacture of unassembled wooden flooring

Also belong here:

- *manufacture of timber with a constant profile*

Does not belong here:

- logging and production of wood in the rough, see 0220*
- manufacture of veneer sheets thin enough for use in plywood, boards and panels, see 16211*

16102 Drying of wood, impregnation or chemical treatment of wood – drying of wood

- impregnation or chemical treatment of wood with preservatives or other materials

16109

Manufacture of other wood treatment articles, inc chips, particles, wood wool etc

– manufacture of wood wool, wood flour, chips, particles

– *manufacture of lengthways unsawn stakes, columns, and pales with sharpened ends*

Also belong here:

– *manufacture of chopped strands*

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beadings and mouldings, see 16239
manufacture of fire logs or pressed wood, see 16291

162

Does not belong here:

manufacture of shingles and shakes,

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

1621 Manufacture of veneer sheets and wood-based panels

16211 Manufacture of veneer sheets and plywood

- manufacture of veneer sheets thin enough to be used for veneering, making plywood or other purposes
- manufacture of plywood, veneer panels and similar laminated wood boards and sheets

16212 Manufacture of particle boards and fibreboard

- manufacture of particle boards and the like:
 - oriented strand board (OSB)
 - wafer board
 - board, whether or not agglomerated with resins or other organic binding substances
 - board, surface-covered with decorative laminates of plastics
 - other particle board
- manufacture of fibreboard and the like:
 - medium density fibreboard (MDF- board),
–bonded with resins or other organic substances
 - other fibreboard

16219 Manufacture of other fibreboard

- manufacture of densified wood, in blocks, plates, strips or profile shapes
- manufacture of glue laminated wood, laminated veneer wood

Does not belong here:

manufacture of glue-laminated and metal connected, ready-made wooden roof trusses, see 16231

1622 Manufacture of assembled parquet floors

16221 Manufacture of assembled parquet floors

- manufacture of wooden parquet floor blocks, strips etc., assembled into panels

Does not belong here:

manufacture of unassembled wooden flooring, see 16101

1623 Manufacture of other builders' carpentry and joinery

16231 16232

Manufacture of wooden doors, windows, shutters and frames thereof (including gates)

– manufacture of wooden windows, shutters and their frames (incl. whether or not containing metal fittings, such as hinges, locks, etc.)

– manufacture of wooden doors, door frames and sills (incl. whether or not containing metal fittings, such as hinges, locks, etc.)

– manufacture of glue-laminated and metal connected, ready-made wooden roof trusses

Also belong here:

– *manufacture of glued laminated timber and laminated veneer lumber – manufacture of sliding doors with a melamine, veneer, and MDF frame*

Does not belong here:

installation of wooden self-manufactured windows, window frames, doors, doorframes, etc., see 43321

Manufacture of prefabricated wooden buildings (e.g. saunas, summerhouses, houses) or elements thereof

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– manufacture of prefabricated wooden buildings (e.g. saunas, summerhouses, houses) or elements thereof

– manufacture of mobile homes

Also belong here:

– *manufacture of wooden bathing tubes*

Does not belong here:

assembly and installation of prefabricated wooden buildings on site, see 41201

16239 Manufacture of other builders' joinery and carpentry of wood –

manufacture of beams, rafters, roof struts

– manufacture of glue-laminated and metal connected, prefabricated wooden roof trusses

– manufacture of steps and banisters

– manufacture of wood partitions (except free standing partitions as furniture elements)

– manufacture of shingles and shakes

– manufacture of shuttering for concrete constructional work

Does not belong here:

manufacture of kitchen cabinets, bookcases, wardrobes etc., see 31011, 31021, 31091

manufacture of wood partitions, free standing, see 31011, 31021, 31091

installation of wooden prefabricated builders' joinery and carpentry of wood., see 43321

1624 Manufacture of wooden containers

16241 Manufacture of wooden containers and pallets

- manufacture of packing cases, boxes, crates, drums and similar packings of wood
- manufacture of flat and edged pallets, box pallets and other load boards of wood
- manufacture of barrels, vats, tubs and other coopers' products of wood
- manufacture of wooden cable–drums

Does not belong here:

manufacture of luggage, see 15121

manufacture of cases of plaiting material, see 16292

1629

Manufacture of other products of wood,

manufacture of articles of cork, straw and plaiting materials

16291 Manufacture of wooden articles and ornaments

- manufacture of wooden handles and bodies for tools
- manufacture of wooden handles and bodies for brushes and brooms
- manufacture of household utensils and kitchenware of wood
- manufacture of wooden statuettes and ornaments, wood parquetry, inlaid wood
- manufacture of wooden cases for jewellery, cutlery and similar articles
- manufacture of wooden spools, cops, bobbins, sewing thread reels and similar articles of turned wood
- manufacture of clothes hangers
- manufacture of wooden mirror and picture frames
- manufacture of frames for artists' canvases
- manufacture of wooden boot or shoe lasts and trees
- manufacture of wooden shoe parts (e.g. heels and lasts)
- manufacture of handles for umbrellas, canes and similar
- manufacture of blocks for the manufacture of smoking pipes
- manufacture of fire logs and pellets, briquettes or granules for energy, made of agglomerated wood and wood waste or substitute materials (e.g. coffee or soybean grounds)
- manufacture of other wood products

Also belong here:

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- *manufacture of wooden household utensils, kitchen utensils, and pegs for clothes and hat racks*
- *manufacture of incense sticks*

Does not belong here:

manufacture of coffins, see 32991

manufacture of luggage, see 15121

manufacture of wooden footwear, see 15201

manufacture of matches, see 20511

manufacture of clock cases, see 26521

manufacture of wooden spools and bobbins that are part of textile machinery, see 28941

manufacture of furniture, see 310

manufacture of wooden toys, see 324011

manufacture of brushes and brooms, see 32911

manufacture of coffins, see 32991

16292 Manufacture of articles of wood, cork, straw and plaiting materials –

- natural cork processing, manufacture of agglomerated cork
- manufacture of articles of natural or agglomerated cork, including floor coverings
- manufacture of plaits and products of plaiting materials (e.g. mats, matting, screens, cases, etc.)
- manufacture of basket–ware and wickerwork

Also belong here:

- *manufacture of crushed, granulated, or ground cork*

- manufacture of cover materials for bioroofs (straw, reed)
- manufacture of pressed straw for heating and building (in a production building)

Does not belong here:

- manufacture of mats or matting of textile materials, see 13921*
- manufacture of cork life preservers, see 32991*

17 Manufacture of paper and paper products

Division 17 includes the manufacture of pulp, paper and converted paper products. The manufacture of these products is grouped together because they constitute a series of vertically connected processes. More than one activity is often carried out in a single unit. There are essentially three activities: the manufacture of pulp involves separating the cellulose fibres from other matter in wood, or dissolving and de-inking of used paper, and mixing in small amounts of reagents to reinforce the binding of the fibres. The manufacture of paper involves releasing pulp onto a moving wire mesh so as to form a continuous sheet. Converted paper products are made from paper and other materials by various techniques.

The paper articles may be printed (e.g. wallpaper, gift wrap etc.), as long as the printing of information is not the main purpose.

171 Manufacture of pulp, paper and paperboard

1711 Manufacture of pulp

17111 Manufacture of pulp

- manufacture of bleached, semi-bleached or unbleached paper pulp by mechanical, chemical (dissolving or non-dissolving) or semi-chemical processes
- manufacture of cotton-linters pulp
- removal of ink and manufacture of pulp from waste paper

1712 Manufacture of paper and paperboard

17121 Manufacture of paper and paperboard

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- further processing of paper and paperboard:
- coating, covering and impregnation of paper and paperboard
- manufacture of creped or crinkled paper
- manufacture of laminates and foils, if laminated with paper or paperboard
- manufacture of handmade paper
- manufacture of kraft paper
- manufacture of tarred, bituminized or asphalted paper or paperboard
- manufacture of paper and paperboard coated, impregnated or covered with plastics
- manufacture of newsprint and other printing or writing paper
- manufacture of cellulose wadding and webs of cellulose fibres
- manufacture of carbon paper or stencil paper in rolls or large sheets
- manufacture of uncoated kraft paper and paperboard, such as sack and creped kraft paper
- manufacture of vegetable parchment paper, greaseproof papers, tracing papers and glassine and other glazed transparent or translucent papers
- manufacture of cigarette paper, not cut to size

Also belong here:

- *manufacture of copying paper, carbonless copy paper*

Does not belong here:

- manufacture of corrugated paper and paperboard, see 17211*
- manufacture of further-processed articles of paper, paperboard or pulp, see 17221, 17231, 17241, 17291*

manufacture of coated or impregnated paper, where the coating or impregnant is the main ingredient, see class in which the manufacture of the coating or impregnant is classified
manufacture of abrasive paper, see 23911

172 Manufacture of articles of paper and paperboard

1721 17211

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

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

- manufacture of corrugated paper and paperboard
- manufacture of containers of corrugated paper or paperboard – manufacture of folding paperboard containers

- manufacture of containers of solid board
- manufacture of other containers of paper and paperboard, including record sleeves
- manufacture of sacks and bags (including cones) of paper – manufacture of card-index boxes, box files, letter trays and other office and business supplies

Does not belong here:

manufacture of envelopes, see 17231
manufacture of moulded or pressed articles of paper pulp (e.g. boxes for packing eggs, moulded pulp paper plates), see 17291

1722 Manufacture of household and sanitary goods and of toilet requisites

17221

Manufacture of household and sanitary goods, including manufacture of textile wadding and articles of wadding

- manufacture of household and personal hygiene paper and cellulose wadding products:
- cleansing tissues and cloths
- handkerchiefs and towels (incl. cosmetic facial tissues), table linen of paper and

serviettes

- toilet paper
- sanitary towels and tampons, paper diapers and napkins, clothes and clothing accessories made of paper
- cups, dishes and trays of paper or paperboard
- manufacture of textile wadding and articles of wadding (e.g. sanitary towels, tampons, diapers and similar sanitary articles)

40 EMTAK 2008 explanatory notes

Does not belong here:

manufacture of cellulose wadding, see 17121

1723 Manufacture of paper stationery

17231 Manufacture of paper stationery

- manufacture of printing and writing paper ready for use
- manufacture of computer printout paper ready for use
- manufacture of self-copy paper ready for use
- manufacture of duplicator stencils and carbon paper ready for use
- manufacture of gummed or adhesive paper ready for use
- manufacture of educational and commercial stationery (e.g. notebooks, diaries, registers, accounting books, note books, order books, receipt books, binders, etc.) when the printed information is not the main characteristic
- manufacture of envelopes and letter-cards, plain postcards and correspondence cards
- manufacture of boxes, pouches, wallets and writing compendiums containing an assortment of paper stationery

Does not belong here:

printing on paper products, see 181

1724 Manufacture of wallpaper

17241 Manufacture of wallpaper

- manufacture of wallpaper and similar wall coverings, including vinyl-coated and textile wallpaper
- manufacture of window transparencies of paper

Does not belong here:

manufacture of paper or paperboard in bulk, see 17121
manufacture of plastic wallpaper, see 22291

1729 Manufacture of other articles of paper and paperboard

17291 Manufacture of other articles of paper and paperboard

- manufacture of labels
- manufacture of filter paper and paperboard
- manufacture of paper and paperboard bobbins, spools, cops etc –
- manufacture of cigarette paper in the form of booklets, tubes or rolls –
- manufacture of egg trays and other moulded pulp packaging products etc. –
- manufacture of paper novelties
- manufacture of paper or paperboard cards for use on Jacquard machines
- manufacture of floor coverings on paper or paperboard base

Does not belong here:

manufacture of playing cards, see 32401

manufacture of games and toys of paper or paperboard, see

3240118 Printing and reproduction of recorded media

41 EMTAK 2008 explanatory notes

This division includes printing of products, such as newspapers, books, periodicals, business forms, greeting cards, and other materials, and associated support activities, (e.g. bookbinding, plate-making services, and data imaging) that are necessary for manufacturing a product (a printing plate, a bound book, or a computer disk or file) of printing industry.

Processes used in printing include a variety of methods for transferring an image from a plate, screen or computer file to a medium, such as paper, plastics, metal, textile articles, or wood. The most prominent of these methods entails the transfer of the image from a plate or screen to the medium through lithographic, gravure, screen or flexographic printing. Often a computer file is used to directly "drive" the printing mechanism to create the image or electrostatic and other types of equipment (digital or non-impact printing).

Though printing and publishing can be carried out by the same unit (a newspaper, for example), it is less and less the case that these distinct activities are carried out in the same physical location.

This division also includes the reproduction of recorded media, such as compact discs, video recordings, software on discs or tapes, records etc. This division excludes publishing activities (see section J).

181 Printing and service activities related to printing

This group includes printing of products, such as newspapers, books, periodicals, business forms, greeting cards, and other materials, and associated support activities, such as bookbinding, plate-making services, and data imaging. Printing can be done using various techniques and on different materials.

1811 Printing of newspapers

18111 Printing of newspapers

– printing of newspapers and other periodicals, appearing at least four times a week

Does not belong here:

publishing of printed matter, see 581

photocopying of documents, see 8219

1812 Other printing

18121 Printing of books

The material printed is typically copyrighted.

– printing of books and brochures

Does not belong here:

publishing of books and brochures, see 58111

18122

Printing of periodicals, commercial catalogues, advertising materials, commercial documents and other office articles

The material printed is typically copyrighted.
– printing of magazines and other periodicals, appearing less than four times a week

– printing of commercial advertising, goods catalogues, advertising catalogues,

prospectuses and other printed advertising
– printing of postage stamps, taxation stamps and similar stamps, documents of title, cheques and other security papers and smart cards

– printing of registers, albums, diaries, calendars, commercial documents and other commercial printed matter and personal stationery

Does not belong here:

publishing of printed matter, see 5811

18129 Printing n.e.c., including silk–screen printing

42 EMTAK 2008 explanatory notes

The material printed is typically copyrighted.

– printing of musical notes and scores, maps, atlases and posters
– other printing by letterpress, offset, photogravure and screen printing, flexographic and other printing presses, duplication machines, computer printers, embossers, etc.
– printing directly onto textiles, plastic, glass, metal, wood and ceramics
– printing on labels or tags

Also belong here:

– *printing, coding access cards*

– *printing paper home supplies*

– *printing on company presents (excluding printing on textile, see also 13301)*

Does not belong here:

silk–screen printing on textiles and wearing apparel, see 13301

publishing of printed matter, see 581

1813 Pre–press and pre–media services

18131 Pre–press and pre–media services

– composing, typesetting, phototypesetting, pre–press data input including scanning and optical character recognition, electronic make–up
– preparation of data files for multi–media (printing on paper, CD–ROM, Internet) applications
– plate–making services including image setting and plate setting (for the printing processes letterpress and offset)
– cylinder preparation for gravure printing engraving or etching of cylinders for gravure printing
– preparation of plates: plate processing: “computer to plate” CTP (also photopolymer plates)
– preparation of plates and dyes for relief stamping or printing

- other preparation
- artistic works of technical character, such as preparation of lithographic stones and wood blocks
- presentation media, e.g. overhead foils and other digital forms of presentation
- layouts, sketches, dummies, etc.
- production of proofs

Also belong here:

- *manufacture of copying products*
- *manufacture of presentation mediums*

Does not belong here:

specialised design activities, see 74101

1814 Binding and related services

18141 Binding and related services

- trade binding, sample mounting and post press services in support of printing activities, e.g. trade binding and finishing of books, brochures, magazines, catalogues, etc., by folding, cutting and trimming, assembling, stitching, thread sewing, adhesive binding, cutting and cover laying, gluing, collating, basting, gold stamping; spiral binding and plastic wire binding
- binding and finishing of printed paper or printed cardboard, by folding, stamping, drilling, punching, perforating, embossing, sticking, gluing, laminating
- finishing services for CD-ROMs
- mailing finishing services such as customisation, envelope preparation – other finishing activities such as dye, sinking or stamping, Braille copying

Also belong here:

- *restoration of books*

182 Reproduction of recorded media

1820 Reproduction of recorded media

43 EMTAK 2008 explanatory notes

18201 Reproduction of recorded media

- reproduction from master copies of gramophone records, compact discs and tapes with music or other sound recordings
- reproduction from master copies of records, compact discs and tapes with motion pictures and other video recordings
- reproduction from master copies of software and data on discs and tapes

Does not belong here:

reproduction of printed matter, see 18111, 18121, 18122

publishing of software, see 582

production and distribution of motion pictures, video tapes and movies on DVD or similar media, see 59111, 59121, 59131

reproduction of motion picture film for theatrical distribution, see 59121

production of master copies for records or audio material, see 59201

19 Manufacture of coke and refined petroleum products Division 19 includes the transformation of crude petroleum and coal into usable products. The dominant process is petroleum refining, which involves the separation of crude petroleum into component products through such techniques as cracking and distillation.

This division also includes the manufacture for own account of characteristic products (e.g. coke, butane, propane, petrol, kerosene, fuel oil etc.) as well as processing services (e.g. custom refining). This division includes the manufacture of gases such as ethane, propane and butane as products of petroleum refineries.

Not included is the manufacture of industrial gases (20111), extraction of natural gas (methane, ethane, butane or propane) (06201), manufacture of fuel gas, other than petroleum gases (e.g. coal gas, water gas, producer gas,

gasworks gas) (35211) and manufacture of such gases in other units (20141). The manufacture of petrochemicals from refined petroleum is classified in division 20.

191 Manufacture of coke oven products

1910 Manufacture of coke oven products

19101 Manufacture of coke oven products

- operation of coke ovens
- production of coke and semi-coke
- production of pitch and pitch coke
- production of coke oven gas
- production of coal, lignite or peat tars
- agglomeration of coke

Does not belong here:

manufacture of coal fuel briquettes, see 19201

192 Manufacture of refined petroleum products

1920 Manufacture of refined petroleum products

19201 Manufacture of refined petroleum products (including peat briquettes)

44 EMTAK 2008 explanatory notes

This class includes the manufacture of liquid or gaseous fuels or other products from crude petroleum, bituminous minerals or their fractionation products.

Petroleum refining involves one or more of the following activities:

fractionation; straight distillation of crude oil; and cracking.

- production of motor fuel: gasoline, kerosene etc.
- manufacturing of plane and jet fuel
- production of fuel: light, medium and heavy fuel oil, refinery gases such as ethane, propane, butane etc.
- manufacture of oil-based lubricating oils or greases, including from waste oil
- manufacture of products for the petrochemical industry and for the manufacture of road coverings
- manufacture of various products: white spirit, vaseline, paraffin wax, petroleum jelly etc.
- manufacture of petroleum briquettes
- manufacturing of petroleum coke and bitumen
- blending of biofuels, i.e. blending of alcohols with petroleum (e.g. gasohol)
- manufacture of peat briquettes
- manufacture of hard-coal and lignite fuel briquettes

Also belong here:

- *manufacture of ready-made fuel oil*

20 Manufacture of chemicals and chemical products This division includes the transformation of organic and inorganic raw materials by a chemical process and the formation of products. It distinguishes the production of basic chemicals that constitute the first industry group from the production of intermediate and end products produced by further processing of basic chemicals that make up the remaining industry classes.

201

Manufacture of basic chemicals, fertilisers and nitrogen compounds, plastics and synthetic rubber in primary forms

This group includes the manufacture of basic chemical products, fertilisers and associated nitrogen compounds, as well as plastics and synthetic rubber in primary forms.

2011 Manufacture of industrial gases

20111 Manufacture of industrial gases

- manufacture of liquefied or compressed inorganic industrial or medical gases:
- elemental gases
- liquid or compressed air
- refrigerant gases
- mixed industrial gases
- inert gases such as carbon dioxide
- isolating gases

Does not belong here:

extraction of methane, ethane, butane or propane, see 06201

manufacture of fuel gases such as ethane, butane or propane in a petroleum refinery, see 19201

manufacture of gaseous fuels from coal, waste etc., see 35211

2012 Manufacture of dyes and pigments

20121 Manufacture of dyes and pigments

- manufacture of dyes and pigments from any source in basic form or as concentrate
- manufacture of zinc oxide and peroxide, titanium, chromic, manganic, lead and copper oxide
- manufacture of earth colours and other metal oxides, hydroxides and peroxides
- manufacture of organic synthetic colouring agents
- manufacture of inorganic products used as fluorescent brightening agents or as luminophores

45 EMTAK 2008 explanatory notes

Also belong here:

– manufacture of tanning extracts of vegetable origin, tannins and their salts, ethers, esters, and other derivatives

– manufacture of egg dyes

Does not belong here:

manufacture of prepared dyes and pigments, see 20301

2013 Manufacture of other organic basic chemicals

20131 Manufacture of other organic basic chemicals

This class includes the manufacture of chemicals using basic processes. The outputs of these processes are usually separate chemical elements or separate chemically defined compounds.

- manufacture of chemical elements (except industrial gases and basic metals)
- manufacture of halogen or sulphur compounds of non-metals
- manufacture of alkaline metals and alkaline-earth metals
- manufacture of rare earth metals, scandium or yttrium
- manufacture of mercury
- manufacture of inorganic acids except nitric acid
- manufacture of alkalis, lyes and other inorganic bases except ammonia
- manufacture of other inorganic compounds
- roasting of iron pyrites
- manufacture of distilled water
- manufacture of hydrogen peroxide
- manufacture of phosphides, carbides, hydrides, nitrides, azides, silicides and

- borides, whether or not chemically defined
- manufacture of roasted pyrites
- manufacture of piezoelectric quartz
- enrichment of uranium and thorium ore
- manufacture of radioactive elements, isotopes and compounds

Also belong here:

- *manufacture of silicates*

Does not belong here:

- manufacture of industrial gases, see 20111*
- manufacture of nitrogenous fertilisers and nitrogen compounds, see 20151*
- manufacture of ammonia, see 20151*
- manufacture of ammonium chloride, see 20151*
- manufacture of nitrites and nitrates of potassium, see 20151*
- manufacture of ammonium carbonates, see 20151*
- manufacture of aromatic distilled water, see 20531*
- manufacture of basic metals, see division 24*

2014 manufacture of other organic basic chemicals

20141 manufacture of other organic basic chemicals

46 EMTAK 2008 explanatory notes

This class includes the manufacture of chemicals using basic processes, such as thermal cracking and distillation. The outputs of these processes are usually separate chemical elements or separate chemically defined compounds.

- manufacture of basic organic chemicals:
 - acyclic hydrocarbons, saturated and unsaturated
 - cyclic hydrocarbons, saturated and unsaturated
 - acyclic and cyclic alcohols
 - mono- and polycarboxylic acids, including acetic acid
 - other oxygen-function compounds, including aldehydes, ketones, quinones and dual or poly oxygen-function compounds
 - synthetic glycerol
 - nitrogen-function organic compounds, including amines
 - fermentation of sugarcane, corn or similar to produce alcohol and esters (synthetic ethyl alcohol of an alcoholic strength by volume of 80 % or higher, denatured ethyl alcohol and other spirits)
 - manufacture of gum, wood or sulphate turpentine and other terpenic oils and pine oil produced by the distillation or other treatment of coniferous woods
 - manufacture of rosin and resin acids, and derivatives thereof; rosin spirit and rosin oils; run gums
 - manufacture of wood tar; wood tar oils; wood creosote; wood naphtha; vegetable pitch; brewers' pitch and similar preparations based on rosin, resin acids or on vegetable pitch
 - manufacture of wood charcoal (including shell or nut charcoal), whether or

- not agglomerated
- manufacture of synthetic aromatic products
- distillation of coal tar

Does not belong here:

- manufacture of plastics in primary forms, see 20161*
- manufacture of synthetic rubber in primary forms, see 20171*
- manufacture of crude glycerol, see 20411*
- manufacture of natural essential oils, see 20531*
- manufacture of salicylic and O-acetylsalicylic acids, see 21101*

2015 Manufacture of fertilisers and nitrogen compounds

20151 Manufacture of fertilisers and nitrogen compounds

- manufacture of fertilisers:
- straight or complex nitrogenous, phosphatic or potassic fertilisers – urea, crude natural phosphates and crude natural potassium salts – manufacture of fertilisers of animal or vegetable origin (whether or not mixed together or chemically treated); fertilisers produced by mixing or chemical treatment of animal or vegetable products
- manufacture of associated nitrogen products:
- nitric and sulphonitric acids
- ammonia and ammonia solution
- ammonium chloride
- ammonium carbonate
- nitrites and nitrates of potassium
- manufacture of potting soil mixtures of natural soil, sand, clays and minerals

Does not belong here:

- mining of guano, see 08911*
- manufacture of agrochemical products, such as pesticides, see 20201*
- manufacture of compost of organic fertilizers, see 38211*

2016 Manufacture of plastics in primary forms

20161 Manufacture of plastics in primary forms

47 EMTAK 2008 explanatory notes

This class includes the manufacture of resins, plastics materials and non vulcanisable thermoplastic elastomers, the mixing and blending of resins on a custom basis, as well as the manufacture of non-customised synthetic resins.

- manufacture of plastics in primary forms:
- polymers, including those of ethylene, propylene, styrene, vinyl chloride, vinyl acetate and acrylics
- polyamides
- phenolic and epoxide resins and polyurethanes
- alkyd and polyester resins and polyethers
- silicones
- ion-exchangers based on polymers
- manufacture of cellulose and its chemical derivatives

Does not belong here:

- manufacture of artificial and synthetic fibres, filaments and yarn, see 20601*
- shredding of plastic products, see 38321*

2017 Manufacture of synthetic rubber in primary forms

20171 Manufacture of synthetic rubber in primary forms

- manufacture of synthetic rubber in primary forms: – synthetic rubber factice – manufacture of mixtures of synthetic rubber and natural rubber or rubber-like gums (e.g. balata)

202 Manufacture of pesticides and other agrochemical products

2020 Manufacture of pesticides and other agrochemical products 20201

Manufacture of pesticides and other agrochemical products – manufacture of insecticides, rodenticides, fungicides, herbicides, acaricides, molluscicides and biocides

- manufacture of anti-sprouting products, plant growth regulators
- manufacture of disinfectants (for agricultural and other use)
- manufacture of other agrochemical products n.e.c.

Does not belong here:

manufacture of fertilisers and nitrogen compounds, see 20151

mastics

203 2030

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

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

20301 Manufacture of paints, varnishes and similar coatings, printing ink and mastics –

- manufacture of paints and varnishes, enamels or lacquers
- paints and varnishes based on acrylic and vinyl polymers;
- paints and varnishes based on polyesters;
- manufacture of prepared dyes and pigments, opacifiers;
- manufacture of vitrifiable enamels and glazes and engobes and similar preparations;
- manufacture of glass frit and other glass in powder, granules or flakes; –
- manufacture of prepared pigments for oil paints and varnishes for finishing leather manufacture of prepared driers;
- manufacture of mastics;
- manufacture of caulking compounds and similar non-refractory filling or surfacing preparations, painters' fillings, glaziers' putty, grafting putty; –
- manufacture of organic composite solvents and thinners;
- manufacture of prepared paint or varnish removers;
- manufacture of printing ink;
- manufacture of artists',
- students' or signboard painters' colours

Does not belong here:

manufacture of dyestuffs and pigments, see 20121

manufacture of writing and drawing ink, see 20591

48 EMTAK 2008 explanatory notes

204

Manufacture of soap and detergents, cleaning and

polishing preparations, perfumes and toilet preparations

2041 Manufacture of soap and detergents, cleaning and polishing preparations

20411 Manufacture of soap and detergents, cleaning and polishing preparations – manufacture of organic surface-active agents

- manufacture of paper, wadding, felt or non-woven fabric coated or covered with soap or detergents
- manufacture of crude glycerol, glycerol waters and glycerol lyes
- manufacture of soap, except cosmetic soap
- manufacture of surface-active preparations:
- washing powders in solid or liquid form and detergents
- dish-washing preparations
- textile softeners
- manufacture of cleaning and polishing products:
- preparations for perfuming or deodorising rooms
- artificial waxes and prepared waxes
- polishes and creams for leather and footwear

- polishes and creams for wooden furniture, floors and other woodwork
- polishes for coachwork, glass and metal
- scouring pastes and powders, including paper, wadding etc. coated or covered with these

Does not belong here:

manufacture of separate, chemically defined compounds, see 20131, 20141
manufacture of glycerol, synthesised from petroleum products, see 20141
manufacture of cosmetic soap, see 20421

2042 Manufacture of perfumes and toilet preparations

20421 Manufacture of perfumes and toilet preparations

- manufacture of perfumes and toilet preparations:
- perfumes and toilet water
- beauty and make-up preparations, e.g. make-up preparations for lips and eyes, powders
- sunburn prevention and suntan preparations
- manicure and pedicure preparations
- shampoos, hair lacquers, waving and straightening preparations – dentifrices and preparations for oral hygiene, including denture fixative preparations
- shaving preparations, including pre-shave and aftershave preparations
- deodorants and bath salts
- depilatories
- manufacture of cosmetic soap, including with therapeutic effect

Also belong here:

– *manufacture of skin care products*

Does not belong here:

extraction and refining of natural essential oils, see 20531

205 Manufacture of other chemical products

This group includes the manufacture of explosives and pyrotechnic products, glues, essential oils and chemical products n.e.c., e.g. photographic chemical material (including film and sensitised paper), composite diagnostic preparations etc.

2051 Manufacture of explosives

20511 Manufacture of explosives

- manufacture of propellant powders
- manufacture of explosives and pyrotechnic products (e.g. fireworks), including detonators, percussion or detonating caps
- manufacture of signalling flares, fog signals, rain rockets, etc.

20512 manufacture of matches

Manufacture of matches –

49 EMTAK 2008 explanatory notes

2052 20521

Manufacture of glues

Manufacture of glues

- manufacture of glues and prepared adhesives, including rubber-based glues and adhesives
- casein glues
- isinglass and other glues of animal origin

– glues based on starches or dextrans or other modified starches – products and other prepared glues meant for use as glues and adhesives

Does not belong here:

manufacture of gelatines and its derivatives, see 20591

2053 Manufacture of essential oils

20531 Manufacture of essential oils

- manufacture of extracts of natural aromatic products
- manufacture of resinoids
- manufacture of mixtures of odoriferous products (including alcoholic solutions) for the manufacture of perfumes or food

Also belong here:

– manufacture of incenses with essential oils

Does not belong here:

– manufacture of synthetic aromatic products, see 20141
– manufacture of perfumes and toilet preparations, see 20421

2059 Manufacture of other chemical products n.e.c.

20591 Manufacture of other chemical products n.e.c.

- manufacture of sensitised photographic plates, film and instant print film –
- manufacture of sensitised paper and other sensitised unexposed materials –
- manufacture of chemical preparations for photographic uses
- manufacture of gelatine and its derivatives
- manufacture of various chemical products:
 - peptones, peptone derivatives, other protein substances and their derivatives
- n.e.c.
 - chemically modified oils and fats
 - materials used in the finishing of textiles, leather and fur
 - modelling pastes, including modelling pastes for children's amusement, dental impression wax
 - preparations and charges for fire extinguishers, charged fire extinguishing grenades
 - prepared culture media for development of micro-organisms
 - chemical elements in disk, wafer or similar forms, doped for electronic use
 - powders and pastes used in soldering, brazing or welding
 - substances used to pickle metal
 - prepared additives for cements, mortars or concretes
 - activated carbon
 - finishing agents, finishing agents, dye carriers to accelerate the dyeing or fixing of dyestuffs
 - lubricating oil additives, prepared rubber accelerators, catalysts and other chemical products for industrial use
 - prepared binders for foundry moulds or cores
 - sorbitol
 - anti-knock preparations, antifreeze preparations and other de-icing fluids
 - liquids for hydraulic transmission, break fluids
 - diagnostic or laboratory reagents
 - ion exchangers
 - getters for electronic lamps
 - wood acetates
 - anti-scaling and similar compounds
 - writing and drawing ink and other inks
 - biodiesel

Also belong here:

– manufacture of biofuel based on vegetable, soya, sunflower oil

Does not belong here:

the manufacture of chemically defined products in large volumes, see 20131, 20141
manufacture of distilled water, see 20131
manufacture of other organic basic chemicals, see 2011
manufacture of printing ink, see 20301
manufacture of asphalt-based adhesives, see 23991

206

Manufacture of man-made fibres

2060 Manufacture of man-made fibres

20601 Manufacture of man-made fibres

- manufacture of synthetic or filament tow
- manufacture of synthetic or artificial staple fibres not carded, combed or

otherwise processed for spinning
 – manufacture of synthetic or artificial filament yarn, including high–tenacity yarn
 – manufacture of synthetic or artificial monofilament or strip
 Siia ei kuulu:
 spinning of synthetic or artificial fibres, see 13101
 manufacture of yarns made of man–made staple, see 13101

Does not belong here:

spinning of synthetic or artificial fibres, see 13101
manufacture of yarns made of man-made staple, see 13101

21 chemical and botanical products.

Manufacture of basic pharmaceutical products

Manufacture of basic pharmaceutical products

211 Manufacture of basic pharmaceutical products

2110 21101
 – manufacture of medicinal active substances to be used for their pharmacological properties in the manufacture of medicaments: – antibiotics
 – provitamins, vitamins and hormones
 – glycosides, vegetable alkaloids and their derivatives
 – salicylic and O-acetylsalicylic acid
 – lysine and its esters and salts, glutamic acid its salts
 – processing of blood
 – manufacture of chemically pure sugars
 – processing of glands and manufacture of

212
2120
Manufacture of basic pharmaceutical products and pharmaceutical preparations extracts of glands, etc. **Manufacture of pharmaceutical preparations**

Division 21 includes the manufacture of basic pharmaceutical products and pharmaceutical preparations. This also includes the manufacture of medicinal **Manufacture of pharmaceutical preparations**

21201 Manufacture of pharmaceutical preparations

- manufacture of medicaments:
- antisera and other blood fractions
- vaccines
- diverse medicaments, including homeopathic preparations
- manufacture of chemical contraceptive products for external use and hormonal contraceptive medicaments
- manufacture of bone reconstruction cements
- manufacture of medical diagnostic preparations, including pregnancy tests
- manufacture of radioactive in–vivo diagnostic substances
- manufacture of biotech pharmaceuticals

- manufacture of medical impregnated wadding, gauze, bandages, dressings, etc.
- manufacture of wound plasters
- preparation of botanical products (grinding, grading, milling) for pharmaceutical use

Also belong here:

- *manufacture of ear candles*

Does not belong here:

- manufacture of herb infusions (mint, vervain, chamomile etc.), see 10831*
- manufacture of dental fillings and dental cement, see 32509*
- wholesale of pharmaceuticals, see 46461*
- retail sale of pharmaceuticals, see 47731*
- research and development for pharmaceuticals and biotech pharmaceuticals, see 7211*
- packaging of pharmaceuticals, see 82921*

22

Manufacture of rubber and plastic products

Division 22 includes the manufacture of rubber and plastics products which is characterised by the raw materials used in the manufacturing process. However, this does not imply that the manufacture of all products made of these materials is classified here.

221 Manufacture of rubber products

2211 22111

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

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

- manufacture of pneumatic rubber tyres for vehicles
- manufacture of pneumatic rubber tyres for motorcycles and bicycles
- manufacture of pneumatic rubber tyres for buses, lorries or aircraft
- manufacture of pneumatic rubber tyres for agricultural or forestry vehicles and machines, industrial lifting and handling equipment

- manufacture of solid or cushion rubber tyres
- manufacture of inner tubes for tyres
- manufacture of interchangeable tyre treads, tyre flaps, “camelback” strips for retreading tyres, etc.
- tyre rebuilding and retreading

Also belong here:

- *treating tires with sulphur (vulcanisation)*

Does not belong here:

- manufacture of tube repair materials, see 2219*
- tyre and tube repair, fitting or replacement, see 45201*

2219 Manufacture of other rubber products 22191

Manufacture of rubber plates, sheets, pipes, hoses, etc.

52 EMTAK 2008 explanatory notes

- manufacture of other products of natural or synthetic rubber, unvulcanised, vulcanised or hardened:
- rubber plates, sheets, strip, rods, profile shapes
- pipes, hoses and tubes
- rubber thread and rope
- rubber rings, fittings and seals
- rubber roller coverings

Also belong here:

- *treating industrial rubber products with sulphur (vulcanisation)*

22199 Manufacture of rubber products, n.e.c.

- manufacture of vulcanised rubber conveyor or transmission belts or belting –

manufacture of rubberised textile fabrics, adhesive tape of rubberized textiles of a width ≤ 20 cm

- manufacture of gloves of vulcanised rubber, including surgical gloves – manufacture of clothing (with welded connection) and clothing accessories of vulcanised rubber
- manufacture of sanitary articles (e.g. sheath contraceptives, teats, etc.) of vulcanised rubber
- manufacture of floor coverings and mats of vulcanised rubber
- manufacture of rings, seals, ship or dock fenders
- manufacture of rubber sole and other rubber parts of footwear
- manufacture of rubberised yarn- manufacture of erasers
- manufacture of inflatable rubber mattresses and pillows, balloons and other inflatable products
- manufacture of hot-water bags and similar
- manufacture of rubber brushes
- manufacture of rubber repair materials
- manufacture of rubber waterbed mattresses
- manufacture of rubber bathing caps and aprons
- manufacture of rubber diving suits and other wet suits
- manufacture of rubber sex articles
- manufacture of hard rubber (e.g. ebonite) in any form
- manufacture of hard rubber pipe tubes
- manufacture of hard rubber combs, hair pins, hair rollers and similar

Also belong here:

- *manufacture of rubber parts for footwear*
- *processing of rubber-containing consumer goods with sulphur (vulcanisation)*

Does not belong here:

- manufacture of tyre cord fabrics, see 13961*
- manufacture of apparel of elastic fabrics, see 14141, 14199*
- manufacture of rubber footwear, see 15201*
- manufacture of glues and adhesives based on rubber, see 20521*
- manufacture of "camelback" strips, see 22111*
- manufacture of inflatable rafts and boats, see 30112, 30121*
- manufacture of mattresses of uncovered cellular rubber, see 31031*
- manufacture of rubber sports requisites, except apparel, see 32301*
- manufacture of rubber games and toys (including children's wading pools, inflatable children rubber boats, inflatable rubber animals, balls and the like), see 32401*
- reclaiming of rubber, see 38321*

222 2221

intermediate or final products, using such processes as compression moulding; extrusion moulding; injection moulding; blow moulding; and casting. For most of these, the production process is such that a wide variety of products can be made.

Manufacture of plastic products

This group comprises processing new or spent (i.e., recycled) plastics resins into

22211 Manufacture of plastic plates, sheets, profiles, tubes, hoses, fittings, etc.

Manufacture of plastic plates, sheets, tubes and profiles

of plastic tubes, pipes and hoses and fittings for tubes, pipes and hoses
– manufacture of cellophane film or sheet

Does not belong here:

manufacture of plastics in primary forms, see 20161

manufacture of articles of synthetic or natural rubber, see 221

2222 22221

Manufacture of plastic packing goods

Manufacture of plastic packing goods
– manufacture of plastic articles for the packing of goods
– manufacture of bags of polymers of ethylene and other plastics – manufacture of plastic boxes, cases, buckets and similar articles – manufacture of plastic carboys, bottles, flasks and similar containers – manufacture of plastic caps, lids and capsules and other closures

2223

– manufacture of semi-finished and finished products of plastics – manufacture of plastic plates, sheets, blocks, film, foil, strip, etc. (whether self-adhesive or not)

– manufacture cellular plastic plates, sheets, film, foil and strips – manufacture

Does not belong here:

manufacture of luggage and handbags of

plastic, see 15121 **Manufacture of**

builders' ware of plastic

22231 Manufacture of plastic sanitary ware (baths, washbasins, etc.) –

– manufacture of plastic baths, shower-baths, sinks and bidets

– manufacture of plastic lavatory pans, flushing cisterns,

– lavatory seats and covers and similar products

22232 Manufacture of plastic doors, windows, partitions, etc.

– manufacture of plastic doors, doorjambs and thresholds

– manufacture of plastic windows, frames, shutters, blinds (incl. venetian blinds) and similar articles

Does not belong here:

manufacture of plastic doors and windows, plastic window frames, shutters, blinds, etc., see 43321

22239

rolls or plates – manufacture of resilient floor coverings, such as vinyl, linoleum, etc

– manufacture of prefabricated plastic buildings

– manufacture of artificial stone (e.g. cultured marble)

– manufacture of plastic fittings and mountings for permanent installation of constructional goods (e.g. doors, windows, steps, etc.)

– manufacture of trunking, ducting and cable trays for electrical circuits

Also belong here:

– *manufacture of plastic composting toilets*

2229 22291

Manufacture of other builders' ware of plastic

– manufacture of tanks, reservoirs, vats, of a capacity >300 litres – manufacture of plastic floor, wall or ceiling coverings in

Does not belong here:

assembly and installation of prefabricated plastic buildings on site, see 41201

Manufacture of other plastic products

Manufacture of other plastic products

- 2313**
- manufacture of plastic tableware, kitchenware and toilet articles – manufacture of plastic clothing (with welded connection) and clothing accessories, including gloves and headgear
 - manufacture of self-adhesive plastic plates, sheets, tapes, strips, foil, etc.– manufacture of transmission and conveyer belts
 - manufacture of plastic parts of lamps, lighting fittings and illuminated signs – manufacture of plastic office or school supplies
 - manufacture of plastic fittings for furniture, coachwork or the like – manufacture of plastic parts of footwear (e.g. outer soles, heels) – manufacture of plastic cigar and cigarette holders
 - manufacture of plastic combs, hair pins, curling pins and similar articles – manufacture of plastic insulating fittings– manufacture of statuettes and other ornamental articles of plastic
 - manufacture of plastic novelties
- 23**
- 231**
- 2311 23111**
- 2312 23121**
- Also belong here:**
- *manufacture of plastic hangers, buckets, bins, flower pots, including sponge – manufacture of plastic picture frames*
- Does not belong here:**
- manufacture of plastic luggage, see 15121*
 - manufacture of plastic footwear, see 15201*
 - manufacture of plastic furniture, see 31011, 31021, 31091*
 - manufacture of mattresses of uncovered cellular plastic, see 31031*
 - manufacture of plastic sports requisites, see 32301*
 - manufacture of plastic games and toys, see 32401*
 - manufacture of plastic medical and dental appliances, see 32501*
 - manufacture of plastic ophthalmic goods, see 32502*
 - manufacture of plastics hard hats and other*

personal safety equipment of plastics, see 32991

Manufacture of other non-metallic mineral products This division includes manufacturing activities related to a single substance of mineral origin. This division includes the manufacture of glass and glass products (e.g. flat glass, hollow glass, fibres, technical glassware etc.), ceramic tiles and baked clay products, and cement and plaster, from raw materials to finished articles.

Manufacture of glass and glass products
This group includes glass and glass products manufactured with any production method

Manufacture of flat glass
Manufacture of flat glass
– manufacture of cast or rolled glass, drawn
23131 Manufacture of glassware used for indoor decoration or similar purposes

or blown flat glass – manufacture of float glass and surface ground or polished flat glass – manufacture of reinforced, coloured or tinted flat glass

Shaping and processing of flat glass
Shaping and processing of flat glass
– manufacture of toughened or laminated flat glass
– manufacture of glass mirrors (whether or not framed, including rear-view mirrors for vehicles)
– manufacture of multiple-walled insulating units of glass
– bending, edge-working, engraving, drilling, glazing and other processing of flat glass

Also belong here:
– *refinishing of glass mirrors*
– *grinding of glass*

Manufacture of hollow glass

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- manufacture of drinking glasses of glass or crystal and manufacture of table or kitchen glassware of glass or crystal
- manufacture of toilet and office articles
- manufacture of glassware used for indoor decoration or similar purposes
- engraving, etching and vapour deposition of glass or crystal articles

Also belong here:
– *manufacture of aquariums*

Does not belong here:
manufacture of glass toys, see 32401
printing on glass, see 18129

23132 Manufacture of glass containers
– manufacture of glass bottles and carboys, jars, pots, phials, ampoules and other containers of glass used for preserving, packing or conveyance of goods
– manufacture of glass stoppers, lids and other closures
– manufacture of glass inners for vacuum flasks or for other vacuum vessels

Also belong here:
– *engraving, cauterization, and covering with vapour deposition of glass containers*

Does not belong here:
washing of glass bottles, see 81291

2314 23141

Manufacture of glass fibres
Manufacture of glass fibres
– manufacture of glass fibres, including glass wool and non-woven products thereof
– manufacture of glass fibre voiles, wool, mats, mattresses, boards and other

non-woven

Does not belong here:
manufacture of woven fabrics of glass yarn, see 13101
– *manufacture of fibre optic cable for data transmission or live transmission of images, see 27311*

2319 Manufacture and processing of other glass, including technical glassware

23191 Manufacture of insulating glass and other building material of glass –

manufacture of glass rods and tubes

- manufacture of glassware for mosaics or similar decorative purposes – manufacture of paving blocks, building blocks, squares, tiles and other articles of pressed or moulded glass
- manufacture of multicellular or foam glass in plates, boards or similar forms

23199 Manufacture of other glass and technical glassware

- manufacture of glassware used in imitation jewellery
- manufacture of glass insulators and glass insulating fittings
- manufacture of electrical insulators of glass
- manufacture of lamp globes and shades, diffusers, ceiling lights and similar articles of glass
- manufacture of glass figurines
- manufacture of laboratory, hygienic or pharmaceutical glassware – manufacture of clock or watch glasses, optical glass and optical elements not optically worked
- manufacture of glasses
- manufacture of open glass envelopes for electric lamps, cathode-ray tubes and parts thereof

Also belong here:

- *manufacture of glass photo frames*

Does not belong here:

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232

2320 23201

233

2331 23311

234

2341 23411

manufacture of optical elements optically worked, see 26701 manufacture of syringes and other medical laboratory equipment, see 32509 installation of glass tubes and glass tube systems, see 33201 maintenance and repair of glass tubes and glass tube systems, see 33191

Manufacture of refractory products

2332 23321

Manufacture of refractory products

Manufacture of refractory products

- manufacture of refractory mortars, concretes, etc.
- manufacture of ceramic insulation articles of siliceous earths and fossil meals – manufacture of refractory bricks, blocks and tiles, etc.
- manufacture of refractory ceramic retorts, crucibles, muffles, nozzles, tubes, pipes, etc.
- manufacture of refractory articles

containing magnesite, dolomite or chromite

Manufacture of clay building materials

Manufacture of ceramic tiles and flags

Manufacture of ceramic tiles and flags
– manufacture of non-refractory ceramic hearth or wall tiles, mosaic cubes, etc. –
manufacture of non-refractory ceramic flags and paving

Does not belong here:

manufacture of artificial stone (e.g. cultured marble), see 22239
manufacture of refractory ceramic products, see 23201
manufacture of ceramic bricks and roofing tiles, see 23321

Manufacture of bricks, tiles and construction products, in baked clay

Manufacture of bricks, tiles and construction products, in baked clay – manufacture of ceramic building bricks, floor tiles, support or filler tiles – manufacture of flooring blocks in baked clay
– manufacture of ceramic roofing tiles
– manufacture of ceramic cowls, chimney liners
– manufacture of ceramic architectural ornaments and other ceramic

2342 Manufacture of ceramic sanitary fixtures

23421 Manufacture of ceramic sanitary fixtures

- manufacture of ceramic sanitary fixtures (e.g. sinks, baths, washbasins, sink stands, bidets, lavatory pans, flushing cisterns, bowl urinal and similar sanitary ware)
- manufacture of other ceramic fixtures

constructional goods

– manufacture of ceramic pipes, conduits, guttering, pipe fittings and the like

Does not belong here:

manufacture of refractory ceramic products, see 23201
manufacture of non-structural non-refractory ceramic products, see 234
installation of ceramic pipes, conduits, guttering, see 33201
maintenance and repair of ceramic pipes, conduits, guttering, see 33201

Manufacture of other porcelain and ceramic products

Manufacture of ceramic household and ornamental articles

Manufacture of ceramic household and ornamental articles
– manufacture of ceramic or porcelain tableware and – kitchenware, domestic or toilet articles
– manufacture of statuettes and other ornamental ceramic articles

Does not belong here:

manufacture of imitation jewellery, see 32131
manufacture of ceramic toys, see 32401

2343 23431

2349 23491

2344 23441

technical ceramic products

Does not belong here:

manufacture of artificial stone (e.g. cultured marble), see 22239 manufacture of refractory ceramic goods, see 23201 manufacture of ceramic building materials, see 233

235

2351 23511

Manufacture of other ceramic products

Manufacture of other ceramic products

- manufacture of ceramic pots, jars and similar articles of a kind used for conveyance or packing of goods
- manufacture of agricultural ceramic gutters, tubes, troughs and other reservoirs
- manufacture of ceramic products of porcelain or china n.e.c – manufacture of ceramic products of normal clay n.e.c
- manufacture of other ceramic products

Also belong here:

– manufacture of ceramic picture frames

Does not belong here:

*manufacture of ceramic sanitary fixtures, see 23421
manufacture of artificial teeth, see 32509*

2352 23521

Does not belong here:

*manufacture of refractory ceramic goods, see 23201
manufacture of ceramic building materials, see 233*

Manufacture of ceramic insulators and insulating fittings Manufacture of ceramic insulators and insulating fittings

- manufacture of electrical insulators and insulating fittings of ceramics

Also belong here:

– manufacture of ceramic electrical insulators with metal parts for power lines or plants for transforming and carrying electric power for train haulage

Does not belong here:

manufacture of refractory ceramic goods, see 23201

Manufacture of other technical ceramic products

Manufacture of other technical ceramic products

- manufacture of ceramic and ferrite magnets
- manufacture of ceramic laboratory, chemical and industrial products and other

Manufacture of cement, lime and plaster

Manufacture of cement

Manufacture of cement

- manufacture of clinkers
- manufacture of hydraulic cements, including Portland, aluminous cement, slag cement and superphosphate cements

Does not belong here:

*manufacture of refractory mortars, concrete etc., see 23201
manufacture of ready-mixed and dry-mix concrete and mortars, see 23631, 23641
manufacture of articles of cement, see 23691
manufacture of cements used in dentistry, see 32509*

Manufacture of lime and plaster

Manufacture of lime and plaster

- manufacture of quicklime, slaked lime and hydraulic lime
- manufacture of plasters of calcined gypsum or calcined sulphate – manufacture of calcined dolomite and ramming mix of dolomite

articles of concrete, cement

and plaster Manufacture of

236 2361

Does not belong here:

manufacture of articles of plaster,

concrete products for

construction purposes

see 2362, 2369 **Manufacture of**

23611 Manufacture of prefabricated concrete buildings and components thereof –
– manufacture of prefabricated or assembled concrete buildings (e.g. buildings,
garages, shops, etc.)
– manufacture of precast concrete, cement or artificial stone articles for use in
construction

Does not belong here:

*Assembly and installation of prefabricated concrete buildings on site, see
41201*

23619

**Manufacture of plaster products for
construction purposes** Manufacture of
plaster products for construction purposes
– manufacture of plaster tiles, boards,
panels, sheets and similar articles of plaster

2362 23621

Manufacture of ready-mixed concrete
Manufacture of ready-mixed concrete
– manufacture of ready-mixed concrete

2363 23631

Does not belong here:
*manufacture of refractory cements, see
23201*

2364 23641

Manufacture of mortars
Manufacture of mortars
– manufacture of dry-mix mortars

Does not belong here:
*manufacture of refractory mortars, see
23201*
*manufacture of dry-mixed concrete and
mortars, see 23631*

2365 23651

Manufacture of fibre cement
Manufacture of fibre cement
– manufacture of building materials of
vegetable substances (wood wool, straw,
reeds, rushes) agglomerated with cement,
plaster or other mineral binder –
– manufacture of articles of asbestos-cement
or cellulose fibre-cement or the like (e.g.
corrugated sheets, other sheets, panels,
tiles, tubes, reservoirs, troughs, basins,
sinks, furniture, window frames, etc.)

2369 23691

237

2370

Manufacture of other concrete products for
construction purposes – manufacture of
precast concrete, cement or artificial stone
roofing tiles – manufacture of light concrete
(with a basis of crushed pumice, granulated
slag, etc.) building blocks and bricks
– manufacture of precast concrete, cement
or artificial stone tiles (incl. paving slabs),
setts, sheets, boards, pipes and poles

**Manufacture of other articles of concrete,
plaster and cement** Manufacture of other
articles of concrete, plaster and cement –
– manufacture of concrete, plaster, cement or
artificial stone furniture, statuary, bas-
and haut-reliefs, vases, flowerpots, etc.

**Cutting, shaping and finishing of
stone**

Cutting, shaping and finishing of stone

23701 Cutting, shaping and finishing of stone for use in cemeteries – cutting, shaping and finishing of stone

Also belong here:

– *restauration of tombstones*

Does not belong here:

quarrying, cutting of stone and similar activities carried out in quarries, e.g. production of rough cut stone, see 08111

23702 Manufacture of building materials and other products of limestone and dolomite – cutting, shaping and finishing of stone for use in construction, on roads, as roofing, etc.

– manufacture of stone furniture

Does not belong here:

quarrying, cutting of stone and similar activities carried out in quarries, e.g. production of rough cut stone, see 08111
production of millstones, abrasive stones and similar products, see 239

23709 Manufacture of products of granite, marble and natural stone – cutting, shaping and finishing of stone for use in construction, on roads, as roofing, etc.

– manufacture of stone furniture

Does not belong here:

quarrying, cutting of stone and similar activities carried out in quarries, e.g. production of rough cut stone, see 08111
production of millstones, abrasive stones and similar products, see 239

239

– manufacture of millstones, sharpening or polishing stones and natural or artificial abrasive products on a support, including abrasive products on a soft base (e.g. sandpaper)

2391 23911

Manufacture of abrasive products and non-metallic mineral products n.e.c.

Does not belong here:

maintenance and repair of millstones, grindstones, grinding wheels, see 33191
installation of millstones, grindstones, grinding wheels, see 33201

Production of abrasive products

Production of abrasive products

2399 Manufacture of other non-metallic mineral products n.e.c.

23991 Manufacture of other non-metallic mineral products n.e.c.

- manufacture of friction material and unmounted articles thereof with a base of mineral substances or of cellulose (e.g. brake linings and pads, etc.) –
- manufacture of mineral insulating materials (e.g. mineral wool, slag wool, rock wool and similar mineral wools; exfoliated vermiculite, expanded clays, foamed slag and similar heat-insulating, sound-insulating or sound-absorbing materials)
- manufacture of worked mica and articles of mica, of peat (e.g. plant pots), of graphite (other than electrical articles), etc.
- manufacture of articles of asphalt (e.g. asphalt-based adhesives, coal tar pitch, roof and surface materials, etc.) or similar material (e.g. petroleum bitumen, pitch)
- manufacture of bitumen mixtures with a base of natural asphalt, natural bitumen, mineral tar or pitch obtained from it (e.g. bitumen mastics and fluxed bitumens)
- manufacture of tarred stone surface
- manufacture of artificial graphite, colloidal, semi-colloidal graphite
- manufacture of carbon and graphite fibres and products
- manufacture of artificial corundum

Does not belong here:

manufacture of glass wool and non-woven glass wool products, see 23141

manufacture of graphite electrodes, see 27901

manufacture of carbon or graphite gaskets, see 28291

24

profiles, and in molten form to make castings and other basic metal products. Direct reduction of iron ore, production of pig iron in molten or solid form, conversion of pig iron into steel, manufacture of ferroalloys and manufacture of steel products.

Manufacture of basic iron and steel and of ferro-alloys

Direct reduction (enrichment) of iron ore, manufacturing of melted and solid cast iron, transformation of raw cast iron into steel and manufacturing of ferro alloys.

241

Manufacture of basic iron and steel and of ferro-alloys

2410 24101

Manufacture of basic iron and steel and of ferro-alloys

- operation of blast furnaces, steel converters, rolling and finishing mills
- production of pig iron and spiegeleisen in pigs, blocks or other primary forms
- production of ferro-alloys– production of ferrous products by direct reduction of iron and other spongy ferrous products
- production of iron of exceptional purity by electrolysis or other chemical processes
- remelting of scrap ingots of iron or steel
- production of granular iron and iron powder
- production of steel in ingots or other primary forms
- production of semi-finished products of steel
- manufacture of hot-rolled and cold-rolled flat-rolled products of steel
- manufacture of hot-rolled bars and rods of steel
- manufacture of hot-rolled open sections of steel
- manufacture of sheet piling of steel and welded open sections of steel
- manufacture of railway track materials (unassembled rails) of steel

242

2420 24201

Manufacture of basic metals

The activities of smelting and/or refining ferrous and non-ferrous metals from ore, pig or scrap, using electrometallurgical and other process metallurgic techniques. This division also includes the manufacture of metal alloys and super-alloys by introducing other chemical elements to pure metals. The output of smelting and refining, usually in ingot form, is used in rolling, drawing and extruding operations to make products such as plate, sheet, strip, bars, rods, wire or tubes, pipes and hollow

Also belong here:

– manufacture of stainless steel

Does not belong here:

cold drawing of bars, see 24311

Manufacture of tubes, pipes, hollow profiles and related fittings, of steel

Manufacture of tubes, pipes, hollow profiles and related fittings, of steel

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- manufacture of seamless tubes and pipes of circular or non-circular cross section and of blanks of circular cross section, for further processing, by hot rolling, hot extrusion or by other hot processes of an intermediate product which can be a bar or a billet obtained by hot rolling or continuous casting –
- manufacture of precision and non-precision seamless tubes and pipes from hot rolled or hot extruded blanks by further processing, by cold-drawing or cold rolling of tubes and pipes of circular cross section and by cold drawing only for tubes and pipes of non circular cross section and hollow profiles
- manufacture of welded tubes and pipes of an external diameter exceeding 406.4 mm, cold formed from hot rolled flat products and longitudinally or spirally welded
- manufacture of welded tubes and pipes of an external diameter of 406.4 mm or less of circular cross section by continuous cold or hot forming of hot or cold rolled flat products and longitudinally or spirally welded and of non-circular cross section by hot or cold forming into shape from hot or cold rolled strip longitudinally welded
- manufacture of welded precision tubes and pipes of an external diameter of 406.4 mm or less by hot or cold forming of hot or cold rolled strip and longitudinally welded delivered as welded or further processed, by cold drawing or cold rolling or cold formed into shape for tube and pipe of non-circular cross section
- manufacture of flat flanges and flanges with forged collars by processing of hot rolled flat products of steel
- manufacture of butt-welding fittings, such as elbows and reductions, by forging of hot rolled seamless tubes of steel
- manufacture of threaded and other tube or pipe fittings of steel

Does not belong here:

manufacture of seamless tubes and pipes of steel by centrifugally casting, see 24521

243 Manufacture of other products of first processing of steel

2431 24311

2434 24341

2432 24321

244

2433 24331

2441**Cold drawing of bars**

Cold drawing of bars

– manufacture of steel bars and solid sections of steel by cold drawing, grinding or turning

Does not belong here:

drawing of wire, see 24341

Cold rolling of narrow strip

Cold rolling of narrow strip

– manufacture of coated or uncoated flat rolled steel products in coils or in straight lengths of a width less than 600 mm by cold re-rolling of hot-rolled flat products or of steel rod

Cold forming or folding

Cold forming or folding

– manufacture of open sections by progressive cold forming on a roll mill or folding on a press of flatrolled products of

steel

– manufacture of cold-formed or cold-folded, ribbed sheets and sandwich panels (panels consisting of two folded sheets and insulating filling)

Cold drawing of wire

Cold drawing of wire

– manufacture of drawn steel wire, by cold drawing of steel wire rod

Does not belong here:

drawing of bars and solid sections of steel, see 24311

manufacture of derived wire products, see 2593

Manufacture of basic precious and**other non-ferrous metals Precious****metals production**

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24411**2442 24421****2444 24441**

Precious metals production

– production and refining of unwrought or wrought precious metals (gold, silver, platinum, etc.) from ore and scrap

– production of precious metal alloys

– production of precious metal semi-products

– production of silver rolled onto base metals

– production of gold rolled onto base metals or silver

– production of platinum and platinum group metals rolled onto gold, silver or base metals

– manufacture of wire of these metals by drawing

– manufacture of precious metal foil laminates

Does not belong here:

casting of non-ferrous metals, see 24531, 24541

manufacture of precious metal jewellery, see 32121

2443 24431**Aluminium production**

Aluminium production

– production of aluminium from alumina

- production of aluminium from electrolytic refining of aluminium waste and scrap
- production of aluminium alloys
- manufacture of wire of these metals by drawing
- production of aluminium wrapping foil
- manufacture of aluminium foil laminates made from aluminium foil as primary component
- manufacture of aluminium powder and flakes
- manufacture of aluminium bar stock and profiles
- manufacture of aluminium plates, sheets and strips
- manufacture of aluminium pipes and pipe fittings
- semi-manufacturing of aluminium

Does not belong here:

casting of non-ferrous metals, see 24531, 24541

Lead, zinc and tin production

Lead, zinc and tin production

- production of lead, zinc and tin from ores
- production of lead, zinc and tin from ores
- production of lead, zinc and tin from electrolytic refining of lead, zinc and tin waste and scrap

- production of lead, zinc and tin alloys
- manufacturing of lead, zinc and tin
- manufacture of wire of these metals by drawing
- manufacture of tin foil

Does not belong here:

casting of non-ferrous metals, see 24531, 24541

Copper production

Copper production

- production of copper from ores
- production of copper from electrolytic refining of copper waste and scrap
- production of copper alloys
- manufacture of fuse wire or strip
- manufacture of copper powder and flakes
- manufacture of copper bar stock and profiles
- manufacture of copper plates, sheets and strips
- manufacture of copper foil
- manufacture of copper pipes and pipe fittings
- manufacture of copper wire by drawing
- semi-manufacturing of copper

Does not belong here:

casting of non-ferrous metals, see 24531, 24541

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2445 24451

Other non-ferrous metal production

Other non-ferrous metal production

- production of chrome, manganese, nickel, etc. from ores or oxides
- production of chrome, manganese, nickel etc. from electrolytic and aluminothermic refining of chrome, manganese, nickel etc., waste and scrap
- production of alloys of chrome, manganese, nickel, etc.

- semi-manufacturing of chrome, manganese, nickel, etc.
- production of mattes of nickel
- manufacture of wire of these metals by drawing

Does not belong here:

casting of non-ferrous metals, see 24531, 24541

2446 Processing of nuclear fuel

24461 Processing of nuclear fuel

- production of uranium metal from pitchblende or other ores
- smelting and refining of uranium

Does not belong here:

manufacture of enriched uranium, see 20131collection of radioactive waste, see 38121processing of radioactive waste, 38221

245

2451 24511

as:

- *boilers and radiators, see 25211*
- *cast household items, see 25991*

Casting of steel

Casting of steel

This class includes activities of steel foundries.

- casting of steel castings
- manufacture of seamless tubes and pipes of steel by centrifugal casting – manufacture of tube or pipe fittings of cast-steel

2453 24531

Does not belong here:

manufacture of finished cast products such as:

- *boilers and radiators, see 25211*
- *cast household items, see 25991*

2454 24541

Casting of metals

Casting of iron

Casting of iron

This class includes activities of iron foundries.

- casting of semi-finished iron products
- casting of grey iron castings
- casting of malleable cast-iron products
- casting forged castings
- manufacture of tubes, pipes and hollow profiles of cast-iron – manufacture of pipe fittings (e.g. couplings, elbows) of cast-iron

Does not belong here:

manufacture of finished cast products such

Casting of light metals

Casting of light metals

- casting of semi-finished products of aluminium, magnesium, titanium, zinc, etc
- casting of light metal castings

Does not belong here:

manufacture of finished cast products such as:

- *boilers and radiators, see 25211*
- *cast household items, see 25991*

Casting of other non-ferrous metals

Casting of other non-ferrous metals

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as:

- *boilers and radiators, see 25211*
- *cast household items, see 25991*

Manufacture of fabricated metal products, except machinery and equipment

Division 25 includes the manufacture of "pure" metal products (such as containers and structures), divisions 26–30 cover the manufacture of combinations or assemblies of such metal products (sometimes with other materials) into more complex units that, unless they are purely electrical, electronic or optical, work with moving parts. The manufacture of weapons and ammunition is also included in this division.

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251 2511

- casting of heavy metal castings
- casting of precious metal castings
- die-casting of non-ferrous metal castings

Does not belong here:

manufacture of finished cast products such

25111 Manufacture of prefabricated metal buildings

- manufacture of prefabricated buildings mainly of metal: site huts,

Manufacture of structural metal products

Manufacture of metal structures and parts of structures

greenhouses, modular exhibition elements, etc.

Also belong here:

– *manufacture of containers for storing communication equipment*

Does not belong here:

Assembly and installation of prefabricated metal buildings on site, see 41201

- 25119** Manufacture of other metal structures and parts of structures – manufacture of metal frameworks or skeletons for construction and parts thereof
- manufacture of industrial frameworks in metal (frameworks for blast furnaces, lifting and handling equipment, etc.)
 - manufacture of iron or steel bridges and bridge sections
 - manufacture of iron or steel towers and lattice masts
 - manufacture of aluminium frameworks and parts thereof (e.g. bridges, bridge sections, towers, lattice masts, etc.)
 - manufacture of other frameworks and parts thereof (e.g. iron, steel or aluminium plates, rods, profiles, etc.)

Also belong here:

- *manufacture of metal suspended ceilings*
- *manufacture of metal structures*
- *manufacture of tin roofs*
- *manufacture of sliding doors with an aluminium frame*

Does not belong here:

- manufacture of parts for marine or power boilers, see 25301*
- manufacture of assembled railway track fixtures, see 25991*
- manufacture of sections of ships, see 30111*
- installation of prefabricated metal structures, see 33201*
- maintenance and repair of prefabricated metal structures, see 33111*

2512 25121

Manufacture of doors and windows of metal

Manufacture of doors and windows of metal

- manufacture of metal doors, windows, their frames, jambs and sills

- manufacture of metal shutters and gates
- metal room partitions for floor attachment

Does not belong here:

Installation of metal door, windows, their frames, etc., see 433211

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252 2521

Manufacture of central heating

Manufacture of tanks, reservoirs, radiators and boilers and containers of metal

- 25211** Manufacture of central heating radiators and hot-water boilers –
- manufacture of non-electric central heating radiators
 - manufacture of central heating boilers and parts thereof

Does not belong here:

- manufacture of electrical ovens and water heaters, see 27511*
- manufacture of central heating radiators and boilers, see 33111*

2529 Manufacture of other tanks, reservoirs and containers of metal 25291

Manufacture of other tanks, reservoirs and containers of metal – manufacture of metal reservoirs, tanks, vats and similar containers for any liquids, of a capacity > 300 litres (including lined or heat insulated) – manufacture of metal containers for compressed or liquefied gas

Does not belong here:

manufacture of metal casks, drums, cans, pails, boxes etc. of a kind normally used for carrying and packing of goods, of a capacity not exceeding 300 litres, see 25911, 25921

manufacture of transport containers, see 29201
manufacture of tanks (armoured military vehicles), see 30401
repair of metal tanks, reservoirs and containers, see 33111
installation of metal containers, see 33201

253

isotope separators – manufacture of parts for marine or power boilers
– pipe system construction comprising further processing of tubes generally to make pressure pipes or pipe systems together with the associated design and construction work

2530 25301

Does not belong here:

manufacture of central heating hot-water boilers and radiators, see 25211
manufacture of boiler-turbine sets, see 28111
manufacture of isotope separators, see 28991
maintenance and repair of steam generators and other steam generators, see 33111
maintenance and repair of auxiliary equipment for steam generators (condensers, economisers, super heaters, steam collectors and accumulators), see 33111
maintenance and repair of nuclear reactors, except isotope separators, 33111
maintenance and repair of parts for marine or power boilers, see 33111
installation of steam generators, see 33201

254

2540 25401

Manufacture of steam generators, except central heating hot water boilers

Manufacture of steam generators, except central heating hot water boilers

Manufacture of steam generators, except central heating hot water boilers – manufacture of steam or other vapour generators
– manufacture of condensers, economisers, super heaters, steam collectors and accumulators and soot blowers
– manufacture of nuclear reactors, except

Manufacture of weapons and ammunition

Manufacture of weapons and ammunition

Manufacture of weapons and ammunition – manufacture of heavy weapons (artillery, mobile guns, rocket launchers, torpedo tubes, heavy machine guns)
– manufacture of small arms (revolvers, shotguns, light machine guns) – manufacture of air or gas guns and pistols
– manufacture of war ammunition
– manufacture of hunting, sporting or protective firearms and ammunition – manufacture of explosive devices such as bombs, mines and torpedoes

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255

2550 25501

2561

Does not belong here:

manufacture of percussion caps, detonators

or signalling flares, see 20511 manufacture of cutlasses, swords, bayonets etc., see 25711

manufacture of armoured vehicles for the transport of banknotes or valuables, see 29101

manufacture of space vehicles, see 30301

manufacture of tanks and other fighting

vehicles, see 30401 maintenance and repair of firearms and artillery (including hunting and sporting firearms), see 30401

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

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

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

25611 Treatment and coating of metals

- plating, anodising etc. of metals
- heat treatment of metals
- deburring, sandblasting, tumbling, cleaning of metals
- colouring and engraving of metals
- non-metallic coating of metals:
- plasticising, enamelling, lacquering, etc.
- hardening, buffing of metals

Also belong here:

- powder coating of metals
- corrosion prevention, excluding corrosion prevention for motor vehicles, see 45201
- high-vacuum metallization
- coating of plastic with metal (galvanizing)

Does not belong here:

- activities of farriers, see 01621
- printing onto metals, see 18129
- metal coating of plastics, see 22291
- rolling precious metals onto base metals or other metals, see 24411, 24421, 24431, 24441

2562 Machining

25621 Machining

- boring, turning, milling, eroding, planing, lapping, broaching, levelling, sawing, grinding, sharpening, polishing, welding, splicing, etc. of metalwork pieces – cutting of and writing on metals by means of laser beams
- grinding, including polishing, of metalwork pieces
- forging, if not part of production process
- metal art, if not part of production process

Also belong here:

forging, pressing, stamping and roll-forming of metal

- powder metallurgy:
- production of metal objects directly from metal powders by heat treatment (sintering) or under pressure plating, anodising etc. of metals

Does not belong here:

production of metal powder, see 241, 244

Treatment and coating of metals; machining

General activities for the treatment of metal, such as plating, coating, engraving, boring, polishing, welding etc., which are typically carried out on a fee or contract basis.

Treatment and coating of metals

Manufacture of cutlery

Manufacture of cutlery

- manufacture of domestic cutlery such as knives, forks, spoons, etc – manufacture of other articles of cutlery:
- cleavers and choppers
- razors and razor blades
- scissors and hair clippers
- manufacture of cutlasses, swords, bayonets, etc
- manufacture of manicure and pedicure sets and instruments (including nail files)

2572

– tin works related to mechanic metal processing

Does not belong here:

activities of farriers, see 01621
"while-you-wait" engraving services, see 95291

Does not belong here:

manufacture of hollowware (pots, kettles etc.), dinnerware (bowls, platters etc.) or flatware (plates, saucers etc.), see 2599
manufacture of cutlery of precious metal, see 3212
repair of cutlery, see 33111

Manufacture of cutlery, tools and general hardware

25721 Manufacture of locks and hinges

- manufacture of padlocks, locks, keys, hinges and the like, hardware for buildings, furniture, vehicles, etc.

Also belong here:

- manufacture of cremone bolts and frames with cremone bolts
- manufacture of automatic door closers

Does not belong here:

repair of locks and hinges, see 33111
installation of locks and hinges, see 33201

of tools

2573

Manufacture

25731 Manufacture of mould tools

- manufacture of moulding boxes for metal foundry
- manufacture of mould bases, moulding patterns
- manufacture of mould tools for metal or metal carbides (including injection or compression types)
- manufacture of mould tools for glass
- manufacture of mould tools for mineral materials (including injection or compression types)
- manufacture of mould tools for rubber or plastics (excluding injection or compression types)

Does not belong here:

manufacture of ingot moulds and ladles for metallurgy and metal foundries, see 28911

25739 Manufacture of other tools

Manufacture of locks and hinges

259

2591 25911

2594 25941

– manufacture of knives and cutting blades for machines or for mechanical appliances
– manufacture of hand tools (pliers, screwdrivers, rasps, files, wrenches, etc.) – manufacture of non–power–driven agricultural hand tools (e.g. spades, shovels, cradles, sickles, secateur type scissors, forks, rakes, etc.) – manufacture of saws and saw blades, including circular saw blades and chainsaw blades

2592 25921

– manufacture of interchangeable tools for hand tools, whether or not power–operated, or for machine tools (e.g. drills, punches, milling cutters, etc.) –

2593 25931

manufacture of press tools
– manufacture of blacksmiths' tools (e.g. forges, anvils, etc.) – manufacture of vices, clamps

Does not belong here:

manufacture of power–driven hand tools, see 28241

Manufacture of other fabricated metal products

This group includes the manufacture of a variety of metal products, such as cans and buckets; nails, bolts and nuts; metal household articles; metal fixtures; ships propellers and anchors; assembled railway track fixtures etc. for a variety of household and industrial uses.

Manufacture of steel drums and similar containers

Manufacture of steel drums and similar containers

– manufacture of iron and steel containers of a capacity of ≤ 300 litres – manufacture of buckets, cans, boxes and casks

Does not belong here:

manufacture of tanks and reservoirs of a capacity of ≤ 300 litres, see 25291 repair of steel casks and containers, see 33111 installation of steel casks and containers, 33201

Manufacture of light metal packaging

Manufacture of light metal packaging

– manufacture of tins and cans for food products, collapsible tubes and boxes – manufacture of metallic closures (e.g. caps, stoppers, lids)

Manufacture of wire products, chain and springs

Manufacture of wire products, chain and springs

– manufacture of metal cable, plaited bands and similar articles – manufacture of uninsulated metal cable or insulated cable not capable of being used as a conductor of electricity

– manufacture of coated or cored wire
 – manufacture of articles made of wire (barbed wire, wire fencing, grill, netting, cloth, etc.)
 – coated electrodes for electric arc-welding
 – manufacture of nails and pins
 – manufacture of springs, except watch springs (e.g. leaf springs, helical springs, torsion bar springs, leaves for springs)
 – manufacture of chain, except power transmission chain

Also belong here:

– *manufacture of pocket spring blocks*

Does not belong here:

manufacture of clock or watch springs, see 26521

manufacture of wire and cable for electricity transmission, see 27321 manufacture of power transmission chain, see 28151

Manufacture of fasteners and screw machine products

Manufacture of fasteners and screw machine products

– manufacture of rivets, washers and similar non-threaded products – manufacture of bolts, screws, nuts and similar threaded products

Does not belong here:

Manufacture of springs and chains, see 25931

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2599 Manufacture of other fabricated metal products n.e.c.

25991 Manufacture of other fabricated metal products n.e.c.

- manufacture of metal household articles:
- flatware: plates, saucers, etc.
- hollowware: pots, kettles, etc
- dinnerware: - bowls, platters, etc.
- saucepans, frying pans and other non-electrical utensils for use at the table or in the kitchen
- small hand-operated kitchen appliances and accessories
- metal scouring pads
- manufacture of building components of zinc (e.g. gutters, roof capping, baths, sinks, washbasins and similar articles)
- manufacture of metal goods for office use, except furniture (e.g. paper boxes and trays, pencil boxes, stamp stands, components of binders and files) –
- manufacture of safes, strongboxes, armoured doors, etc.
- manufacture of various metal articles:
- ship propellers and blades thereof- anchors
- assembled railway track fixtures
- bells, statuettes, frames, base metal mirrors
- clasps, buckles, hooks
- metal ladders and steps
- metal signs, including road signs, name-plates, plates, letters, numbers
- small animal and bird cages, wire baskets
- non-mechanical ventilators
- sieves and other perforated products of perforated thin sheets used to filter water at the entrance to drains
- manufacture of foil bags
- manufacture of permanent metallic magnets
- manufacture of metal vacuum jugs and bottles

- manufacture of metal badges and metal military insignia
- manufacture of metal hair curlers, metal umbrella handles and frames, combs

Also belong here:

- *manufacture of gutters, metal gates, and tin rain pipes*
- *manufacture of metal handrails*
- *manufacture of metal door handles*
- *assembly of safety signs*

Does not belong here:

- manufacture of swords, bayonets, see 25711*
- manufacture of shopping carts, see 30991*
- manufacture of metal furniture, see 31011, 31021, 31091*
- manufacture of sports goods, see 32301*
- manufacture of games and toys, see 32401*
- manufacture of safety headgear and other personal protective equipment of metal, see 32991*

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manufacture of components for such products. Production processes of this division are characterised by the design and use of integrated circuits and the application of highly specialised miniaturisation technologies. The division also contains the manufacture of consumer electronics, measuring, testing and navigating equipment, irradiation, electromedical and electrotherapeutic equipment, optical instruments and equipment, and the manufacture of magnetic and optical media.

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2611 26111

Manufacture of computer, electronic and optical products Manufacture of computers, computer peripherals, communications equipment, and similar electronic products, as well as the

Manufacture of electronic components and boards

Manufacture of electronic components
Manufacture of electronic components

- manufacture of solenoids, switches and transducers for electronic applications
- manufacture of dice or wafers, semi-conductor, finished or semi-finished
- manufacture of display components (plasma, polymer, LCD)
- manufacture of light emitting diodes (LED)
- manufacture of printer cables, monitor cables, USB cables, connectors, etc.
- manufacture of stones for styli

Does not belong here:

printing of smart cards, see 18129
manufacture of computer and television displays, see 26201, 26401
manufacture of modems (carrier equipment), see 26301
manufacture of X-ray tubes and similar irradiation devices, see 26601
manufacture of optical equipment and instruments, see 26701
manufacture of similar devices for electrical applications, see division 27
manufacture of fluorescent ballasts, see 27111
manufacture of electrical relays, see 27121
manufacture of electrical wiring devices, see 27331
manufacture of complete equipment is classified elsewhere based on complete equipment classification

2612 26121

- manufacture of capacitors, electronic
- manufacture of resistors, electronic
- manufacture of microprocessors
- manufacture of electronic lamps
- manufacture of electronic connectors
- manufacture of bare printed circuit boards
- manufacture of integrated circuits (analogue, digital or hybrid)
- manufacture of diodes, transistors and related discrete devices
- manufacture of inductors (e.g. chokes, coils, transformers), electronic component type
- manufacture of electronic crystals and crystal assemblies

Manufacture of loaded electronic boards

- Manufacture of loaded electronic boards
- manufacture of loaded printed circuit boards
 - loading of components onto printed circuit boards
 - manufacture of interface cards (e.g. sound, video, controllers, network, modems)
 - manufacture of smart cards

Does not belong here:

printing of smart cards, see 18129
manufacture of bare printed circuit boards, see 26111

262 Manufacture of computers and peripheral equipment

2620 Manufacture of computers and peripheral equipment

26201 Manufacture of computers and peripheral equipment

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following: (1) store the processing program or programs and the data immediately necessary for the execution of the program, (2) can be freely programmed in accordance with the requirements of the user, (3) perform arithmetical computations specified by the user and (4) execute, without human intervention, a processing program that requires the computer to modify its execution by logical decision during the processing run.

Analogue computers are capable of simulating mathematical models and comprise at least analogue control and programming elements. – manufacture of desktop computers

- manufacture of laptop computers
- manufacture of main frame computers
- manufacture of hand-held computers (e.g. PDA)- manufacture of magnetic disk drives, flash drives and other storage devices
- manufacture of optical (e.g. CD-RW, CD-ROM, DVD-ROM, DVD-RW) disk drives
- manufacture of printers
- manufacture of monitors
- manufacture of keyboards
- manufacture of all types of mice, joysticks, and trackball accessories – manufacture of dedicated computer terminals
- manufacture of computer servers
- manufacture of scanners, including bar code scanners
- manufacture of smart card readers
- manufacture of virtual reality helmets
- manufacture of computer projectors (video beamers)
- manufacture of computer terminals, like automatic teller machines (ATMs), point-of-sale (POS) terminals, not mechanically operated
- manufacture of multi-function office equipment performing two or more of following functions: printing, scanning, copying, faxing

Also belong here:

- *assembling and mounting of computers by the manufacturer on the spot – manufacture of cash machines/cash registers/ATMs*

Does not belong here:

- reproduction of recorded media (computer media, sound, video, etc.), see 18201*
- manufacture of electronic components and electronic assemblies used in computers and peripherals, see 261*
- manufacture of internal/external computer modems, see 26121*
- manufacture of interface cards, modules and assemblies, see 26121*
- manufacture of loaded electronic boards, see 26121*
- manufacture of modems, carrier equipment, see 26301*
- manufacture of digital communication switches, data communications equipment (e.g. bridges, routers, gateways), see 2630*

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2630 26301

Manufacture and/or assembly of electronic computers, such as mainframes, desktop computers, laptops and computer servers; and computer peripheral equipment, such as storage devices and input/output devices (printers, monitors, keyboards). Computers can be analogue, digital, or hybrid. Digital computers, the most common type, are devices that do all of the

manufacture of consumer electronic devices, such as CD players and DVD players, see 26401
manufacture of television monitors and displays, see 26401
manufacture of video game consoles, see 26401
manufacture of blank optical and magnetic media for use with computers or other

devices, see 26801

Manufacture of communication equipment

Manufacture of communication equipment

Manufacture of communication equipment

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equipment, including telephone answering machines

- manufacture of data communications equipment, such as bridges, routers, and gateways
- manufacture of modems and communication devices
- manufacture of cellular phones and pagers
- manufacture of mobile communication equipment
- manufacture of transmitting and receiving antenna
- manufacture of cable television equipment
- manufacture of radio and television studio and broadcasting equipment, including television cameras
- manufacture of radio and television transmitters
- manufacture of communication devices using infrared signal (e.g. remote controls)
- manufacture of burglar and fire alarm systems, sending signals to a control station

Also belong here:

– *manufacture of WIFI equipment*

Does not belong here:

manufacture of electronic components and subassemblies used in communications equipment, including internal/external computer modems, see 26121
manufacture of loaded electronic boards, see 26121
manufacture of computers and computer peripheral equipment, see 26201
manufacture of consumer audio and video equipment, see 26401
manufacture of GPS devices, see 26511
manufacture of electronic scoreboards, see 27901
manufacture of traffic lights, see 27901
repair of communications equipment, see 95121

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2640 26401

Manufacture of telephone and data communications equipment used to move signals electronically over wires or through the air such as radio and television broadcast and wireless communications equipment.

- manufacture of central office switching equipment
- manufacture of private branch exchange (PBX) equipment – manufacture of cordless telephones
- manufacture of telephone and facsimile

Manufacture of consumer electronics

Manufacture of consumer electronics

Manufacture of consumer electronics

Manufacture of electronic audio and video equipment for home entertainment, motor vehicle, public address systems and musical instrument amplification. – manufacture of video cassette recorders and duplicating equipment (e.g. video tape recorders)
 – manufacture of televisions, monitors and displays thereof
 – manufacture of audio recording and duplicating systems
 – manufacture of stereo equipment
 – manufacture of radio receivers
 – manufacture of speaker systems
 – manufacture of amplifiers for musical instruments and public address systems –

manufacture of CD and DVD players
 – manufacture of household-type video cameras
 – manufacture of microphones
 – manufacture of headphones (e.g. radio, stereo, computer) – manufacture of jukeboxes
 – manufacture of karaoke machines

Also belong here:

– *manufacture of LCD picture frames*
 – *manufacture of technological crop production systems*

Does not belong here:

used for industrial and non-industrial purposes.

Manufacture of instruments and appliances for measuring, testing and navigation

Manufacture of instruments and appliances for measuring, testing and navigation
 Manufacture of the following instruments and equipment: search, detection, navigation, guidance, aeronautical, and nautical systems and instruments; automatic controls and regulators for applications, such as heating, air conditioning, refrigeration and appliances; instruments and devices for measuring, displaying, indicating, recording, transmitting, and controlling temperature, humidity, pressure, vacuum, combustion, flow, level, viscosity, density, acidity, concentration, and rotation; totalising (i.e., registering) fluid meters and counting devices; instruments for measuring and testing the characteristics of electricity and electrical signals; instruments and instrumentation systems for laboratory analysis of the chemical or physical composition or concentration of samples of solid, fluid, gaseous, or composite material; other measuring and testing instruments and parts thereof. The manufacture of non-electric measuring, testing and navigating equipment (except simple mechanical tools) is also included here.
 – manufacture of instruments and appliances for aeronautical or space navigation and direction finding compasses
 – manufacture of automotive emissions testing equipment
 – manufacture of meteorological instruments; manufacture of physical properties testing and inspection equipment; manufacture of polygraph machines
 – manufacture of radiation detection and monitoring instruments – manufacture of

265

2651 26511

reproduction of recorded media (computer media, sound, video, etc.), see 182
manufacture of computer peripheral devices and computer monitors, see 26201
manufacture of telephone answering machines, see 26301
manufacture of paging equipment, see 26301
manufacture of remote control devices (radio and infrared), see 26301
manufacture of broadcast studio equipment such as reproduction equipment, transmitting and receiving antennas, commercial video cameras, see 26301
manufacture of antennas, see 2630
manufacture of digital cameras, see 26701
manufacture of electronic games with fixed (non-replaceable) software, see 32401

Manufacture of instruments and appliances for measuring, testing and navigation; watches and clocks

Manufacture of measuring, testing, and navigating equipment, including time measuring instruments (e.g. clocks, etc.)

surveying instruments
 – manufacture of thermometers
 liquid-in-glass and bimetal types (except medical)
 – manufacture of psychrometers;
 manufacture of hydronic limit controls –
 manufacture of flame and burner control;
 manufacture of spectrometers –
 manufacture of pneumatic gauges
 – manufacture of consumption meters (e.g., instruments (e.g. blood analysis water, gas, electricity) – manufacture of flow meters and counting devices
 – manufacture of tally counters
 – manufacture of mine detectors, pulse (signal) generators; metal detectors –
 manufacture of search, detection, navigation, aeronautical, and nautical equipment, including sonobuoys

– manufacture of radar equipment;
 manufacture of GPS devices –
 manufacture of environmental controls and automatic controls for appliances –
 manufacture of measuring and recording equipment (e.g. flight recorders) –
 manufacture of motion detectors;
 manufacture of radars
 – manufacture of laboratory analytical instruments (e.g. blood analysis equipment)
 – manufacture of laboratory scales, balances, incubators, and miscellaneous laboratory apparatus for measuring, testing, etc.
 – manufacture of microscopes (except optical) and parts thereof

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2652 26521

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2670 26701

Also belong here:

– *manufacture of microscopes and parts thereof*

– *manufacture of aerospace or space navigation instruments and equipment*

Does not belong here:

manufacture of telephone answering machines, see 26301

manufacture of irradiation equipment, see 26601

manufacture of optical positioning equipment, see 26701

manufacture of dictating machines, see 28231

manufacture of weighing machinery (other than sensitive laboratory balances), levels, tape measures etc., see 28291

manufacture of medical thermometers, see 32501

installation of industrial process control equipment, see 33201

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2660 26601

Manufacture of watches and clocks

Manufacture of watches and clocks

- manufacture of watches and clocks of all kinds, including instrument panel clocks
- manufacture of time-recording equipment and equipment for measuring, recording and otherwise displaying intervals of time with a watch or clock movement or with synchronous motor
- parking meters
- time clocks
- time/date stamps
- process timers
- manufacture of time switches and other releases with a watch or clock movement or with synchronous motor (e.g. time locks)
- manufacture of components for clocks and watches:
- movements of all kinds for watches and clocks
- springs, jewels, dials, hands, plates, bridges and other parts – watch and clock cases and housings of all materials

Does not belong here:

manufacture of non-metal watch bands (textile, leather, plastic), see 1512
manufacture of watch bands of precious metal, see 32121
manufacture of watch bands of non-precious metal, see 32131

Manufacture of irradiation, electromedical and electrotherapeutic equipment

Manufacture of irradiation,

electromedical and electrotherapeutic equipment

- Manufacture of irradiation, electromedical and electrotherapeutic equipment – manufacture of irradiation apparatus and tubes (e.g. industrial, medical diagnostic, medical therapeutic, research, scientific): beta-, gamma, X-ray or other radiation equipment
- manufacture of CT scanners
- manufacture of PET scanners
- manufacture of magnetic resonance imaging (MRI) equipment – manufacture of medical ultrasound equipment
- manufacture of electrocardiographs
- manufacture of electromedical endoscopic equipment
- manufacture of medical laser equipment
- manufacture of pacemakers
- manufacture of hearing aids
- manufacture of food and milk irradiation equipment

Does not belong here:

manufacture of tanning beds, see 28991

Manufacture of optical instruments and photographic equipment

Manufacture of optical instruments and photographic equipment Manufacture of optical instruments and photographic equipment

2680 26801

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Manufacture of optical instruments and lenses, such as binoculars, microscopes (except electron, proton), telescopes, prisms and lenses (except ophthalmic). The coating or polishing of lenses (except ophthalmic); the mounting of lenses (except ophthalmic) and the manufacture of photographic equipment such as cameras and light meters.

- manufacture of optical mirrors
- manufacture of optical gun sighting equipment
- manufacture of optical positioning equipment
- manufacture of optical magnifying instruments
- manufacture of optical machinist's precision tools
- manufacture of optical comparators
- manufacture of film cameras and digital cameras
- manufacture of motion picture and slide projectors
- manufacture of overhead transparency projectors
- manufacture of optical measuring and checking devices and instruments (e.g. fire control equipment, photographic light meters, range finders) – manufacture of lenses, optical microscopes, binoculars and telescopes – manufacture of laser assemblies

Does not belong here:

manufacture of computer projectors, see 26201
manufacture of commercial TV and video cameras, see 26301
manufacture of household-type video cameras, see 26401
manufacture of complete equipment using laser components, see manufacturing class by type of machinery (e.g. medical laser equipment), see 26601
manufacture of photocopy machinery, see 28231
manufacture of ophthalmic goods, see 32502

2711 Manufacture of electric motors, generators and transformers

27111 Manufacture of electric motors, generators and transformers

Manufacture of magnetic and optical media

Manufacture of magnetic and optical media

Manufacture of magnetic and optical media

- manufacture of blank magnetic audio and video tapes
- manufacture of blank magnetic audio and video cassettes
- manufacture of blank diskettes
- manufacture of blank optical discs
- manufacture of hard drive media
- manufacture of magnetic stripe cards

Does not belong here:

reproduction of recorded media (computer media, sound, video, etc.), see 182

Manufacture of electrical equipment

Manufacture of products that generate, distribute and use electrical power; manufacture of electrical lighting, signalling equipment and electric household appliances.

This division excludes the manufacture of electronic products (see division 26).

Manufacture of electric motors, generators, transformers and electricity distribution and control apparatus

Manufacture of power, distribution and specialty transformers; electric motors, generators, and motor generator sets.

Manufacture of all electric motors and transformers: AC, DC and AC/DC. – manufacture of electric motors (except internal combustion engine starting motors)

- manufacture of distribution transformers, electric
- manufacture of arc-welding transformers
- manufacture of fluorescent ballasts (i.e. transformers)
- manufacture of substation transformers for electric power distribution
- manufacture of transmission and distribution voltage regulators
- manufacture of power generators (except battery charging alternators for internal combustion engines)
- manufacture of motor generator sets (except turbine generator set units)
- rewinding of armatures on a factory basis

Does not belong here:

manufacture of electronic component-type transformers and switches, see

26111

manufacture of electric welding and soldering equipment, see 27901
manufacture of solid state inverters, rectifiers and converters, see 27901
manufacture of turbine-generator sets, see 28111
manufacture of starting motors and generators for internal combustion engines, see 29311

2712 Manufacture of electricity distribution and control apparatus

27121 Manufacture of electricity distribution and control apparatus –

manufacture of power circuit breakers

- manufacture of control panels for electric power distribution
- manufacture of electrical relays
- manufacture of duct for electrical switchboard apparatus
- manufacture of electric fuses
- manufacture of power switching equipment
- manufacture of electric power switches (except pushbutton, snap, solenoid, tumbler)
- manufacture of prime mover generator sets

Does not belong here:

manufacture of environmental controls and industrial process control instruments, see 26511
manufacture of switches for electrical circuits, such as pushbutton and snap switches, see 27331

272

2720 27201

Manufacture of non-rechargeable and rechargeable batteries. – manufacture of primary cells and primary batteries e.g. cells containing manganese dioxide, mercuric dioxide, silver oxide, etc.)
– manufacture of electric accumulators, including parts thereof (e.g. separators, containers, covers)
– manufacture of lead acid batteries
– manufacture of NiCad batteries
– manufacture of NiMH batteries
– manufacture of lithium batteries
– manufacture of dry cell batteries
– manufacture of wet cell batteries

273

2731 27311

Manufacture of batteries and accumulators

Manufacture of batteries and accumulators

Manufacture of batteries and accumulators

Manufacture of wiring and wiring devices

This group includes the manufacture of current-carrying wiring devices and non current-carrying wiring devices for wiring electrical circuits regardless of material.

Manufacture of fibre optic cables

Manufacture of fibre optic cables
– manufacture of fibre optic cable for data transmission or live transmission of images

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Also belong here:

- *manufacture of optical fibres, flakes*
- *manufacture of fibre optic cable*

Does not belong here:

manufacture of glass fibres or strand, see 23141
manufacture of optical cable sets or assemblies with connectors or other attachments, see depending on application, e.g. 26111

2732 Manufacture of other electronic and electric wires and cables 27321

Manufacture of other electronic and electric wires and cables – manufacture of insulated wire and cable, made of steel, copper, aluminium

Also belong here:

– manufacture of coaxial cable and coaxial electrical wiring

Does not belong here:

manufacture (drawing) of wire, see 24341, 24411, 24421, 24431, 24441, 24451

manufacture of computer cables, printer cables, USB cables and similar cable sets or assemblies, see 26111

manufacture of electrical cord sets with insulated wire and connectors, see 27901

manufacture of cable sets, wiring harnesses and similar cable sets or assemblies for automotive applications, see 29311

2733 27331

Manufacture of wiring devices

Manufacture of wiring devices

This class includes the manufacture of current-carrying and non current carrying wiring devices for electrical circuits regardless of material. – manufacture of current-carrying and non current-carrying wiring devices – manufacture of bus bars, electrical conductors (except switchgear-type) – manufacture of GFCI (ground fault circuit interrupters) – manufacture of lamp holders – manufacture of lightning arrestors and coils – manufacture of switches for electrical wiring (e.g. pressure, pushbutton, snap, tumbler switches)

– manufacture of electrical outlets or sockets

– manufacture of boxes for electrical wiring (e.g. junction, outlet, switch boxes) –

manufacture of electrical conduit and fitting – manufacture of transmission pole and line hardware

– manufacture of plastic non-current-carrying wiring devices including plastic junction boxes, face plates and similar, plastic pole line fittings and switch covers

Does not belong here:

manufacture of ceramic insulators, see 23431

manufacture of electronic component-type connectors, sockets, and switches, see 26111

274 Manufacture of electric lighting equipment

2740 Manufacture of electric lighting equipment

27401 Manufacture of electric lighting equipment

- manufacture of table lamps
- manufacture of Christmas tree lighting sets
- manufacture of electric fireplace logs
- manufacture of flashlights
- manufacture of electric insect lamps
- manufacture of lanterns (e.g. carbide, electric, gas, gasoline, kerosene) - manufacture of spotlights
- manufacture of street lighting fixtures (except traffic signals) - manufacture of lighting equipment for transportation equipment (e.g. for motor vehicles, aircraft, boats)
- manufacture of non-electrical lighting equipment

Does not belong here:

manufacture of glassware and glass parts for lighting fixtures, see 2319 manufacture of current-carrying wiring devices for lighting fixtures, see 2733 manufacture of ceiling fans or bath fans with integrated lighting fixtures, see 2751

manufacture of electrical signalling equipment such as traffic lights and pedestrian signalling equipment, see 27901 manufacture of electrical signs, see 27901

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Manufacture of domestic appliances

Manufacture of gas, liquid/solid fuel domestic appliances and small electric appliances and electric house wares, household-type fans, household-type vacuum cleaners, electric household-type floor care machines, household-type cooking appliances, household-type laundry equipment, household-type refrigerators, upright and chest freezers, and other electrical and non-electrical household appliances, such as dishwashers, water heaters, and garbage disposal units.

2751 27511

Manufacture of electric light bulbs and tubes and parts and components thereof (except glass blanks for electric light bulbs), electric lighting fixtures and lighting fixture components (except current-carrying wiring devices).

- manufacture of discharge, incandescent, fluorescent, ultra-violet, infra-red etc. lamps, fixtures and bulbs
- manufacture of ceiling lighting fixtures
- manufacture of chandeliers

Manufacture of electric domestic appliances

Manufacture of electric domestic appliances

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2790 27901

- manufacture of domestic electric appliances:
- refrigerators
- freezers
- dishwashers
- washing and drying machines
- vacuum cleaners
- floor polishers
- waste disposers
- grinders, blenders, juice squeezers
- tin openers
- electric shavers, electric toothbrushes, and other electric personal care devices
- knife sharpeners
- ventilating or recycling hoods
- manufacture of domestic electrothermic appliances:
- electric water heaters
- electric blankets
- electric dryers, combs, brushes, curlers
- electric smoothing irons
- space heaters and household-type fans, portable
- electric ovens
- microwave ovens
- cookers, hotplates
- toasters
- coffee or tea makers
- frying pans, roasters, grills

– electric heating resistors, etc.

Also belong here:

– *manufacture of steam generators for health caps*

Does not belong here:

manufacture of commercial and industrial refrigerators and freezers, room air conditioners, attic fans, permanent mount space heaters, and commercial ventilation and exhaust fans, commercial-type cooking equipment; commercial type laundry, dry-cleaning, and pressing equipment; commercial, industrial, and institutional vacuum cleaners, see division 28 manufacture of household-type sewing machines, see 28941 installation of central vacuum cleaning systems, 43299

Manufacture of non-electric domestic

appliances

Manufacture of non-electric domestic appliances

– manufacture of domestic non-electric cooking and heating equipment (e.g. non-electric space heaters, cooking ranges, grates, stoves, water heaters, cooking appliances, plate warmers)

Also belong here:

– *manufacture of oil-stoves*

Manufacture of other electrical equipment

Manufacture of other electrical equipment

Manufacture of other electrical equipment