# MANUFACTURING

- 10 Manufacture of food products
- 11 Manufacture of beverages
- 12 Manufacture of tobacco products
- 13 Manufacture of textiles
- 14 Manufacture of wearing apparel
- 15 Manufacture of leather and related products
- 16 Manufacture of wood and products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials
- 17 Manufacture of paper and paper products
- 18 Printing and reproduction of recorded media
- 19 Manufacture of coke and refined petroleum products
- 20 Manufacture of chemicals and chemical products
- 21 Manufacture of basic pharmaceutical products and pharmaceutical preparations
- 22 Manufacture of rubber and plastics products
- 23 Manufacture of other non-metallic mineral products
- 24 Manufacture of basic metals
- 25 Manufacture of fabricated metal products, except machinery and equipment
- 26 Manufacture of computer, electronic and optical products
- 27 Manufacture of electrical equipment
- 28 Manufacture of machinery and equipment n.e.c.
- 29 Manufacture of motor vehicles, trailers and semi-trailers
- 30 Manufacture of other transport equipment
- 31 Manufacture of furniture
- 32 Other manufacturing
- 33 Repair and installation of machinery and equipment

MSIC 2008 Ver. 1.0

#### **SECTION C: MANUFACTURING**

LEVEL	MSIC 2008 Ver. 1.0
DIVISION	24
GROUP	71
CLASS	137
ITEM	259

This section, Manufacturing, includes the physical or chemical transformation of materials, substances, or components into new products, although 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.

This section includes manufacture of food products, beverages, tobacco products, textile, wearing apparel, leather, wood and products of wood and cork (except furniture), articles of straw and plaiting materials, paper and paper products, printing and reproduction of recorded media, coke and refined petroleum products, chemicals and chemical products, basic pharmaceutical products and pharmaceutical properties, rubber and plastic products, other non-metallic mineral product, basic metal, fabricated metal products, except machinery and equipment, computer, electronic and optical products, electrical equipment, machinery and equipment n.e.c., motor vehicles trailers and semi-trailers, other transport equipment, other manufacturing, repair and installation of machinery and equipment.

Units engaged in manufacturing are often described as plants, factories or mills and characteristically use power-driven machines and materials-handling equipment. However, units that transform materials or substances into new products by hand or in the worker's home and those engaged in selling to the general public of products made on the same premises from which they are sold, such as bakeries and custom tailors, are also included in this section. Manufacturing units may process materials or may contract with other units to process their materials for them. Both types of units are included in manufacturing.

The output of a manufacturing process may be finished in the sense that it is ready for utilization 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 specialized 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 unspecialized 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. However, making specialized components and accessories by moulding or extruding plastics materials is included in class 2220.

Assembly of the component parts of manufactured products is considered manufacturing. This includes the assembly of manufactured products from either self-produced or purchased components.

The recovery of waste, i.e. such as the processing of waste into secondary raw materials is classified in class 3830 (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.

Specialized 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). However, 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 specialized activity, is classified in 3320.

Remark: The boundaries of manufacturing and the other sectors of the classification system can be somewhat blurry. As a general rule, the activities in the manufacturing section involve the transformation of materials into new products. Their output is a new product. However, the definition of what constitutes a new product can be somewhat subjective. As clarification, the following activities are considered manufacturing in MSIC is milk pasteurizing and bottling (see 1050), fresh fish processing (oyster shucking, fish filleting), not done on a fishing boat (see 1020), printing and related activities (see 1811, 1812), ready-mixed concrete production (see 2395), leather converting (see 1511), wood preserving (see 1610), electroplating, plating, metal heat treating, and polishing (see 2592), rebuilding or remanufacturing machinery (e.g. automobile engines, see 2910) and tyre retreading (see 2211).

Conversely, there are activities that, although sometimes involving transformation processes, are classified in other sections of MSIC; in other words, they are not classified as manufacturing. They include logging, classified in section A (Agriculture, forestry and fishing); beneficiating of agricultural products, classified in section A (Agriculture, forestry and fishing); 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) and activities of breaking bulk and redistribution in smaller lots, including packaging, repackaging, or bottling products, such as liquors or chemicals; sorting of scrap;

mixing paints to customer order; and cutting metals to customer order, produce a modified version of the same product are classified to section G (Wholesale and retail trade; repair of motor vehicles and motorcycles).



#### DIVISION 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 organized 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. However, where the processing is minimal and does not lead to a real transformation, the unit is classified to Wholesale and retail trade (section G).

Production of animal feeds from slaughter waste or by-products is classified in 1080, while processing food and beverage waste into secondary raw material is classified to 3830, and disposal of food and beverage waste in 3821.

#### GROUP 101 Processing and preserving of meat

This group includes operation of slaughterhouses engaged in killing, dressing or packing meat: beef, pork, poultry, lamb, rabbit, mutton, camel, etc., production of fresh, chilled or frozen meat, in carcasses, production of fresh, chilled or frozen meat, in cuts, production of fresh, chilled or frozen meat, in individual portions, production of dried, salted or smoked meat and production of meat products such as sausages, salami, puddings, "andouillettes", saveloys, bolognas, pâtés, rillettes, boiled ham. Slaughtering and processing of whales on land or on specialized 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 and production of feathers and down also included in this group.

### GROUP 102 Processing and preserving of fish, crustaceans and molluscs

This group includes preparation and preservation of fish, crustaceans and molluscs: freezing, deep-freezing, drying, smoking, salting, immersing in brine, canning, etc., production of fish, crustacean and mollusc products: cooked fish,



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 and processing of seaweed.

#### GROUP 103 Processing and preserving of fruits and vegetables

This group includes manufacture of food consisting chiefly of fruit or vegetables, except ready-made dishes in frozen or canned form, preserving of fruit, nuts or vegetables: freezing, drying, immersing in oil or in vinegar, canning, etc., manufacture of fruit or vegetable food products, manufacture of fruit or vegetable juices, manufacture of jams, marmalades and table jellies, processing and preserving of potatoes. This group also include roasting of nuts, manufacture of nut foods and pastes, industrial peeling of potatoes, production of concentrates from fresh fruits and vegetables, manufacture of perishable prepared foods of fruit and vegetables, such as salads, peeled or cut vegetables and tofu (bean curd).

#### GROUP 104 Manufacture of vegetable and animal oils and fats

This group includes 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. This group includes 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 margarine, manufacture of mélanges and similar spreads, manufacture of compound cooking fats, manufacture of non-edible animal oils and fats, extraction of fish and marine mammal oils and production of cotton linters, oilcakes and other residual products of oil production.

#### GROUP 105 Manufacture of dairy products

This group includes manufacture of fresh liquid milk, pasteurized, sterilized, homogenized and/or ultra heat treated, manufacture of milk-based drinks, manufacture of cream from fresh liquid milk, pasteurized, sterilized, homogenized, manufacture of dried or concentrated milk whether or not sweetened, manufacture of milk or cream in solid form, manufacture of butter, manufacture of yoghurt, manufacture of cheese and curd, manufacture of whey, manufacture of casein or lactose and manufacture of ice cream and other edible ice such as sorbet.

## GROUP 106 Manufacture of grain mill products, starches and starch products

This group includes the milling of flour or meal from grains or vegetables, the milling, cleaning and polishing of rice, as well as the manufacture of flour mixes

or dough from these products. Also included in this group are the wet milling of corn and vegetables and the manufacture of starch and starch products.

#### **GROUP 107** Manufacture of other food products

This group includes the production of a variety of food products not included in previous groups of this division. This includes the production of bakery products, sugar and confectionery, macaroni noodles and similar products, prepared meals and dishes, coffee, tea and spices as well as perishable and specialty food products.

#### GROUP 108 Manufacture of prepared animal feeds

This group includes manufacture of prepared feeds for pets, including dogs, cats, birds, fish, etc., manufacture of prepared feeds for farm animals, including animal feed concentrated and feed supplements, preparation of unmixed (single) feeds for farm animals and treatment of slaughter waste to produce animal feeds.

C

MSIC 2008 Ver. 1.0

SECTION C



DIVISION 10 : MANUFACTURE OF FOOD PRODUCTS Group 101 : Processing and preserving of meat

CLAS	S ITEM	DESCRIPTION	MSIC 2000
1010(1)	)	Processing and preserving of meat	
	10101	Processing and preserving of meat and production meat products <sup>(2)</sup>	of 15119p
	10102	Processing and preserving of poultry and poultry products <sup>(3)</sup>	15111p
	10103	Production of hides and skins originating from slaughterhouses <sup>(4)</sup>	15111p, 15119p
(1) Excludes:		(a) manufacture of prepared frozen meat and pou (b) manufacture of soup containing meat, see 107 (c) wholesale trade of meat, see 46311 (d) packaging of meat, see 8292	
(2) Includes:		<ul> <li>(a) production of fresh, chilled or frozen meat, in of production of fresh, chilled or frozen meat, in of production of fresh, chilled or frozen meat, in of production of dried, salted or smoked meat production of meat products (e.g. sausages, soft) rendering of lard and other edible fats of anime production of fresh chilled or frozen meat of of production of fresh, chilled or frozen edible goat and swine</li> <li>(i) production of frozen bovine tongue</li> <li>(j) production of fresh chilled or frozen offal of ostalest</li> </ul>	cuts ndividual portions alami boiled ham, etc.) al origin strich and rabbit offal of bovine, sheep,
(3)	Includes:	<ul> <li>(a) production of fresh, chilled or frozen poultry, ir</li> <li>(b) production of fresh, chilled or frozen poultry, ir</li> <li>(c) production of fresh, chilled or frozen poultry, ir</li> <li>(d) production of dried, salted or smoked poultry</li> <li>(e) production of poultry products (e.g. sausages,</li> <li>(f) production of fresh, chilled or frozen meat qua</li> <li>(g) production of fresh, chilled or frozen offal of churkey</li> </ul>	n cuts n individual portions etc.) il
(4)	Includes:	<ul> <li>(a) fellmongery</li> <li>(b) production of bone</li> <li>(c) production of pulled wool</li> <li>(d) production of feathers or down</li> </ul>	

DIVISION 10 : MANUFACTURE OF FOOD PRODUCTS Group 101 : Processing and preserving of meat



(	CLASS	ITEM	DESCRIPTION	MSIC 2000
		10104	Operation of slaughterhouses engaged in killing, dressing or packing meat <sup>(1)</sup>	15111p, 15119p
		10109	Processing and preserving of meat n.e.c. <sup>(2)</sup>	15119p
(1)	In	cludes:	beef, poultry, lamb, mutton, pork, etc.	
(2)	In	cludes:	processing of whales on land or specialized vessels	



DIVISION 10 : MANUFACTURE OF FOOD PRODUCTS
Group 102 : Processing and preserving of fish, crustaceans and molluscs

CLA	SS ITE	M	DES	CCRIPTION	MSIC 2000			
1020 <sup>(1)</sup>			Processing and preserving of fish, crustaceans and molluscs					
	102	201	Can	ning of fish, crustaceans and molluscs	15120p			
	102	202		sessing, curing and preserving of fish, crustacean molluscs <sup>(2)</sup>	15120p			
	102	203		fluction of fish meals for human consumption or nal feed $^{(3)}$	15120p			
	102	204	Proc	duction of keropok including keropok lekor(4)	15120p, 15497p			
	102	205	Proc	sessing of seaweed	05001p			
(1)	Exclude	es:	(a) (b) (c) (d)	processing of whales on land or specialized vessels, production of oils and fats from marine material, see manufacture of prepared frozen fish dishes, see 1079 manufacture of fish soups, see 10799	10407			
(2)	Include	es:	(a) (b) (c) (d)	cooked fish, fish fillet, roes, caviar, caviar substitutes fish ball, fish cake deep-freezing, drying, smoking, salting, immersing etc. activities of vessels engaged only in the processing fish	in brine, canning,			
(3)	Include	es:	(a) (b)	production of meals and solubles from fish and other unfit for human consumption production of fish meals for human consumption or a				
(4)	Include	es:	kero	pok of fish, shrimps, squids, crabs, etc.				

MSIC 2008 Ver. 1.0

DIVISION 10 : MANUFACTURE OF FOOD PRODUCTS
Group 103 : Processing and preserving of fruits and vegetables

		3 1 3 3	
CLAS	S ITEM	DESCRIPTION	MSIC 2000
1030(1)		Processing and preserving of fruits and vegetables	6
	10301	Manufacture of fruit and vegetable food products(2)	15139p
	10302	Manufacture of fruit and vegetable juices(3)	15139p
	10303	Pineapple canning <sup>(4)</sup>	15131
	10304	Manufacture of jams, marmalades and table jellies <sup>(5)</sup>	15139p
	10305	Manufacture of nuts and nut products <sup>(6)</sup>	15495
	10306	Manufacture of bean curd products <sup>(7)</sup>	15149p
(1)	Includes:	dehydration by artificial means	
	Excludes:	(a) manufacture of flour or meal of dried legumin 10613	-
		<ul> <li>(b) preservation of fruit and nuts in sugar, see 10732</li> <li>(c) manufacture of prepared frozen vegetable dishes</li> <li>(d) manufacture of artificial concentrates, see 10799</li> </ul>	
(2)	Includes:	<ul> <li>(a) manufacture of food consisting chiefly of fruit, dishes in frozen or canned form</li> <li>(b) preserving of fruit (e.g. freezing, drying, immersing)</li> </ul>	
		<ul><li>(b) preserving of fruit (e.g. freezing, drying, immersir canning, etc.)</li></ul>	ig iii oli ol iii viilegal,
		<ul> <li>(c) manufacture of food consisting chiefly of vege made dishes in frozen or canned form</li> </ul>	tables except ready-
		<ul><li>(d) preserving of vegetables (e.g. freezing, drying, i vinegar, canning, etc.)</li></ul>	mmersing in oil or in
		(e) manufacture of frozen potatoes, kerepek,	potato chips from
		vegetables (uncooked) (f) manufacture of perishable prepared food and vegetables.	getables (e.g. salads,
		peeled or cut vegetables) (g) manufacture of dehydrated mashed potatoes and	I frozen potatoes
(3)	Includes:	production of concentrates from fresh fruits and pineapples	vegetables except
(4)	Includes:	canning of pineapple juice and jam	
(5)	Excludes:	jams, marmalades and table jellies made from pineapp	le, see 10303
(6)	Includes:	<ul><li>(a) roasting of nuts</li><li>(b) manufacture of nut foods and pastes</li></ul>	
(7)	Includes:	manufacture of tofu and fucuk	



DIVISION 10 : MANUFACTURE OF FOOD PRODUCTS
Group 104 : Manufacture of vegetable and animal oils and fats

CLAS	S ITEM	DESCRIPTION		MSIC 2000
1040 <sup>(1)</sup>		Manufacture of ve	getable and animal oils and fats	;
	10401	Manufacture of crud	le palm oil	15142
	10402	Manufacture of refin	ned palm oil	15143
	10403	Manufacture of paln	n kernel oil	15144
	10404	Manufacture of crud	de and refined vegetable oil(2)	15149p
	10405	Manufacture of coco	onut oil <sup>(3)</sup>	15141
	10406	Manufacture of com	pound cooking fats(4)	15149p
	10407	Manufacture of anin	nal oils and fats <sup>(5)</sup>	15149p
(1)	1) Excludes: (a) rendering and refining of lard and other edible animal far (b) wet corn milling, see 10621 (c) production of essential oils, see 20299 (d) treatment of oil and fats by chemical processes, see 2029			
(2)	Includes:	b) manufacture o c) manufacture o d) processing of hydrogenation e) production of production f) manufacture o kernel g) manufacture o soya oil, sunflo	cotton linter, oil cake and other r of non-defatted flour or meal of o of other food vegetable oil n.e.c	esidual products of oil il seed, oil nut and oil . (e.g. maize/corn oil,
(3)	Includes:	manufacture of crud	le and refined coconut, coconut ca	akes and copra
(4)	Includes:	a) manufacture o b) manufacture o	f margarine f mélanges and similar spreads	
(5)	Includes:	anhydrous mill b) manufacture o c) extraction of fis d) production of t e) rendering of fa	of fats and oils derived from milk k fat, etc.) f non-edible animal oils and fats shand marine mammal oils allow and other edible fats of animals origin il of animal origin	

DIVISION 10 : MANUFACTURE OF FOOD PRODUCTS Group 105 : Manufacture of dairy products

CLASS	ITEM	DESCRIPTION	MSIC 2000
1050 <sup>(1)</sup>		Manufacture of dairy products	
	10501	Manufacture of ice cream and other edible ice such as sorbet	15201
	10502	Manufacture of condensed, powdered and evaporated $\mbox{milk}^{(2)}$	15202
	10509	Manufacture of other dairy products n.e.c. <sup>(3)</sup>	15209

(1)	Excludes:	(a) (b) (c) (d) (e)	production of raw milk (cattle), see 0141 production of raw milk (camels, etc.), see 0143 production of raw milk (e.g. sheep, goats, horses, asses, etc.), see 0144 manufacture of non-dairy milk and cheese substitutes, see 10799 activities of ice cream parlours, see 56104
(2)	Includes:	(a) (b) (c) (d)	manufacture of fresh liquid milk, pasteurized, sterilized, homogenized and/or ultra heat treated manufacture of cream from fresh liquid milk, pasteurized, sterilized, homogenized manufacture of dried or concentrated milk whether or not sweetened manufacture of infant formula milk
(3)	Includes:	(a) (b) (c) (d) (e) (f) (g)	manufacture of milk-based soft drinks manufactured of milk or cream in solid form manufactured of yoghurt manufacture of casein or lactose manufacture of cheese and cheese products manufacture of butter manufacture of follow up milk and other follow up foods

SECTION C



DIVISION 10 : MANUFACTURE OF FOOD PRODUCTS
Group 106 : Manufacture of grain mill products, starches and starch products

CLASS	ITEM	DESCRIPTION	MSIC 2000
1061(1)		Manufacture of grain mill products	
	10611	Rice milling <sup>(2)</sup>	15311
	10612	Provision of milling services	15319p
	10613	Flour milling <sup>(3)</sup>	15312
	10619	Manufacture of grain mill products n.e.c.(4)	15319
1062(5)		Manufacture of starches and starch products	
	10621	Manufacture of starches and starch products <sup>(6)</sup>	15321, 15322p 15323p, 15329
	10622	Manufacture of glucose, glucose syrup, maltose, inulin	15322p
	10623	Manufacture of sago and tapioca flour/products	15323
(3) In	cludes:	<ul> <li>(a) production of flour or meal of dried leguminous or tubers or of edible nuts</li> <li>(b) production of rice flour</li> <li>(c) milling to produce rice flour, soya bean flour, who and the like</li> <li>(d) manufacture of roots (e.g. potatoes), potato flour and the like</li> </ul>	eat flour, gram flou
(4) In	cludes:	manufacture of receal breakfast foods     manufacture of flour mixes and prepared blended bread, cakes, biscuits or pancakes	
(5) Ex	ccludes:	<ul><li>(a) manufacture of lactose (milk sugar), see 10509</li><li>(b) production of cane or beet sugar, see 1072</li></ul>	
(6) <b>I</b> n	cludes:	<ul> <li>(a) manufacture of starches from rice, potatoes, maize</li> <li>(b) wet corn milling</li> <li>(c) manufacture of gluten</li> <li>(d) manufacture of tapioca and tapioca substitute preparent</li> </ul>	

DIVISION 10 : MANUFACTURE OF FOOD PRODUCTS Group 107 : Manufacture of other food products



CLA	SS	ITEM	DES	SCRIPTION	MSIC 2000
1071 <sup>(1)</sup>			Mar	nufacture of bakery products	
		10711	Mar	nufacture of biscuits and cookies(2)	15411
		10712		nufacture of bread, cakes and other bakery ducts <sup>(3)</sup>	15412
		10713	Mar	nufacture of snack products(4)	15497p
		10714	Mar	nufacture of frozen bakery products <sup>(5)</sup>	15412p
1072	<b>2</b> (6)		Mar	nufacture of sugar	
		10721	Mar	nufacture of sugar	15420p
		10722	Mar	nufacture of sugar products <sup>(7)</sup>	15420p
(1)	1) Excludes:		(a) (b)	manufacture of farinaceous products (pastas), s heating up of bakery items for immediate cons 56	
(2)	Includes:		mar	oufacture of rusks	
(3)	) Includes:		(a) (b) (c) (d)	manufacture of bread and rolls manufacture of fresh pastry, pies, tarts, prod dessert (e.g. egg custard), etc. manufacture of preserved pastry goods, etc. manufacture of dry and other bakery products in	
(4)	Inc	cludes:	crackers, pretzels, potato snacks, potato crisps, etc., whether swe salted		
(5)	Inc	ludes:	s: pancakes, waffles, rolls, <i>roti canai, murtabak</i> , etc.		
(6)	Inc	eludes:	(a) (b) (c)	manufacture of refining of sugar (sucrose) and s juice of cane, beet, maple and palm manufacture of sugar syrups manufacture of molasses	ugar substitutes from
	Ex	cludes:	mar	nufacture of glucose, glucose syrup, maltose, inulii	n, see 10622
(7)	Inc	ludes:	gula melaka, gula enau, etc.		



DIVISION 10 : MANUFACTURE OF FOOD PRODUCTS Group 107 : Manufacture of other food products

CLAS	S ITEM	DES	SCRIPTION	MSIC 2000
1073(1)			nufacture of cocoa, chocolate and sugar fectionery	
	10731	Man	sufacture of cocoa products(2)	15431
	10732	Man	sufacture of chocolate and chocolate products <sup>(3)</sup>	15432
	10733	Man	ufacture of sugar confectionery(4)	15432p
1074(5	)		ufacture of macaroni, noodles, couscous and ilar farinaceous products	
	10741		sufacture of <i>meehoon</i> , noodles and other related lucts <sup>(6)</sup>	15440p
	10742	Man	sufacture of pastas <sup>(7)</sup>	15440p
(1)	Excludes:	man	ufacture of sucrose sugar, see 1072	
(2)	Includes:	man	ufacture of cocoa mass, cocoa butter/oil/fat, cocoa oder	cake, cocoa
(3)	Includes:	(a) (b)	manufacture of chocolate and chocolate confection manufacture of semi-process cocoa product such a lock, chocolate chip, chocolate nugget, chocolate r	as chocolate
(4)	Includes:	(a) (b) (c)	manufacture of-caramels, nougats, white chocolate manufacture of chewing gum manufacture of confectionery lozenges and pastille	
(5)	Includes:	(a) (b)	manufacture of canned or frozen pasta products manufacture of couscous	
	Excludes:	(a) (b)	manufacture of soup containing pasta, see 10799 manufacture of prepared couscous dishes, see 10	75
(6)	Includes:		ufacture of instant noodles, cendol, kuay teow, vernicelli (laksa), glass noodles	micelli, transparen
(7)	Includes:	man prod	ufacture of spaghetti, macaroni, couscous and simil lucts	ar farinaceous

DIVISION 10 : MANUFACTURE OF FOOD PRODUCTS Group 107 : Manufacture of other food products

CLASS	ITEM	DESCRIPTION	MSIC 2000
1075(1)		Manufacture of prepared meals and dishes	
	10750	Manufacture of prepared meals and dishes	15111p, 15119p, 15120p, 15499p
1079(2)		Manufacture of other food products n.e.c.	
	10791	Manufacture of coffee <sup>(3)</sup>	15492
	10792	Manufacture of tea <sup>(4)</sup>	15493

	10792	iviar	nutacture of tea(4)	15493
(1)	Includes:	(a) (b) (c) (d) (e) (f) (g) (h)	manufacture of meat or poultry dishes manufacture of canned stews and vacuum manufacture of other prepared meals (e.g. manufacture of prepared frozen fish dishes manufacture of prepared dishes of vegetal manufacture of frozen or otherwise preserv manufacture of prepared couscous dishes manufacturing of perishable prepared foo (uncooked) pizza]	TV dinners, etc.) s, including fish and chips bles yed pizza
	Excludes:	(a) (b) (c) (d)	manufacture of fresh food or foods with onl division 10 wholesale of prepared meals and dishes, s retail sale of prepared meals and dishes in activities of food service contractors, see 5	see group 463 stores, see 4711 and 4721
(2)	Excludes:	(a) (b) (c) (d) (e) (f)	growing of spice crops, see 0128 manufacture of inulin, see 10622 manufacture of perishable prepared foods salads, peeled vegetables, bean curd), see manufacture of frozen pizza, see 1075 manufacture of spirits, beer, wine and soft preparation of botanical products for pharm	e 1030 drinks, see division 11
(3)	Includes:	(a) (b) (c)	decaffeinating and roasting of coffee production of coffee products (e.g. grou extract and concentrates of coffee) manufacture of coffee substitutes	and coffee, soluble coffee,
(4)	Includes:	(a) (b)	blending of tea and mate extracts and preparations based on tea or	mate

SECTION C

MSIC 2008 Ver. 1.0



DIVISION 10 : MANUFACTURE OF FOOD PRODUCTS Group 107 : Manufacture of other food products

CLA	ASS	ITEM	DES	CRIPTION	MSIC 2000
		10793	Manı	ufacture of sauces and condiments <sup>(1)</sup>	15496
		10794	Manu	ufacture of spices and curry powder(2)	15494
		10795	Manı	ufacture of egg products(3)	15499p
		10799	Manı	afacture of other food products n.e.c.(4)	15499p, 24290p
(1)	Incl	udes:	(a)	mayonnaise, mustard flour and meal, prepared extracts	mustard, flavouring
			(b)	manufacture of sauces including flavouring extract	s such as
			(c)	monosodium glutamate manufacture of other sauces and condiments, n.e.	C.
(2)	Incl	udes:	(a) (b) (c)	white and black pepper powder manufacture of herb infusions (e.g. mint, vervain, c manufacture of other spices n.e.c.	chamomile, etc.)
(3)	Incl	udes:	(a) (b) (c) (d) (e) (f) (g)	manufacture of liquid egg products manufacture of frozen egg products manufacture of dried, heat coagulated egg product production of salted-cured egg production of alkaline treated eggs production of canned egg manufacture of egg albumin	s
(4)	Incl	udes:	(a) (b) (c) (d) (e) (f) (g) (h) (i) (j)	manufacture of vinegar manufacture of artificial honey and caramel manufacture of yeast manufacture of extracts and juices of meat, fish, or molluscs manufacture of non-dairy milk (soya) and cheese s manufacture of baby foods manufacture of soups and broths, canned or packe processing of salt into food-grade salt (e.g. iodized manufacture of artificial concentrates foods containing homogenized ingredients	substitutes

SECTION C

C

DIVISION 10 : MANUFACTURE OF FOOD PRODUCTS Group 108 : Manufacture of prepared animal feeds

CLASS	ITEM	DES	SCRIPTION	MSIC 2000	
1080(1)		Man	Manufacture of prepared animal feeds		
	10800	Man	nufacture of prepared animal feeds	15330	
(')	cludes: xcludes:	(a) (b) (c) (d) (a) (b) (c)	manufacture of prepared feeds for pets (e.g. do etc.) manufacture of prepared feeds for farm anima feed concentrated and feed supplements preparation of unmixed (single) feeds for farm anima treatment of slaughter waste to produce animals for production of fishmeal for animal feed, see 10203 production of oilseed cake, see 10404 activities resulting in by products usable as a special treatment, e.g. oilseeds (see 1040), grain 10619), etc.	ls, including animal mals eeds	

## C

#### DIVISION 11 MANUFACTURE OF BEVERAGES

This division includes the 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.

This division excludes the production of fruit and vegetable juices (see class 1030), the manufacture of milk-based drinks (see class 1050) and the manufacture of coffee, tea and maté products (see class 1079).

#### GROUP 110 Manufacture of beverages

This group includes distilling, rectifying and blending of spirits, manufacture of wines; manufacture of malt liquors and malt, manufacture of soft drinks; production of mineral water and bottled water.

(3)

Includes:

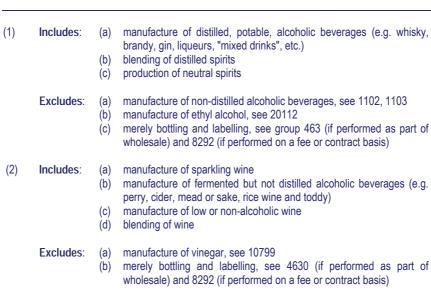
(a)

(b)

manufacture of malt

DIVISION 11 : MANUFACTURE OF BEVERAGES Group 110 : Manufacture of beverages

CLASS	ITEM	DESCRIPTION	MSIC 2000
1101(1)		Distilling, rectifying and blending of spirits	
	11010	Distilling, rectifying and blending of spirits	15510
1102(2)		Manufacture of wines	
	11020	Manufacture of wines	15520
1103(3)		Manufacture of malt liquors and malt	
	11030	Manufacture of malt liquors and malt	15530



manufacture of malt liquors (e.g. beer, ale, porter and stout)

manufacture of low alcohol or non-alcoholic beer



DIVISION 11 : MANUFACTURE OF BEVERAGES Group 110 : Manufacture of beverages

CLAS	S ITEM	DESCRIPTION	MSIC 2000
1104 <sup>(1)</sup>		Manufacture of soft drinks; production of mineral waters and other bottled waters	
	11041	Manufacture of soft drinks <sup>(2)</sup>	15541
	11042	Production of natural mineral water and other bottled water	15542
(1)	Excludes:	(a) production of fruit and vegetable juice, see 10302 (b) manufacture of milk-based drinks, see 10509 (c) manufacture of coffee, tea and maté products, see (d) manufacture of alcohol-based drinks, see 1101, 11 (e) manufacture of non-alcoholic wine, see 1102 (f) manufacture of non-alcoholic beer, see 1103 (g) merely bottling and labelling, see group 463 (if per wholesale) and 8292 (if performed on a fee or control	02, 1103 erformed as part of
(2) Includes:		<ul> <li>(a) manufacture of non-alcoholic beverages, except and wine</li> <li>(b) manufacture of soft drinks (non-alcoholic flavoured waters, e.g. lemonade, orangeade, cola, fruit dretc.)</li> </ul>	d and/or sweetened

#### DIVISION 12 MANUFACTURE OF TOBACCO PRODUCTS

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



#### **GROUP 120** Manufacture of tobacco products

This group includes manufacture of tobacco products and products of tobacco substitutes, manufacture of "homogenized" or "reconstituted" tobacco and stemming and redrying of tobacco.



DIVISION 12 : MANUFACTURE OF TOBACCO PRODUCTS Group 120 : Manufacture of tobacco products

CLA	SS	ITEM	DES	SCRIPTION	MSIC 2000
1200	<b>)</b> <sup>(1)</sup>	12000		nufacture of tobacco products nufacture of tobacco products	16000
(1)	lno	cludes:	(a) (b) (c)	manufacture of tobacco products and prod such as cigarettes, cigarettes tobacco, ciga manufacture of "homogenized" or "reconsti stemming and redrying of tobacco	ars, chewing tobacco, etc.
	Ex	cludes:	grov	ving or preliminary processing of tobacco, se	e 01150, 01632

#### DIVISION 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 2030. Manufacture of wearing apparel is covered in division 14.

#### GROUP 131 Spinning, weaving and finishing of textiles

This group includes the manufacture of textiles, including preparatory operations, the spinning of textile fibres and the 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.

Also included in this group is the finishing of textiles and wearing apparel, i.e.: bleaching, dyeing, dressing and similar activities.

#### **GROUP 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.



DIVISION 13 : MANUFACTURE OF TEXTILES
Group 131 : Spinning, weaving and finishing of textiles

CLASS	S ITEM	DESCRIPTION	MSIC 2000
1311 <sup>(1)</sup>		Preparation and spinning of textile fibres	
	13110	Preparation and spinning of textile fibres	17111p, 17112p
1312 <sup>(2)</sup>		Weaving of textiles	
	13120	Weaving of textiles	17111p, 17112p
(1) Includes:		preparatory operations on textiles fibres     spinning and manufacture of yarn or tread to the trade or for further processing     manufacture of paper yarn     spinning of synthetic or artificial fibres	for weaving or sewing, for
	Excludes:	<ul> <li>(a) preparatory operations carried out in comb farming, see division 01</li> <li>(b) retting of plants bearing vegetable textile fetc.), see 0116</li> <li>(c) cotton ginning, see 01631</li> <li>(d) manufacture of synthetic or artificial fibres single yarns (including high-tenacity yarn synthetic or artificial fibres, see 2030</li> <li>(e) manufacture of glass fibres, see 23109</li> </ul>	ibres (e.g. jute, flax, coir, and tows, manufacture of
(2)	Includes:	<ul> <li>(a) manufacture of broad woven cotton-type, et or artificial or synthetic yarns</li> <li>(b) manufacture of other broad woven fabrics</li> <li>(c) manufacture of imitation furs (long-hair cloth)</li> </ul>	·
	Excludes:	(a) manufacture of textile floor coverings, see 13 (b) manufacture of non-woven fabrics and felts, (c) manufacture of narrow fabrics, see 1399 (d) manufacture of knitted and crocheted fabrics	see 1399

DIVISION 13 : MANUFACTURE OF TEXTILES
Group 131 : Spinning, weaving and finishing of textiles

CLAS	SS ITEM	DESCRIPTION	MSIC 2000
1313	(1)	Finishing of textiles	
	13131	Batik making <sup>(2)</sup>	17122
	13132	Dyeing, bleaching, printing and finishing of yarns and fabrics <sup>(3)</sup>	17121
	13139	Other finishing of textiles <sup>(4)</sup>	17210p
(1) Excludes:		manufacture of textile fabric impregnated, coated, cov with rubber, where rubber is the chief constituent, see 22	
(2)	Includes:	silk screen printing on textiles and wearing apparel	
(3)	Includes:	<ul><li>(a) bleaching and dyeing of textiles fibres, yarns, articles, including wearing apparel</li><li>(b) bleaching of jeans</li></ul>	fabrics and textile
(4)	Includes:	<ul> <li>(a) dressing, drying, steaming, shrinking, men mercerizing of textiles and textile articles, including</li> <li>(b) pleating and similar work on textiles</li> <li>(c) waterproofing, coating, rubberizing or impreg garments</li> </ul>	•



DIVISION 13 : MANUFACTURE OF TEXTILES Group 139 : Manufacture of other textiles

CLA	SS	ITEM	DES	SCRIPTION	MSIC 2000
1391	<b>1</b> (1)		Mar	nufacture of knitted and crocheted fabrics	
		13910	Man	sufacture of knitted and crocheted fabrics	17300p
1392	1392 <sup>(2)</sup>		Man app	oufacture of made-up textile articles, except arel	
		13921		ufacture of made-up articles of any textile erials, including of knitted or crocheted fabrics <sup>(3)</sup>	17210p
		13922	Man	ufacture of made-up furnishing articles(4)	17210p
(1)	Inc	cludes:	man	ufacture of imitation fur by knitting	
	Ex	cludes:	(a) (b)	manufacture of net and window furnishing type fab on Raschel or similar machines, see 1399 manufacture of knitted and crocheted apparel, see 1	
(2)	Ex	cludes:	man	ufacture of textile articles for technical use, see 1399	
(3)	Inc	cludes:	(a) (b) (c)	manufacture of blankets, including travelling rugs manufacture of bed, table, toilet or kitchen linen manufacture of quilts, eiderdowns, cushions, sleeping bas, etc.	pouffes, pillows,
(4)	Inc	cludes:	(a) (b) (c) (d) (e)	manufacture of curtains, valances, blinds, bedsprimachine covers, etc. manufacture of tarpaulins, tents, camping goods, loose covers for cars, machine, furniture, etc. manufacture of flags, banners, pennants, etc. manufacture of dust cloths, dishcloths and similar a parachutes, etc. manufacture of other made-up furnishing articles n.e.	sails, sun blinds,

DIVISION 13 : MANUFACTURE OF TEXTILES Group 139 : Manufacture of other textiles

CLAS	S ITEM	DES	SCRIPTION	MSIC 2000
1393(	1)	Man	nufacture of carpets and rugs	
	13930	Man	ufacture of carpets and rugs	17220
1394	2)	Man	ufacture of cordage, rope, twine and netting	
	13940	Man	ufacture of cordage, rope, twine and netting	17230p
(1)	Includes:	(a) (b) (c)	manufacture of needle-loom felt floor coverings manufacture of textile floor coverings manufacture of mats or matting of textiles materials	
	Excludes:	(a) (b) (c)	manufacture of mats and matting of plaiting materials manufacture of floor coverings of cork, see 16292 manufacture of resilient floor coverings (e.g. viny 22209	
(2)	Includes:	(a)	manufacture of twine, cordage, rope and cables	of textiles fibres,
		(b)	knotted netting of twine, cordage or rope manufacture of products of rope or netting (e.g. fis fenders, unloading cushions, loading slings, rope or metal rings, etc.)	
	Excludes:	(a) (b)	manufacture of hair nets, see 14109 manufacture of wire rope, see 25992	

MSIC 2008 Ver. 1.0

C

DIVISION 13 : MANUFACTURE OF TEXTILES Group 139 : Manufacture of other textiles

ITEM	DESCRIPTION	MSIC 2000
	Manufacture of other textiles n.e.c.	
13990	Manufacture of other textiles n.e.c.	17291, 17299
		Manufacture of other textiles n.e.c.

#### (1) Includes:

 (a) manufacture of narrow woven fabrics, including fabrics consisting of warp without weft assembled by means of an adhesive

SECTION C

- (b) manufacture of labels, badges, etc.
- (c) manufacture of ornamental trimmings (e.g. braids, tassels, pompons, etc.)
- (d) manufacture of felt
- (e) manufacture of non-woven fabrics
- (f) manufacture of tulles and other net fabrics, and of lace and embroidery, in the piece, in strips or in motifs
- (g) manufacture of fabrics, impregnated, coated, covered or laminated with plastics
- (h) manufacture of metallized yarn or gimped yarn or gimped yarn, rubber thread and cord covered with textile material, textiles yarn or strip covered, impregnated, coated or sheathed with rubber or plastics
- (i) manufacture of tyre cord fabric of high-tenacity man-made yarn
- manufacture of other treated or coated fabrics (e.g. tracing cloth, canvas prepared for use by painters, buckram an similar stiffened textile fabrics, fabrics coated with gum or amylaceous substances)
- manufacture of diverse textile articles (e.g. textile wicks, incandescent gas mantles and tubular gas, lighter wicks)
- mantle fabric, hose piping, transmission or conveyor belts or belting, bolting cloth, straining cloth
- (m) automotive trimmings
- (n) manufacture of pressure sensitive cloth-tape
- (o) artists canvas boards and tracing cloth
- (p) manufacture of shoe-lace, of textiles
- (q) manufacture of powder puffs and mitts
- r) handicraft spinning and weaving

#### Excludes:

- (a) manufacture of needle-loom felt floor coverings, see 1393
- (b) manufacture of textile wadding and articles of wadding (e.g. sanitary towels, tampons, etc.), see 17092
- (c) 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 22191
- (d) manufacture of plates or sheets of cellular rubber or plastic combined with textiles for reinforcing purposes only, see 2219, 2220
- (e) manufacture of cloth of woven metal wire, see 25992

#### DIVISION 14 MANUFACTURE OF WEARING APPAREL

This division includes all tailoring (ready-to-wear or made-to-measure), in all materials (e.g. leather, fabric, knitted and crocheted fabrics, etc.), of all items of clothing (e.g. outerwear, underwear for men, women or children; work, city or casual clothing, etc.) and accessories. 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).

#### GROUP 141 Manufacture of wearing apparel, except fur apparel

This group includes the manufacture of wearing apparel. The material used may be of any kind (see below for exceptions) and may be coated, impregnated or rubberized.

#### GROUP 142 Manufacture of articles of fur

This group includes manufacture of articles made of fur skins such as fur wearing apparel and clothing accessories, assemblies of fur skins such as "dropped" fur skins, plates, mats, strips, etc. and diverse articles of fur skins: rugs, unstuffed pouffes, industrial polishing cloths.

#### GROUP 143 Manufacture of knitted and crocheted apparel

This group includes manufacture of knitted or crocheted wearing apparel and other made-up articles directly into shape: pullovers, cardigans, jerseys, waistcoats and similar articles and manufacture of hosiery, including socks, tights and pantyhose.





DIVISION 14 : MANUFACTURE OF WEARING APPAREL
Group 141 : Manufacture of wearing apparel, except fur apparel

CLASS	S ITEM	DESCRIPTION	MSIC 2000
1410(1)	ı	Manufacture of wearing apparel, except fur app	parel
	14101	Manufacture of specific wearing apparel <sup>(2)</sup>	18101p, 18102p, 18109p
	14102	Manufacture of clothings <sup>(3)</sup>	18101p
	14103	Custom tailoring	18102p
	14109	Manufacture of other clothing accessories <sup>(4)</sup>	18109p
(1)	Excludes:	(a) manufacture of wearing apparel of fur skins 1420	s (except headgear), see
		<ul> <li>(b) manufacture of footwear, see 1520</li> <li>(c) manufacture of wearing apparel of rubber of by stitching but merely sealed together, see 2</li> </ul>	
		(d) manufacture of leather sports gloves and spo	
		<ul><li>(e) manufacture of safety headgear (except spot</li><li>(f) manufacture of fire-resistant and protective s</li></ul>	
		(g) repair of wearing apparel, see 95292	latety clothing, see 32909
(2)	Includes:	(a) wearing apparel made of leather or compleather industrial work accessories as welder	
		(b) manufacture of work wear and service appa surgical gown, work overalls, uniform)	
		(c) manufacture of school uniforms, etc.	
		(d) manufacture of apparel of elastic fabrics	
(3)	Includes:	(a) manufacture of other outerwear made of wo fabric, non-woven, etc. for men, women and	•
		(b) manufacture of underwear and nightwear m crocheted fabric, lace, etc. for men, women a	nade of woven, knitted or
		(c) manufacture of babies garments, tracksuits,	
		(d) contract manufacturing of clothing	
		(e) manufacture of elastic fabrics cloth	
(4)	Includes:	(a) manufacture of hats and caps	
		<ul><li>(b) manufacture of gloves, belts, shawls, ties, cre</li><li>(c) manufacture of headgear of fur skins</li></ul>	avats, hairnets, etc.
		(d) manufacture of footwear of textile material wi	ithout applied soles
		(e) manufacture of parts of the products listed	
		(f) manufacture of apparel trimmed with fur	

DIVISION 14 : MANUFACTURE OF WEARING APPAREL Group 142 : Manufacture of articles of fur

CL	ASS	ITEM	DES	SCRIPTION	MSIC 2000
1420 <sup>(1)</sup>		14200		Manufacture of articles of fur Manufacture of articles made of fur skins 18200p	
(1)	Includes:		(a) (b) (c)	diverse articles of fur skin (e.g. rugs, unstuffed pouffes, industrial polishing cloths)	
	Ex	cludes:	(a) (b) (c) (d) (e) (f) (g)	production of raw fur skins, see 0149, 0170 production of raw hides and skins, see 10103 manufacture of imitation furs (long-hair cloth obknitting), see 1312, 1391 manufacture of fur hats, see 14109 manufacture of apparel trimmed with fur, see 14 dressing and dyeing of fur, see 15110 manufacture of boots or shoes containing fur par	109



DIVISION 14 : MANUFACTURE OF WEARING APPAREL Group 143 : Manufacture of knitted and crocheted apparel

CL	ASS	ITEM	DES	SCRIPTION	MSIC 2000
143	O <sup>(1)</sup>	14300		nufacture of knitted and crocheted apparel nufacture of knitted and crocheted apparel	17300p
(1) Includes:		cludes:	(a) (b)	up articles directly into shape (e.g. pullovers, cardigans, jerseys, waistcoats and similar articles)	
Excludes:		manufacture of knitted and crocheted fabrics, see 13910			

#### DIVISION 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. The products made from leather substitutes are included here, since they are made in ways similar to those in which leather products are made (e.g. luggage) and are often produced in the same unit.

GROUP 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.

#### **GROUP 152** Manufacture of footwear

This group includes manufacture of footwear for all purposes, of any material, by any process, including moulding; manufacture of leather parts of footwear: manufacture of uppers and parts of uppers, outer and inner soles, heels, etc. and manufacture of gaiters, leggings and similar articles.





: MANUFACTURE OF LEATHER AND RELATED PRODUCTS

: Tanning and dressing of leather; manufacture of luggage, handbags, saddlery and harness; dressing and dyeing of fur Group 151

CLASS	ITEM	DESCRIPTION	MSIC 2000
1511 <sup>(1)</sup>		Tanning and dressing of leather; dressing and dyeing of fur	
	15110	Tanning and dressing of leather; dressing and dyeing of fur	19110, 18200p
1512 <sup>(2)</sup>		Manufacture of luggage, handbags and the like, saddlery and harness	
	15120	Manufacture of luggage, handbags and the like, saddlery and harness	19120
(1) <b>In</b>	cludes:	tanning, dyeing and dressing of hides and skins, e scraping, currying, tanning, bleaching, shearing dyeing of fur skins and hides with the hair on	
Ех	ccludes:	<ul> <li>(a) production of hides and skins as part of ranching,</li> <li>(b) production of hides and skins as part of slaughtering</li> <li>(c) manufacture of leather apparel, see 1410</li> <li>(d) manufacture of imitation leather not based on a 2219, 2220</li> </ul>	ng, see 10103
(2) Ind	cludes:	manufacture of luggage, handbags and the composition leather or any other materials technology is used as for leather     manufacture of non-metallic watch straps (e.g. fall etc.)     manufacture of diverse articles of leather or computiving belts, packing, etc.)     manufacture of plastic luggage     manufacture of saddlery and harness     manufacture of whips and riding crops	where the same pric, leather, plastic,
Ex	cludes:	(a) manufacture of leather wearing apparel, see 1410 manufacture of leather gloves and hats, see 1410 manufacture of footwear, see 1520 manufacture of saddles for bicycles, see 3092 manufacture of precious metal watch bands, see 3 manufacture of non-precious metal watch bands, see 3 manufacture of linemen's safety belts and other buse, see 32909	9 211 see 3212

DIVISION 15 : MANUFACTURE OF LEATHER AND RELATED PRODUCTS Group 152 : Manufacture of footwear

CLAS	S ITEM	DESCRIPTION	MSIC 2000
1520 <sup>(1)</sup>		Manufacture of footwear	
	15201	Manufacture of leather footwear <sup>(2)</sup>	19200p
	15202	Manufacture of plastic footwear	19200p
	15203	Manufacture of rubber footwear	19200p
	15209	Manufacture of other footwear n.e.c. <sup>(3)</sup>	19200p
moulding		moulding	,
	Excludes:	<ul> <li>(a) manufacture of footwear of textile material 14109</li> <li>(b) manufacture of plastic footwear parts, see</li> <li>(c) manufacture of rubber boot and shoe hor rubber footwear parts, see 22191</li> <li>(d) manufacture of wooden shoe parts (e.g. here) manufacture of ski-boots, see 3230</li> </ul>	22202 leels and soles and other
(2)	Includes:	manufacture of leather parts of footwear (e.g. uppers and parts of upper, outer and inner soles, heels, etc.)	
(3)	Includes:	(a) manufacture of boots or shoes containing f (b) manufacture of wooden footwear	ur parts



#### **DIVISION 16**

# MANUFACTURE OF WOOD AND PRODUCTS OF WOOD AND CORK, EXCEPT FURNITURE; MANUFACTURE OF ARTICLES OF STRAW AND PLAITING MATERIALS

This division includes the manufacture of wood products, such as lumber, plywood, veneers, wood containers, wood flooring, wood trusses, and prefabricated wood buildings. The production processes include sawing, planning, 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. The lumber or other transformed wood shapes may also be subsequently planed or smoothed, and assembled into finished products, such as wood containers. With the exception of sawmilling, this division is subdivided mainly based on the specific products manufactured.

This division excludes the manufacture of furniture (3100) or the installation of wooden fittings and the like (4330).

# GROUP 161 Sawmilling and planning of wood

This group includes sawing, planning and machining of wood, slicing, peeling or chipping logs, manufacture of wooden railway sleepers, manufacture of unassembled wooden flooring, manufacture of wood wool, wood flour, chips, particles, drying of wood and impregnation or chemical treatment of wood with preservatives or other materials.

# GROUP 162 Manufacture of products of wood, cork, straw and plaiting materials

This group includes the manufacture of products of wood, cork, straw or plaiting materials, including basic shapes as well as assembled products.

DIVISION 16 : MANUFACTURE OF WOOD AND OF PRODUCTS OF WOOD AND CORK, EXCEPT FURNITURE; MANUFACTURE OF ARTICLES OF STRAW AND

see 16221

PLAITING MATERIALS
: Sawmilling and planning of wood Group 161

CLAS	SS ITEM	DESCRIPTION	MSIC 2000
1610	(1)	Sawmilling and planning of wood	
	16100	Sawmilling and planning of wood	20100
(1)	Includes:	<ul> <li>(a) sawmilling, planning, machining, drying of wo</li> <li>(b) manufacture of unassembled wooden floorin</li> <li>(c) impregnation or chemical treatment of woor other materials</li> <li>(d) manufacture of wooden railway sleepers</li> <li>(e) manufacture of wood wool, wood flour, chips</li> </ul>	g wood with preservatives
	Excludes:	<ul> <li>(a) logging and production of wood in the rough,</li> <li>(b) manufacture of veneer sheets thin enou boards and panels, see 16211</li> <li>(c) manufacture of shingles and shakes, boards</li> </ul>	gh for use in plywood,



DIVISION 16 : MANUFACTURE OF WOOD AND OF PRODUCTS OF WOOD AND CORK, EXCEPT FURNITURE; MANUFACTURE OF ARTICLES OF STRAW AND

PLAITING MATERIALS

: Manufacture of products of wood, cork, straw and plaiting materials Group 162

CL	ASS	ITEM		DESCRIPTION	MSIC 2000
16	21			Manufacture of veneer sheets and wood-based panels	
		16211		Manufacture of veneer sheets and plywood <sup>(1)</sup>	20211, 20212p
		16212		Manufacture of particle board and fibreboard	20212p
16	<b>22</b> <sup>(2)</sup>		ı	Manufacture of builders' carpentry and joinery	
		16221		Manufacture of builders' carpentry <sup>(3)</sup>	20220p
		16222		Manufacture of joinery wood products <sup>(4)</sup>	20220p
16	23 <sup>(5)</sup>			Manufacture of wooden containers	
(1)	Inclu	des:	(a)	making plywood or other purpose	
			(b) (c) (d)	boards and sheets manufacture of glue laminated wood, laminated venee	
(2)	Exclu		(a) (b)	manufacture of kitchen cabinets, bookcases, war 3100	drobes, etc., see
			(c)	manufacture of wood partitions, free standing, see 310	00
(3)	Inclu		(a)	construction industry	
			(b)	predominantly of wood	ereof,
			(c) (d) (e)	manufacture of blocks for the manufacture of smoking	
(4)	Inclu	des:	ma	nufacture of wood partitions (except free standing)	
(5)	Inclu	des:	(a) (b) (c) (d)	packing of wood manufacture of pallets, box pallets and other boards o manufacture of barrels, vats, tubs and other coopers' page 1	f wood
	Exclu		(a) (b)		

DIVISION 16 : MANUFACTURE OF WOOD AND OF PRODUCTS OF WOOD AND CORK, EXCEPT FURNITURE; MANUFACTURE OF ARTICLES OF STRAW AND

PLAITING MATERIALS

Group 162 : Manufacture of products of wood, cork, straw and plaiting materials

C	

-			
CLASS	ITEM	DESCRIPTION	MSIC 2000
	16230	Manufacture of wooden containers	20230p
1629 <sup>(1)</sup>		Manufacture of other products of wood; manufacture of articles of cork, straw and plaiting materials	
	16291	Manufacture of wood charcoal	20291
	16292	Manufacture of other products of wood, cane, articles of cork, straw and plaiting materials <sup>(2)</sup>	19200p, 20299, 20230p, 36999p
(1) E	excludes:	(a) manufacture of mats or matting of textile materials, (b) manufacture of luggage, see 15120 (c) manufacture of wooden footwear, see 15209 (d) manufacture of matches, see 20299 (e) manufacture of clock cases, see 2652 (f) manufacture of wooden spools and bobbins that machinery, see 2826 (g) manufacture of furniture, see 3100 (h) manufacture of wooden toys, see 3240 (i) manufacture of cork life preservers, see 32909 (j) manufacture of brushes and brooms, see 32909 (k) manufacture of caskets, see 32909	
(2)	ncludes:	<ul> <li>(a) wooden handles and bodies for tools, brooms, b utensils and kitchenware of wood; wooden statuett wood marquetry, inlaid wood; wooden cases of jev similar articles; wooden spools, cops, bobbins, so and similar articles of turned wood</li> <li>(b) floor covering, mats, matting, screens, cases, etc wickerwork; wooden mirror and picture frames; canvases; wooden shoe parts; handles for umbrellar manufacture of cane containers and similar, etc.</li> </ul>	es and omaments, wellery, cutlery and ewing thread reels .; basket-ware and frames for artists'

(c) manufacture of cases of plaiting materials

# DIVISION 17 MANUFACTURE OF PAPER AND PAPER PRODUCTS



This division 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 impurities in wood or used paper. The manufacture of paper involves matting these fibres into a sheet. Converted paper products are made from paper and other materials by various cutting and shaping techniques, including coating and laminating activities. The paper articles may be printed (e.g. wallpaper, gift wrap, etc.), as long as the printing of information is not the main purpose.

The production of pulp, paper and paperboard in bulk is included in class 1701, while the remaining classes include the production of further-processed paper and paper products.

# **GROUP 170** Manufacture of paper and paper products

This group includes manufacture of pulp, paper and paperboard; manufacture of corrugated paper and paperboard and of containers of paper and paperboard; manufacture of other articles of paper and paperboard.

DIVISION 17 : MANUFACTURE OF PAPER AND PAPER PRODUCTS

Group 170 : Manufacture of paper and paper products

CLASS	ITEM	DE	SCRIPTION	MSIC 2000
1701 <sup>(1)</sup>		Mai	nufacture of pulp, paper and paperboard	
	17010	Mai	nufacture of pulp, paper and paperboard	21010, 21091
(1) Ir	ncludes:	(a) (b) (c) (d) (e) (f) (g) (h) (i) (j) (k) (l) (m)	manufacture of newsprint and other printing or writin manufacture of carbon paper or stencil paper in rolls manufacture of bleached, semi-bleached or unbleach by mechanical, chemical (dissolving or non-dissolving chemical processes) manufacture of cotton-linters pulp removal of ink and manufacture of pulp from waste processing further processing of paper and paperboard intended for processing of paper and paperboard:  • coating, covering and impregnation of paper and manufacture of crêped or crinkled paper  • manufacture of laminates and foils, if laminated we paperboard manufacture of handmade paper manufacture of cellulose wadding and webs of cellul manufacture of printing and writing paper ready for us manufacture of self-copy paper ready for use manufacture of duplicator stencils and carbon paper	or large sheets hed paper pulp g or semi- haper further industrial caperboard ith paper or ose fibres se e



- (a) manufacture of corrugated paper and paperboard, see 17020
- (b) manufacture of coated or impregnated paper, where the coating or impregnate is the main ingredient, see class in which the manufacture of the coating or impregnate is classified
- (c) manufacture of abrasive paper, see 2399



DIVISION 17 : MANUFACTURE OF PAPER AND PAPER PRODUCTS
Group 170 : Manufacture of paper and paper products

CLASS	ITEM	DESCRIPTION	MSIC 2000
1702(1)		Manufacture of corrugated paper and paperboard and of containers of paper and paperboard	
	17020	Manufacture of corrugated paper and paperboard and of containers of paper and paperboard	21020
(1) Ir	ncludes:	(a) manufacture of corrugated paper and paperboard (b) manufacture of containers of corrugated paper and (c) manufacture of folding paperboard containers (d) manufacture of containers of solid board (e) manufacture of other containers of paper and paper (f) manufacture of sacks and bags of paper (g) manufacture of office box files and similar articles	
E	xcludes:	(a) manufacture of envelopes and letter-card, see 1709 (b) manufacture of moulded or pressed articles of pap for packing eggs, moulded pulp paper plates, etc.),	er pulp (e.g. boxes

DIVISION 17 : MANUFACTURE OF PAPER AND PAPER PRODUCTS
Group 170 : Manufacture of paper and paper products

CLA	SS	ITEM	DES	SCRIPTION	MSIC 2000
1709	<b>)</b> (1)			sufacture of other articles of paper and erboard	
		17091	Man	sufacture of envelopes and letter-card(2)	21092
		17092	Man pap	ufacture of household and personal hygiene er <sup>(3)</sup>	21093, 21094, 21095
(1)	Exc	ludes:	(a) (b) (c) (d)	manufacture of paper or paperboard in bulk, see 170 printing on paper products, see 1811 manufacture of playing cards, see 3240 manufacture of games and toys of paper or paperboard.	
(2)	Inc	ludes:	man	ufacture of correspondence cards or plain postcards	
(3)	Inc	ludes:	(a) (b) (c) (d) (e) (f)	manufacture of cleansing tissue manufacture of handkerchiefs, towels and serviettes manufacture of toilet paper manufacture of textile wadding and articles of waddin and tampons manufacture of napkins and napkins liners for babies manufacture of cups, dishes and tray	





DIVISION 17 : MANUFACTURE OF PAPER AND PAPER PRODUCTS
Group 170 : Manufacture of paper and paper products

CLAS	S ITEM	DESCRIPTION	MSIC 2000
	17093	Manufacture of gummed or adhesive paper in strips or rolls and labels and wall paper <sup>(1)</sup>	21096
	17094	Manufacture of effigies, funeral paper goods, joss paper	21097
	17099	Manufacture of other articles of paper and paperboard n.e.c. $^{(2)}$	21099
(1)	Includes:	manufacture of label, whether printed or not	
(2)	Includes:	<ul> <li>(a) manufacture of cigarette papers and Chinese lantern manufacture of boxes, pouches, wallets and writing compendiums</li> <li>(c) manufacture of filter paper and paperboard</li> <li>(d) manufacture of paper novelties</li> <li>(e) manufacture of paper and paperboard bobbins (e.g. cops, etc.)</li> <li>(f) manufacture of egg trays and other moulded pulp paper products, etc.</li> <li>(g) manufacture of registers, accounting books, binders similar educational and commercial stationery</li> </ul>	spools, ackaging

#### DIVISION 18 PRINTING AND REPRODUCTION OF RECORDED MEDIA

This division 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. The support activities included here are an integral part of the printing industry, and a product (a printing plate, a bound book, or a computer disk or file) that is an integral part of the printing industry is almost always provided by these operations.

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 flexography 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).

# GROUP 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.

#### GROUP 182 Reproduction of recorded media

This group includes 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 and reproduction from master copies of software and data on discs and tapes.





DIVISION 18 : PRINTING AND REPRODUCTION OF RECORDED MEDIA Group 181 : Printing and service activities related to printing

CLAS	SS ITEM	DESCRIPTION	MSIC 2000
1811	(1)	Printing	
	18110	Printing	22210
1812		Service activities related to printing	
	18120	Service activities related to printing <sup>(2)</sup>	22220
(1)	Includes:	(a) printing or reprinting of newspapers, magazine books and brochures, music and music man posters, advertising catalogues, prospectus advertising, postage stamps, taxation stam cheques and other security papers, smart catalogues forms and other commercial prostationery and other printed matter by letter photogravure, flexography and other printing machines, computer printers, embossers, etc. (b) printing directly onto textiles, plastic, glass, more (except silk-screen printing on textiles and wear flexography printing, etc.)	uscripts, maps, atlases, ses and other printed ps, documents of title, ards, diaries, calendars, inted matter; personal erpress, oggset, offset, ng presses, duplication, including quick printing etal, wood and ceramics aring apparel)
	Excludes:	<ul> <li>(a) silk screen-printing on textiles and wearing ap</li> <li>(b) manufacture of paper articles (e.g. binders), so</li> <li>(c) publishing of printed matter, see group 581</li> <li>(d) photocopying of documents, see 82196</li> </ul>	
(2)	Includes:	<ul> <li>(a) binding of printing sheets</li> <li>(b) composition, typesetting, phototypesetting, pwork</li> <li>(c) plate-making service</li> <li>(d) other graphic activities such as die-sinking or copying, punching and drilling, embossing, valuellating and insetting, creasing</li> </ul>	die-stamping, Braille

DIVISION 18 : PRINTING AND REPRODUCTION OF RECORDED MEDIA Group 182 : Reproduction of recorded media

CLASS	ITEM	DES	SCRIPTION	MSIC 2000
1820 <sup>(1)</sup>		Rep	roduction of recorded media	
	18200	Rep	roduction of recorded media	22300
(1) <b>In</b>	cludes:	(a)	reproduction from master copies of gramophone discs and tapes with music or other sound recordings	
		(b)	reproduction from master copies of records, compact with pictures and other video recordings	
		(c)	reproduction from master copies of software and d tapes	ata on discs and
		(d)	reproduction of recorded media (computer media, so	und, video, etc.)
Ex	cludes:	(a)	reproduction of printed matter, see 1811	
		(c)	publishing of software, see 5820 production and distribution of motion pictures, videot on DVD or similar media, see 5911, 5912, 5913	apes and movies
		(d)	reproduction of motion picture films for theatrical 59120	distribution, see
		(e)	production of master copies for records or audio mate	erial, see 5920



#### DIVISION 19 MANUFACTURE OF COKE AND REFINED PETROLEUM PRODUCTS

This division 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 such gases in other units (2011), manufacture of industrial gases (2011), extraction of natural gas (methane, ethane, butane or propane) (0600), and manufacture of fuel gas, other than petroleum gases (e.g. coal gas, water gas, producer gas, gasworks gas) (3520).

The manufacture of petrochemicals from refined petroleum is classified in division 20.

# **GROUP 191** Manufacture of coke oven products

This group includes operation of coke ovens, production of coke and semi-coke, production of pitch and pitch coke, production of coke oven gas, production of crude coal and lignite tars and agglomeration of coke.

# GROUP 192 Manufacture of refined petroleum products

This group 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.

DIVISION 19: MANUFACTURE OF COKE AND REFINED PETROLEUM PRODUCTS Group 191: Manufacture of coke oven products

C

CLASS	ITEM	DESCRIPTION	MSIC 2000
1910		Manufacture of coke oven products	
	19100	Manufacture of coke oven products <sup>(1)</sup>	23100

(1) Includes:
(a) operation of coke ovens
(b) production of coke and semi-coke
(c) production pitch and pitch coke
(d) production coke oven gas
(e) production crude coal and lignite tars
(f) agglomeration of coke



DIVISION 19 : MANUFACTURE OF COKE AND REFINED PETROLEUM PRODUCTS Group 192 : Manufacture of refined petroleum products

CLASS	ITEM	DESCRIPTION	MSIC 2000
1920		Manufacture of refined petroleum product	ts
	19201	Manufacture of refined petroleum products(1)	23200p
	19202	Manufacture of bio-diesel products	23200p
(1) Inc	eludes:	<ul> <li>(a) production of motor fuel (e.g. gasoline,</li> <li>(b) production of fuel (e.g. light, medium gases such as ethane, propane, butane manufacture of oil-based lubricating of waste oil</li> <li>(d) manufacture of products for the petro manufacture of road coverings</li> <li>(e) manufacture of various products (e.g. wax, petroleum jelly, etc.)</li> <li>(f) manufacture of hard-coal and lignite fuel manufacture of petroleum briquettes</li> <li>(h) blending of bio fuels, i.e. blending of gasohol)</li> <li>(i) recovery of liquefied petroleum gases in liquefaction and processing of natural gasing produce purified natural gasing or liquefied</li> </ul>	n and heavy fuel oil, refinery e, etc.) oils or greases, including from ochemical industry and for the white spirit, Vaseline, paraffinel briquettes alcohols with petroleum (e.g. in the refining of petroleum las, done off mine site (e.g. of condensate or natural gas to

Excludes: manufacture of bio-diesel products, see 19202

#### DIVISION 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.

GROUP 201 Manufacture of basic chemicals, fertilizer and nitrogen compounds, plastics and synthetic rubber in primary forms

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

# GROUP 202 Manufacture of other chemical products

This group includes the manufacture of chemical products other than basic chemicals and man-made fibres. This includes the manufacture of a variety of goods such as pesticides, paints and inks, soap, cleaning preparations, perfumes and toilet preparations, explosives and pyrotechnic products, chemical preparations for photographic uses (including film and sensitized paper), gelatines, composite diagnostic preparations, etc.

# GROUP 203 Manufacture of man-made fibres

This group includes manufacture of synthetic or artificial 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 and manufacture of synthetic or artificial monofilament or strip.





DIVISION 20 : MANUFACTURE OF CHEMICALS AND CHEMICAL PRODUCTS
Group 201 : Manufacture of basic chemicals, fertilizer and nitrogen compounds, plastic and synthetic rubber in primary forms

CLASS	ITEM	DESCRIPTION	MSIC 2000
2011(1)		Manufacture of basic chemicals	
	20111	Manufacture of liquefied or compressed inorganic industrial or medical gases	24111
	20112	Manufacture of basic organic chemicals <sup>(2)</sup>	24119p
(1) E	xcludes:	(a) extraction of methane, ethane, butane or propa manufacture of fuel gases such as ethane, b petroleum refinery, see 19201 (c) manufacture of nitrogenous fertilizers and nitr 20129 (d) manufacture of ammonia, see 20129 (e) manufacture of ammonium chloride, see 20129 (f) manufacture of nitrites and nitrates of potassiun manufacture of ammonium carbonates, see 20 (h) manufacture of plastics in primary forms, see 20 (i) manufacture of synthetic rubber in primary form manufacture of prepared dyes and pigments, see manufacture of crude glycerol, see 20231 (l) manufacture of natural essential oils, see 20299 (m) manufacture of salicylic and O-acetylsalicylic accordinates.	utane or propane in a ogen compounds, see on, see 20129 129 121 131 1s, see 20132 129 2022
(2) Ir	ncludes:	<ul> <li>(a) manufacture of dyes and pigments from any concentrate</li> <li>(b) other organic compounds, including wood discharcoal), etc.</li> <li>(c) manufacture of ethyl alcohol</li> <li>(d) manufacture of glycerol, synthesized from petro</li> </ul>	stillation products (e.g.

DIVISION 20 : MANUFACTURE OF CHEMICALS AND CHEMICAL PRODUCTS

Group 201 : Manufacture of basic chemicals, fertilizer and nitrogen compounds,

plastic and synthetic rubber in primary forms

CLAS	S ITEM	DES	CRIPTION	MSIC 2000
	20113	Manı	ufacture of inorganic compounds <sup>(1)</sup>	24119p
	20119	Manı	ufacture of other basic chemicals n.e.c.(2)	23300p, 24119p
<b>2012</b> <sup>(3</sup>	3)	Manı	ufacture of fertilizers and nitrogen compounds	6
	20121	Manu	ufacture of fertilizers	24120p
	20129	Manı	ufacture of associated nitrogen products <sup>(4)</sup>	24120p
(1)	Includes:	(a) (b) (c) (d) (e) (f)	manufacture of chemical elements manufacture of inorganic acids except nitric acid manufacture of alkalis, lyes and other inorga ammonia manufacture of other inorganic compounds manufacture of synthetic aromatic products manufacture of other basic chemicals n.e.c. ex nitrogen compounds	
(2)	Includes:	(a) (b) (c)	enrichment of uranium and thorium ores, roasting reprocessing of nuclear fuels manufacture of distilled water	g of iron pyrites
(3)	Excludes:	(a) (b)	mining of guano, see 08918 manufacture of agrochemical products (e.g. pest	icides), see 2021

(c) operation of compost dumps, see 38210

carbonate, nitrites and nitrates of potassium

(4)

Includes:

nitric and sulphonitric acids, ammonia, ammonium chloride, ammonium





DIVISION 20 : MANUFACTURE OF CHEMICALS AND CHEMICAL PRODUCTS
Group 201 : Manufacture of basic chemicals, fertilizer and nitrogen compounds, plastic and synthetic rubber in primary forms

CLAS	S ITEM	DESCRIPTION	MSIC 2000
2013(	1)	Manufacture of plastics and synthetic rubber in primary forms	
	20131	Manufacture of plastics in primary forms <sup>(2)</sup>	24130p
	20132	Manufacture of synthetic rubber in primary forms: synthetic rubber, factice	24130p
	20133	Manufacture of mixtures of synthetic rubber and natural rubber or rubber - like gums <sup>(3)</sup>	24130p
(1)	Excludes:	<ul> <li>(a) manufacture of artificial and synthetic fibres, filame 2030</li> <li>(b) shredding of plastic products, see 3830</li> </ul>	ents and yarn, see
(2)	Includes:	polymers, polyamides, phenolic and epoxide resins, poly polyester resins, polyethers, silicones, ion-exchangers	yurethanes, alkyd,
(3)	Includes:	manufacture of cellulose and its chemical derivatives	

DIVISION 20 : MANUFACTURE OF CHEMICALS AND CHEMICAL PRODUCTS Group 202 : Manufacture of other chemical products

CLAS	SS	ITEM	DESCRIPTION	MSIC 2000
2021	(1)		Manufacture of pesticides and other agrochemical products	
		20210	Manufacture of pesticides and other agrochemical products	24210
2022	(2)		Manufacture of paints, varnishes and similar coatings, printing ink and mastics	
		20221	Manufacture of paints, varnishes and similar coatings ink and mastics	24221
		20222	Manufacture of printing ink	24222
2023 <sup>(3)</sup>			Manufacture of soap and detergents, cleaning and polishing preparations, perfumes and toilet preparations	
(1)	Inc	ludes:	(a) manufacture of insecticides, rodenticides, fungicid (b) manufacture of anti-sprouting products, plants gro (c) manufacture of disinfectants (for agricultural and c manufacture of other agrochemical products n.e.c	wth regulators ther use)
	Exc	cludes:	manufacture of fertilizers and nitrogen compounds, see	20129
(2)	Inc	ludes:	<ul> <li>(a) manufacture of paints and varnishes, enamels or I manufacture of prepared pigments and dyes, opace of manufacture of vitrifiable enamels and glazes similar preparations</li> <li>(d) manufacture of mastics</li> <li>(e) manufacture of caulking compounds and similar or surfacing preparations</li> <li>(f) manufacture of organic composite solvents and the manufacture of prepared paints or varnish remover manufacture of printing ink</li> </ul>	ifiers and colours and engobes and non-refractory filling inners
	Exc	cludes:	<ul><li>(a) manufacture of dyestuffs and pigments, see 20112</li><li>(b) manufacture of writing and drawing ink, see 20292</li></ul>	
(3)	Exc	cludes:	<ul> <li>(a) manufacture of separate, chemically defined comp manufacture of glycerol, synthesized from petro 20112</li> </ul>	



(c) extraction and refining of natural essential oils, see 20299



DIVISION 20 : MANUFACTURE OF CHEMICALS AND CHEMICAL PRODUCTS Group 202 : Manufacture of other chemical products

CLAS	S ITEM	DESCRIPTION	MSIC 2000	
	20231	Manufacture of soap and detergents, cleaning and polishing preparations <sup>(1)</sup>	24240p	
	20232	Manufacture of perfumes and toilet preparations <sup>(2)</sup>	24240p	
(1) Includes:		(a) manufacture of organic surface-active agents (b) manufacture of soap for cleaning and polishing (c) manufacture of paper, wadding, felt, etc. coated or detergent (d) manufacture of crude glycerol (e) washing powders in solid or liquid form and detergent (f) dish-washing preparations (g) textile softeners (h) preparations for perfuming or deodorizing rooms (i) artificial waxes and prepared waxes (j) polishes and creams for leather (k) polishes and creams for wood (l) polishes for coachwork, glass and metal (m) scouring pastes and powders, including paper, was covered with these	gents	
(2)	Includes:	<ul> <li>(a) perfumes and toilet water</li> <li>(b) beauty and make-up preparations</li> <li>(c) sunburn prevention and suntan preparations</li> <li>(d) manicure and pedicure preparations</li> <li>(e) shampoos, hair lacquers, waving and straightening dentifrices and preparations for oral hygiene, inclupreparations and denture adhesives</li> <li>(g) shaving preparations, including pre-shave and after the deodorants and bath salts</li> <li>(i) manufacture of soap for toilet preparation including hath soaps</li> </ul>	uding denture fixative	

bath soaps

SECTION C

DIVISION 20 : MANUFACTURE OF CHEMICALS AND CHEMICAL PRODUCTS

Group 202 : Manufacture of other chemical products

CLASS	ITEM	DESCRIPTION	MSIC 2000
2029(1)		Manufacture of other chemical products n.e.c.	
	20291	Manufacture of photographic plates, films, sensitized paper and other sensitized unexposed materials	24290p
	20292	Manufacture of writing and drawing ink	24290p
	20299	Manufacture of other chemical products n.e.c. (2)	24290p, 36999p

#### (1) Excludes:

- (a) manufacture of chemically defined products in bulk, see 2011
- (b) manufacture of distilled water, see 20119
- (c) manufacture of synthetic aromatic products, see 20113
- (d) manufacture of printing ink, see 20222
- (e) manufacture of perfumes and toilet preparations, see 20232
- (f) manufacture of asphalt-based adhesives, see 2399

#### (2) Includes:

- (a) manufacture of propellant powders
- (b) manufacture of explosives and pyrotechnic products, including percussion caps, detonators, signalling flares, etc.
- (c) manufacture of gelatine and its derivatives, glues and prepared adhesives, including rubber-based glues and adhesives
- (d) manufacture of extracts of natural aromatic products
- (e) manufacture of resinoids
- (f) manufacture of aromatic distilled waters
- (g) manufacture of mixture of odoriferous products for the manufacture of perfumes or food
- (h) manufacture of chemical preparations for photographic uses
- (i) manufacture of various chemical products such peptones, peptone derivatives, other protein substances and their derivatives n.e.c., essential oils, chemically modified oils and fats, materials used in the finishing of textiles and leather, powders and pastes used in soldering, brazing or welding, substances used to pickle metal, prepared additives for cements, activated carbon, lubricating oil additives, prepared rubber accelerators, catalysts and other chemical products for industrial use, anti-knock preparations, antifreeze preparations, composite diagnostic or laboratory reagents
- (i) manufacture of matches
- (k) manufacture of scented joss sticks





DIVISION 20 : MANUFACTURE OF CHEMICALS AND CHEMICAL PRODUCTS Group 203 : Manufacture of man-made fibres

CLASS	S ITEM	DES	SCRIPTION	MSIC 2000
2030(1)		Mar	ufacture of man-made fibres	
	20300	Mar	ufacture of man-made fibres	24300
(1)	includes:	(a) (b) (c) (d)	manufacture of synthetic or artificial filament tow manufacture of synthetic or artificial staple fibres, r or otherwise processed for spinning manufacture of synthetic or artificial filament ya tenacity yarn manufacture of synthetic or artificial monofilament of	rn, including high-
I	Excludes:	(a) (b)	spinning of synthetic or artificial fibres, see 1311 manufacture of yarns made of man-made staple, see	ee 1311

# DIVISION 21 MANUFACTURE OF BASIC PHARMACEUTICAL PRODUCT AND PHARMACEUTICAL PREPARATIONS

This division includes the manufacture of basic pharmaceutical products and pharmaceutical preparations. This includes also the manufacture of medicinal chemical and botanical products.

# GROUP 210 Manufacture of pharmaceuticals, medicinal chemical and botanical products

This group includes manufacture of medicinal active substances to be used for their pharmacological properties in the manufacture of medicaments: antibiotics, basic vitamins, salicylic and O-acetylsalicylic acids, etc., processing of blood, manufacture of medicaments: anti-sera and other blood fractions, vaccines and diverse medicaments, including homeopathic preparations. Manufacture of chemical contraceptive products for external use and hormonal contraceptive medicaments, manufacture of medical diagnostic preparations, including pregnancy tests, manufacture of radioactive in-vivo diagnostic substances, manufacture of biotech pharmaceuticals, manufacture of chemically pure sugars, processing of glands and manufacture of extracts of glands, etc., manufacture of medical impregnated wadding, gauze, bandages, dressings, etc. and preparation of botanical products (grinding, grading, milling) for pharmaceutical use.





DIVISION 21 : MANUFACTURE OF BASIC PHARMACEUTICALS, MEDICINAL

CHEMICAL AND BOTANICAL PRODUCTS

: Manufacture of pharmaceuticals, medicinal chemical and botanical products Group 210

CLASS	ITEM	DESCRIPTION		MSIC 2000
2100 <sup>(1)</sup>		Manufacture of pharm chemical and botanica		
	21001		al active substances to be used al properties in the manufacture	24230p
	21002	Processing of blood		24230p
	21003	Manufacture of medicar	nents(3)	24230p
	21004	Manufacture of chemica	al contraceptive products <sup>(4)</sup>	24230p
(1)	Excludes:	see 10794 b) manufacture of do 3250 c) manufacture of both wholesale of pharm research and dever pharmaceuticals, s	erb infusions (e.g. mint, vervain, ental fillings, manufacture of done reconstruction cements, see 3 maceuticals, see 46421 maceuticals, see 47721 elopment for pharmaceuticals and see 72103 maceuticals, see 8292	ental cement, see
(2) Ir	ncludes:	antibiotics, basic vitamin	ns, salicylic and O-acetylsalicylic	acids, etc.
(3) Ir	ncludes:	a) anti-sera and other b) vaccines c) diverse medicame	r blood fractions nts, including homeopathic prepa	rations
			, , , , , , , , , , , , , , , , , , , ,	

DIVISION 21 : MANUFACTURE OF BASIC PHARMACEUTICALS, MEDICINAL

CHEMICAL AND BOTANICAL PRODUCTS

Group 210 : Manufacture of pharmaceuticals, medicinal chemical and botanical

products

CLASS	ITEM	DESCRIPTION	MSIC 2000
	21005	Manufacture of medical diagnostic preparation <sup>(1)</sup>	24230p
	21006	Manufacture of radioactive in-vivo diagnostic substances	24230p
	21007	Manufacture of biotech pharmaceuticals	24230p
	21009	Manufacture of other pharmaceuticals, medicinal chemical and botanical products n.e.c. <sup>(2)</sup>	24230p

(1) Includes: pregnancy test

(2) Includes: (a) manufacture of chemically pure sugars

- (b) processing of glands and manufacture of extracts of glands, etc.
- (c) manufacture of medical impregnated wadding, gauze, bandages, dressings, surgical gut string, etc.
- (d) preparation of botanical products (grinding, grading, milling) for pharmaceutical use





# DIVISION 22 MANUFACTURE OF RUBBER AND PLASTIC PRODUCTS

This division includes the manufacture of rubber and plastic products.

This division is characterized 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.

# **GROUP 221** Manufacture of rubber products

This group includes the manufacture of rubber products.

# **GROUP 222** Manufacture of plastic products

This group includes the processing of new or spent (i.e. recycled) plastics resins into 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.

DIVISION 22 : MANUFACTURE OF RUBBER AND PLASTIC PRODUCTS Group 221 : Manufacture of rubber products

CL/	ASS	ITEM	DES	SCRIPTION	MSIC 2000
221	<b>1</b> <sup>(1)</sup>			nufacture of rubber tyres and tubes; retreading rebuilding of rubber tyres	
		22111	Mar	nufacture of rubber tyres for vehicles <sup>(2)</sup>	25111
		22112		nufacture of interchangeable tyre treads and eading rubber tyres <sup>(3)</sup>	25112
221	9(4)		Mar	nufacture of other rubber products	
(1)	Ex	cludes:	(a) (b)	manufacture of tube repair materials, see 22199 tyre and tube repair, fitting or replacement, see 45	201
(2)	Ind	cludes:	(a) (b)	pneumatic tyres, solid or cushion tyres (e.g. machinery, aircraft, toy, furniture and other uses) manufacture of inner tubes for tyre	equipment, mobile
(3)	lno	cludes:	(a) (b)	manufacture of interchangeable tyre treads, tyre strips for retreading tyres, etc. retreading and rebuilding of tyres	e flaps, "camelback"
(4)	Ex	cludes:	(a) (b) (c) (d) (e) (f) (g) (h) (i)	manufacture tyre cord fabrics, see 1399 manufacture of apparel of elastic fabrics, see 1410 manufacture of rubber footwear, see 15203 manufacture of glues and adhesives based on rub manufacture of "camelback" strips, see 22112 manufacture of inflatable rafts and boats, see 301 manufacture of mattresses of uncovered cellular r manufacture of rubber sports requisites, except ap manufacture of rubber games and toys (e.g. child inflatable children rubber boats, inflatable rubber the like), see 3240 reclaiming of rubber, see 38303	ther, see 20299 1, 3012 ubber, see 31003 oparel, see 3230 dren's wading pools,





DIVISION 22 : MANUFACTURE OF RUBBER AND PLASTIC PRODUCTS Group 221 : Manufacture of rubber products

CLASS	ITEM	DESCRIPTION	MSIC 2000
22191		Manufacture of other products of natural or synthetic rubber, unvulcanized, vulcanized or hardened <sup>(1)</sup>	c 25199p
	22192	Manufacture of rubber gloves	19200p, 25193
	22193	Rubber remilling and latex processing <sup>(2)</sup>	25191, 25192
	22199	Manufacture of other rubber products n.e.c <sup>(3)</sup>	25199p
(1) Ir	ncludes:	(a) manufacture of rubber plates, sheets, strip, room (b) manufacture of tubes, pipes and hoses (c) manufacture of rubber conveyor or transmission (d) manufacture of rubber footwear parts (e) manufacture of textile fabric impregnated, coal laminated with rubber, where rubber is the chied manufacture of hard rubber (including hard rubber combs, hair pins, hair rollers and similar manufacture of rubber brushes	on belts or belting ted, covered or ef constituent ober pipe stems, hard
(2) Ir	ncludes:	(a) processing on the estates/smallholdings, if production and processing is not feasible (b) rubber smokehouses	separate reporting fo
(3) <b>I</b> r	ncludes:	<ul> <li>(a) manufacture of rubber hygienic articles (e.g. s condoms, teats and soothers, hot water bottle, manufacture of rubber articles of apparel (if o sewn)</li> <li>(c) manufacture of rubber thread and rope manufacture of rubber rings, fittings and seals (f) manufacture of rubber roller coverings manufacture of inflatable rubber mattresses (h) manufacture of inflatable balloons</li> <li>(i) manufacture of rubber repair materials</li> <li>(j) manufacture of textile fabric impregnated laminated with rubber, where rubber is the chie manufacture of rubber bathing caps and apror (m) manufacture of rubber wet suits and diving suit manufacture of rubber sex articles</li> <li>(o) manufacture of any other rubber products n.e.</li> </ul>	etc.) nly sealed together, no , coated, covered of constituent is

DIVISION 22 : MANUFACTURE OF RUBBER AND PLASTIC PRODUCTS

Group 222 : Manufacture of plastic products

CLASS	ITEM	DESCRIPTION	MSIC 2000
2220(1)		Manufacture of plastic products	
	22201	Manufacture of semi-manufactures of plastic products <sup>(2)</sup>	25202p, 25203p
	22202	Manufacture of finished plastic products(3)	25202p
	22203	Manufacture of plastic articles for the packing of goods <sup>(4)</sup>	25201, 25203p, 25205, 25209p
	22204	Manufacture of builders' plastic ware <sup>(5)</sup>	25203p, 25204, 25206p, 25209p

# (1) Excludes:

- (a) manufacture of plastic luggage, see 1512
- (b) manufacture of plastic footwear, see 15202
- (c) manufacture of plastic in primary forms, see 20131
- (d) manufacture of articles of synthetic or natural rubber, see group 221
- (e) manufacture of plastic furniture, see 3100
- (f) manufacture of mattresses of uncovered cellular plastic, see 31003
- (g) manufacture of plastic sports requisites, see 3230
- (h) manufacture of plastic games and toys, see 3240
- (i) manufacture of plastic medical and dental appliances, see 3250
- (j) manufacture of plastic ophthalmic goods, see 3250
- (k) manufacture of plastic hard hats and other personal safety equipment of plastic, see 32909
- (2) **Includes**: manufacture of

manufacture of semi-manufactures of plastic products (e.g. plastics plates,

sheets, blocks, film, foil, strip, etc.)

- (3) Includes: manufacture of plastic tubes, pipes and hoses; hose and pipe fittings
- (4) **Includes**: manufacture of plastic articles for the packing of goods (e.g. plastics bags, sacks, containers, boxes, cases, carboys, bottles)
- (5) Includes:
- (a) plastic door, windows, frames, shutters, blinds, skirting boards
- (b) tanks, reservoirs
- (c) plastic floor, wall or ceiling coverings in rolls or in the form of tiles, etc.
- (d) plastic sanitary ware (e.g. plastic baths, shower baths, washbasins, lavatory pans, flushing cisterns, etc.)



DIVISION 22 : MANUFACTURE OF RUBBER AND PLASTIC PRODUCTS Group 222 : Manufacture of plastic products

CLA	SS	ITEM	DES	SCRIPTION	MSIC 2000
		22205		nufacture of plastic tableware, kitchenware and toilet cles(1)	25206p
		22209	Mar	sufacture of diverse plastic products n.e.c.(2)	25209p
(1)	(1) Includes:		man	ufacture of reinforced plastic articles	
(2) Includes:		(a) (b) (c) (d)	insulating fittings, parts of lighting fittings, office or school supplies, articles of apparel, (if only sealed together, not sewn) fittings for furniture, statuettes, transmission and conveyer belts, self-adhesive tapes of plastics, etc.] b) manufacture of artificial stone: cultured marble cellophane film or sheet		

# DIVISION 23 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 products, tiles and baked clay products, and cement and plaster, from raw materials to finished articles. The manufacture of shaped and finished stone and other mineral products is also included in this division.

# GROUP 231 Manufacture of glass and glass products

This group includes the manufacture of glass in all forms, made by any process and the manufacture of articles of glass.

# GROUP 239 Manufacture of non-metallic mineral products n.e.c.

This group includes the manufacture of intermediate and final products from mined or quarried non-metallic minerals, such as sand, gravel, stone or clay.





DIVISION 23 : MANUFACTURE OF OTHER NON-METALLIC MINERAL PRODUCTS Group 231 : Manufacture of glass and glass products

CLASS	ITEM	DESCRIPTION	MSIC 2000
2310 <sup>(1)</sup>		Manufacture of glass and glass products	
	23101	Manufacture of flat glass, including wired, coloured or tinted flat glass $^{\!(2)}$	26100p
	23102	Manufacture of laboratory, hygienic or pharmaceutica glassware	I 26100p
	23109	Manufacture of other glass products n.e.c.(3)	26100p
(1) E2	ccludes:	<ul> <li>(a) manufacture of woven fabrics of glass yarn, see</li> <li>(b) manufacture of optical elements optically worked</li> <li>(c) manufacture of fibre optic cable for data transmit transmission of images, see 2731</li> <li>(d) manufacture of glass toys, see 3240</li> <li>(e) manufacture of syringes and other medical labor 3250</li> </ul>	d, see 26701 ssion or live
(2) In	cludes:	manufacture of glass paving blocks	
(3) <b>In</b>	cludes:	<ul> <li>(a) manufacture of toughened or laminated flat glas</li> <li>(b) manufacture of glass in rods or tubes</li> <li>(c) manufacture of glass mirrors</li> <li>(d) manufacture of multiple-walled insulating units of manufacture of bottles and other containers of granufacture of drinking glasses and other donarticles</li> <li>(g) manufacture of glass fibres, including glass products thereof</li> <li>(h) manufacture of clock or watch glasses, opticelements not optically worked</li> <li>(i) manufacture of glass insulators and glass insulating manufacture of glass envelopes for lamps</li> <li>(k) manufacture of glassware and glass parts for ligmanufacture of glass figurines</li> <li>(n) restoring of stained glass windows</li> </ul>	f glass lass or crystal nestic glass or crysta wool and non-wovel cal glass and optica llery ting fittings

DIVISION 23 : MANUFACTURE OF OTHER NON-METALLIC MINERAL PRODUCTS Group 239 : Manufacture of non-metallic mineral products n.e.c.

CLASS	ITEM	DESCRIPTION	MSIC 2000
2391		Manufacture of refractory products	
	23911	Manufacture of refractory mortars and concretes	26920p
	23912	Manufacture of refractory ceramic goods <sup>(1)</sup>	26920p
2392(2)		Manufacture of clay building materials	
	23921	Manufacture of non-refractory ceramic(3)	26930p
	23929	Manufacture of other clay building materials <sup>(4)</sup>	26910p, 26930p
1) Ir	ncludes:	(a) manufacture of heat-insulating ceramic good meals	s of siliceous fossils
		<ul> <li>(b) manufacture of refractory bricks, blocks and tile:</li> <li>(c) manufacture of retorts, crucibles, muffles, nozzle</li> <li>(d) manufacture of refractory articles containing no</li> </ul>	es, tubes, pipes, etc.



- **Includes**: (a) manufacture of non-refractory ceramic hearth or wall tiles, mosaic cubes, etc.
  - (b) manufacture of non-refractory ceramic flags and paving
     (c) manufacture of structural non-refractory clay building materials (e.g. ceramic bricks, roofing tiles, chimney pots, pipes, conduit, etc.)
- Includes: (a) manufacture of flooring blocks in baked clay (b) manufacture of ceramic sanitary fixtures

chromites

(2)

(3)

(4)



DIVISION 23 : MANUFACTURE OF OTHER NON-METALLIC MINERAL PRODUCTS Group 239 : Manufacture of non-metallic mineral products n.e.c.

2393(1)					
		Manufacture of other porcelain and ceramic products			
23930		Manufacture of other porcelain and ceramic products(2)	26910p		
<b>2394</b> <sup>(3)</sup> 23941		Manufacture of cement, lime and plaster			
		Manufacture of hydraulic cement <sup>(4)</sup> 26941			
	23942	Manufacture of lime and plaster <sup>(5)</sup> 26942			
1) Ex	ccludes:	(a) manufacture of artificial stone (e.g. cultured marble) (b) manufacture of refractory ceramic goods, see 2391 (c) manufacture of ceramic building materials, see 239 (d) manufacture of ceramic sanitary fixtures, see 23929 (e) manufacture of permanent metallic magnets, see 29 (f) manufacture of imitation jewellery, see 3212 (g) manufacture of ceramic toys, see 3240 (h) manufacture of artificial teeth, see 3250	2 2 9		
2) <b>In</b> o	cludes:	(a) manufacture of ceramic tableware and other domes (b) manufacture of statuettes and other ornamental cer (c) manufacture of electrical insulators and insulating fi (d) manufacture of ceramic and ferrite magnets (e) manufacture of ceramic laboratory, chemical and in (f) manufacture of ceramic pots, jars, etc. used for position of pools	ramic articles ttings of ceramics dustrial products		
		packing of goods  (g) manufacture of ceramic furniture  (h) manufacture of ceramic insulators  (i) manufacture of porcelain electrical insulators  manufacture of ceramic products n.e.c.			
3) Ех	cludes:	<ul> <li>(a) manufacture of refractory mortars, concrete, etc., see</li> <li>(b) manufacture of articles of cement, see 23952</li> <li>(c) manufacture of articles of plaster, see 23952</li> <li>(d) manufacture of ready-mixed and dry-mix concrete 23951</li> </ul>	e and mortars, see		
		(e) manufacture of cements used in dentistry, see 3250	)		
4) <b>In</b>	cludes:	manufacture of clinkers and hydraulic cements, incl. P cement slag cement and superphospate cements	ortland, aluminous		
5) <b>In</b> o	cludes:	<ul> <li>(a) manufacture of quicklime, slaked lime and hydraulic</li> <li>(b) manufacture of plasters of calcined gypsum or calci</li> <li>(c) manufacture of calcined dolomite</li> </ul>			

DIVISION 23 : MANUFACTURE OF OTHER NON-METALLIC MINERAL PRODUCTS

Group 239 : Manufacture of non-metallic mineral products n.e.c.

CLAS	S ITEM	DESCRIPTION	MSIC 2000	
2395(1)	)	Manufacture of articles of concrete, cement and plaster		
	23951	Manufacture of ready-mix and dry-mix concrete and mortars <sup>(2)</sup>	26951	
	23952	Manufacture of precast concrete, cement or artificial stone articles for use in construction <sup>(3)</sup>	26959p	
	23953	Manufacture of prefabricated structural components for building or civil engineering of cement, concrete or artificial stone <sup>(4)</sup>	26959p	
	23959	Manufacture of other articles of concrete, cement and plaster n.e.c. <sup>(5)</sup>	26959p	
(1)	Excludes:	manufacture of refractory cements and mortars, see 2391	1	
(2)	Includes:	manufacture of powdered mortars		
(3)	Includes:	manufacture of plaster articles for use in construction (expanel, tiles, flagstones, bricks, pipes, post, etc.)	g. boards, sheets,	
(4)	Includes:	manufacture of building material materials of vegetable substances (e.g. wood wool, straw, reeds, rushes, etc., agglomerated with cement, plaster or other mineral binder)		
(5)	Includes:	<ul> <li>(a) manufacture of articles of asbestos-cement or cellulor the like (e.g. corrugated sheets, other sheets, pipes, reservoirs, troughs, basins, sinks, jars, frames, etc.)</li> <li>(b) manufacture of other articles of concrete, plaster, of the properties of concrete.</li> </ul>	panel, tiles, tubes, furniture, window	
		(a) instantantantantantantantantantantantantant		



etc.)

stone (e.g. statuary, furniture, bas-and haut reliefs, vases, flowerpots,



DIVISION 23 : MANUFACTURE OF OTHER NON-METALLIC MINERAL PRODUCTS Group 239 : Manufacture of non-metallic mineral products n.e.c.

CLASS	` ITEM	DESCRIPTION	MCIC 2000
		DESCRIPTION	MSIC 2000
2396(1)		Cutting, shaping and finishing of stone	
	23960	Cutting, shaping and finishing of stone	26960
2399 <sup>(2)</sup>		Manufacture of other non-metallic mineral product n.e.c.	S
	23990	Manufacture of other non-metallic mineral products n.e.c.	26990
(1)	Includes:	(a) cutting, shaping and finishing of stone for us cemeteries, on roads, as roofing, etc.	e in construction, in
		<ul><li>(b) manufacture of stone furniture</li><li>(c) manufacture of statues, other than artistic original</li></ul>	ıls
ı	Excludes:	<ul><li>(a) production of rough cut stone, i.e. quarrying active</li><li>(b) production of millstones, abrasive stones and 2399</li></ul>	
		(c) activities of sculptors, see 90003	
(2) I	Includes:	<ul> <li>(a) manufacture of millstones, sharpening or polishin or artificial products, including abrasive products sandpaper)</li> </ul>	
		(b) manufacture of friction material and unmounted base of mineral substances or of cellulose	articles thereof with a
		(c) manufacture of mineral insulating materials (e.g. and similar mineral wools; exfoliated vermiculite similar heat-insulating, sound-insulating materials)	
		<ul> <li>(d) manufacture of articles of diverse minerals sub mica and articles of mica, of peat, of graphite articles), etc.]</li> </ul>	
		(e) manufacture of articles of asphalt or similar manufacture.	naterial (e.g. asphalt-
		(f) manufacture of carbon and graphic fibres a electrodes and electrical applications)	nd products (except
ı	Excludes:	(a) manufacture of glass wool and non-woven glas 23109	s wool products, see
		(b) manufacture of carbon or graphite gaskets, see 2	28199

#### DIVISION 24 MANUFACTURE OF BASIC METALS

This division includes the activities of smelting and/or refining ferrous and nonferrous metals from ore, pig or scrap, using electro metallurgic 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, tubes, pipes and hollow profiles and in molten form to make castings and other basic metal products.

### GROUP 241 Manufacture of basic iron and steel

This group includes operations of conversion by reduction of iron ore in blast furnaces and oxygen converters or of ferrous waste and scrap in electric arc furnaces or by direct reduction of iron ore without fusion to obtain crude steel which is smelted and refined in a ladle furnace and then poured and solidified in a continuous caster in order to produce semi-finished flat or long products, which are used, after reheating, in rolling, drawing and extruding operations to manufacture finished products such as plate, sheet, strip, bars, rods, wire, tubes, pipes and hollow profiles.

# GROUP 242 Manufacture of basic precious and other non-ferrous metals

This group includes production of basic precious metals, 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, production of aluminium from alumina, production of aluminium from electrolytic refining of aluminium's waste and scrap, production of aluminium alloys, semi-manufacturing of aluminium, 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, semi-manufacturing of lead, zinc and tin, 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, semimanufacturing of copper, 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., semimanufacturing of chrome, manganese, nickel, etc., production of mattes of nickel, production of uranium metal from pitchblende or other ores, smelting and refining of uranium, manufacture of wire of these metals by drawing, production of aluminium oxide (alumina), production of aluminium's wrapping foil, manufacture of aluminium's (tin) foil laminates made from aluminium (tin) foil as primary component and manufacture of precious metal foil laminates.



# GROUP 243 Casting of metals

This group includes the manufacture of semi-finished products and various castings by a casting process.

DIVISION 24 : MANUFACTURE OF BASIC METALS Group 241 : Manufacture of basic iron and steel



CLA	SS	ITEM	DES	CRIPTION	MSIC 2000
2410 <sup>(1)</sup>		Man	ufacture of basic iron and steel		
		24101		uction of pig iron and spiegeleisen in pigs, blocks her primary forms <sup>(2)</sup>	27100p
		24102		uction of bars and rods of stainless steel or other steel <sup>(3)</sup>	27100p
		24103		ufacture of seamless tubes, by hot rolling, hot ision or hot drawing, or by cold drawing or cold $g^{(4)}$	27100p
(1)	Ехс	cludes:	(a) (b) (c)	manufacture of tubes, pipes and hollow profiles and fittings of cast-iron, see 24311 manufacture of seamless tubes and pipes of ste casting, see 2431 manufacture of tube or pipe fittings of cast-steel, see	el by centrifugal
(2)	Inc	eludes:	(a) (b) (c)	production of ferro-alloys production of semi-finished products of iron or non-all production of ingots, other primary forms and semi- of stainless steel or other alloy steel	
(3)	Inc	eludes:	(a) (b) (c) (d) (e)	production of angles, shapes and sections of stainled alloy steel production of bars and rods of iron or non-alloy steel production of flat-rolled products of iron or non-alloy supproduction of angles, shapes and sections of iron or manufacture of steel bars or solid sections by cold or turning	steel non-alloy steel
(4)	Inc	ludes:		ufacture of welded tubes by cold or hot forming ng and cold drawing, or by hot forming and reducing	and welding, by



DIVISION 24 : MANUFACTURE OF BASIC METALS Group 241 : Manufacture of basic iron and steel

CLAS	SS ITEM	DESCRIPTION	MSIC 2000
	24104	Manufacture of steel tube fittings <sup>(1)</sup>	27100p
	24109	Manufacture of other basic iron and steel products n.e.c. (2)	27100р
(1)	Includes:	manufacture of open section by progressive cold form folding on a press of flat-rolled products of steel	ning on a roll mill or
(2)	Includes:	<ul> <li>(a) operation of blast furnaces, steel converters, rollin</li> <li>(b) production of sheet piling of steel and welded oper</li> <li>(c) production of railway track materials (unassembled manufacture of steel wire by cold drawing or stretch production of granular iron and iron powder; prescriptional purity by electrolysis or other chemical remelting ferrous waste and scrap</li> </ul>	n sections of steel d rails) of steel ching roduction of iron of

DIVISION 24 : MANUFACTURE OF BASIC METALS
Group 242 : Manufacture of basic precious and other non-ferrous metals

CLA	ASS ITE	1 DESCRIPTION	MSIC 2000
2420 <sup>(1)</sup>		Manufacture of basic precious and other non- ferrous metals	
	242	1 Tin smelting	27201
	242	2 Production of aluminium from alumina <sup>(2)</sup>	27209p
(1)	Exclude	s: casting of non-ferrous metals, see 2432 and man jewellery, see 3211	ufacture of precious metal
(2)	Include	production of aluminium from electrolytic refining scrap, production of aluminium alloys, semi-mal production of aluminium oxide (alumina), producti foil, manufacture of aluminium (tin) foil laminates if foil as primary component	nufacturing of aluminium, on of aluminium wrapping



DIVISION 24 : MANUFACTURE OF BASIC METALS

: Manufacture of basic precious and other non-ferrous metals Group 242

CLASS	ITEM	DESCRIPTION	MSIC 2000
	24209	Manufacture of other basic precious and other non-ferrous metals n.e.c.(1)	27209p
(1) <b>In</b>	cludes:	(a) production of basic precious metals such as gold, (b) production of precious metal alloys (c) production of precious metal semi-products (d) production of silver rolled onto base metals (e) production of gold rolled onto base metals or silver (f) production of platinum and platinum group met silver or base metals (g) production of lead, zinc and tin from ores (h) production of lead, zinc and tin from electrolytic r and tin waste and scrap (i) production of lead, zinc and tin alloys (j) semi-manufacturing of lead, zinc and tin (k) production of copper from ores (l) production of copper from electrolytic refining of scrap (m) production of copper alloys (n) manufacture of fuse wire or strip (o) semi-manufacturing of copper (p) production of chrome, manganese, nickel, etc. fror (q) production of chrome, manganese, nickel, etc. fror aluminothermic refining of chrome, manganese, and scrap	al rolled onto golefining of lead, zing copper waste and ones or oxides come electrolytic and

- (r) production of alloys of chrome, manganese, nickel, etc.(s) semi-manufacturing of chrome, manganese, nickel, etc.

- (t) production of mattes of nickel
  (u) production of uranium metal from pitchblende or other ores
- (v) smelting and refining of uranium
- (w) manufacture of wire of these metals by drawing
- (x) manufacture of precious metal foil laminates

DIVISION 24 : MANUFACTURE OF BASIC METALS Group 243 : Casting of metals

CLAS	S ITEM	DESCRIPTION	MSIC 2000
2431(1)	)	Casting of iron and steel	
	24311	Casting of iron <sup>(2)</sup>	27310p
	24312	Casting of steel <sup>(3)</sup>	27310p
2432		Casting of non-ferrous metals	
	24320	Casting of non-ferrous metals <sup>(4)</sup>	27320
(1)	Includes:	manufacture of seamless tubes and pipe manufacture of tube or pipe fittings of cast	
	Excludes:	manufacture of finished cast products (e.g and cast household items, see 2599	. boilers and radiators), see 2512
(2)	Includes:	(a) casting of semi-finished iron products     (b) casting of grey iron castings     (c) casting of spheroidal graphite iron ca     (d) casting of malleable cast-iron product     (e) manufacture of tubes, pipes and ho     fittings of cast-iron	istings ts
(3)	Includes:	(a) casting of semi-finished steel produc (b) casting of steel castings	ts
(4)	Includes:	<ul> <li>(a) casting of semi-finished products of zinc, etc.</li> <li>(b) casting of light metal castings</li> <li>(c) casting of heavy metal castings</li> <li>(d) casting of precious metal castings</li> <li>(e) die-casting of non-ferrous metal cast</li> </ul>	



#### **DIVISION 25**

# MANUFACTURE OF FABRICATED METAL PRODUCTS, EXCEPT MACHINERY AND EQUIPMENT

This division includes the manufacture of "pure" metal products (such as parts, containers and structures), usually with a static, immovable function, as opposed to the following divisions 26-30, which 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.

This division excludes specialized repair and maintenance activities (see group 331) and the specialized installation of manufactured goods produced in this division in buildings, such as central heating boilers (see 4322).

# GROUP 251 Manufacture of structural metal products, tanks, reservoirs and steam generators

This group includes the manufacture of structural metal products (such as metal frameworks or parts for construction), as well as metal container-type objects (such as reservoirs, tanks, central heating boilers) and steam generators.

### GROUP 252 Manufacture of weapons and ammunition

This group includes 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 and manufacture of explosive devices such as bombs, mines and torpedoes.

# GROUP 259 Manufacture of other fabricated metal products; metalworking service activities

This group includes general activities for the treatment of metal, such as forging or pressing, plating, coating, engraving, boring, polishing, welding, etc., which are typically carried out on a fee or contract basis. This group also includes the manufacture of a variety of metal products, such as cutlery; metal hand tools and general hardware; 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

DIVISION 25 : MANUFACTURE OF FABRICATED METAL PRODUCTS, EXCEPT

MACHINERY AND EQUIPMENT

Group 251 : Manufacture of structural metal products, tanks, reservoirs and steam

generators

(2)

(3)

(4)

Includes:

Includes:

Includes:

CLAS	S ITEM	DESCRIPTION	MSIC 2000
<b>2511</b> (	1)	Manufacture of structural metal products	
	25111	Manufacture of industrial frameworks in metal <sup>(2)</sup>	28110p
	25112 Manufacture of prefabricated buildings mainly of metal <sup>(3)</sup>		
	25113	Manufacture of metal doors, windows and their frames, shutters and gates	28110p
	25119	Manufacture of other structural metal products <sup>(4)</sup>	28110p
(1)	Excludes:	<ul> <li>(a) manufacture of parts for marine or power boilers, se</li> <li>(b) manufacture of assembled railway track fixtures, se</li> <li>(c) manufacture of sections of ships, see 3011</li> </ul>	

(a) manufacture of metal frameworks or skeletons for construction and

frameworks for blast furnaces, lifting and handling equipment, etc.

parts thereof (e.g. towers, masts, trusses, bridges, etc.)
(b) metal room partitions for floor attachment

site huts, modular exhibition elements, etc.



DIVISION 25 : MANUFACTURE OF FABRICATED METAL PRODUCTS, EXCEPT

MACHINERY AND EQUIPMENT

: Manufacture of structural metal products, tanks, reservoirs and steam generators Group 251

CLAS	S ITEM	DESCRIPTION	MSIC 2000
<b>2512</b> <sup>(1)</sup>	1)	Manufacture of tanks, reservoirs and containers of metal	of
	25120	Manufacture of tanks, reservoirs and containers of $\mbox{metal}^{(2)}$	28120p
2513 <sup>(2</sup>	3)	Manufacture of steam generators, except central heating hot water boilers	
	25130	Manufacture of steam generators, except central heating hot water boilers <sup>(4)</sup>	28130p
(1) Excludes:		manufacture of metal casks, drums, cans, pails normally used for carrying and packing of good see 2599	
		<ul><li>(b) manufacture of transport containers, see 2920</li><li>(c) manufacture of tanks (armoured military vehicle</li></ul>	es), see 3040
(2) Includes:  (a) manufacture of reservoirs, tanks and similar containers of types normally installed as fixtures for storage or manufactur (b) manufacture of metal containers for compressed or liquefied manufacture of central heating boilers and radiators		or manufacturing use d or liquefied gas	
(3)	Excludes:	(a) manufacture of central heating hot-water boild 25120 (b) manufacture of boiler-turbine sets, see 2811 (c) manufacture of isotope separators, see 2829	ers and radiators, see
(4)	Includes:	(a) manufacture of steam or other vapour generato (b) manufacture of auxiliary plant for use with s condensers, economizers, superheaters, s accumulators)	team generators (e.g. team collectors and
		manufacture of nuclear reactors, except isotope     manufacture of parts for marine or power boiler	

DIVISION 25 : MANUFACTURE OF FABRICATED METAL PRODUCTS, EXCEPT

MACHINERY AND EQUIPMENT

Group 252 : Manufacture of weapons and ammunition

CLAS	S ITEM	DESCRIPTION	MSIC 2000
<b>2520</b> <sup>(1)</sup>	)	Manufacture of weapons and ammunition	
	25200	Manufacture of weapons and ammunition <sup>(2)</sup>	29270p
(1)	Excludes:	(a) manufacture of percussion caps, detonators or sign 20299 (b) manufacture of cutlasses, swords, bayonets, etc., see manufacture of armoured vehicles for the transpor valuables, see 29102 (d) manufacture of space vehicles, see 3030 (e) manufacture of tanks and other fighting vehicles, see	e 2593 t of banknotes or
(2)	Includes:	(a) manufacture of heavy weapons (artillery, moblaunchers, torpedo tubes, heavy machine guns) (b) manufacture of small arms (revolvers, shotgunguns) (c) manufacture of air or gas guns and pistols manufacture of war ammunition (e) manufacture of military and guided missiles (f) manufacture of hunting, sporting or protective firearm ammunition (g) manufacture of explosive devices such as bortorpedoes (h) manufacture of other weapons and ammunition n.e.c.	s, light machine  ns and  mbs, mines and



: MANUFACTURE OF FABRICATED METAL PRODUCTS, EXCEPT

MACHINERY AND EQUIPMENT

: Manufacture of other fabricated metal products; metal working service activities Group 259

CLA	SS	ITEM	DES	SCRIPTION	MSIC 2000
2591	<b>1</b> (1)			ging, pressing, stamping and roll-forming of al; powder metallurgy	
		25910	•	ging, pressing, stamping and roll-forming of metal; der metallurgy <sup>(2)</sup>	28910
2592	2(3)		Trea	atment and coating of metals; machining	
		25920	Trea	atment and coating of metals; machining <sup>(4)</sup>	28920
(1)	Ex	cludes:	prod	luction of metal powder, see 2410, 2420	
(2)	Inc	cludes:		der metallurgy : production of metal objects d ders by heat treatment (sintering) or under pressure	irectly from metal
(3)	Ex	cludes:	(a) (b)	activities of farriers, see 0162 rolling precious metals onto base metals or other m	etals, see 2420
(4)	Inc	cludes:	(a) (b) (c) (d) (e) (f) (g)	plating, anodizing, etc. of metal heat treatment of metal deburring, sandblasting, tumbling, cleaning of metal colouring and engraving of metal non-metallic coating of metal (e.g. plasticizing, enaretc.) hardening, buffing of metal boring, turning, milling, eroding, planning, la levelling, sawing, grinding, sharpening, polishing, metalwork pieces cutting of and writing on metals by means of laser by	melling, lacquering, pping, broaching, welding, splicing of

DIVISION 25 : MANUFACTURE OF FABRICATED METAL PRODUCTS, EXCEPT

**MACHINERY AND EQUIPMENT** 

Group 259 : Manufacture of other fabricated metal products; metal working service

activities

CLASS	ITEM	DESCRIPTION	MSIC 2000
<b>2593</b> <sup>(1)</sup>		Manufacture of cutlery, hand tools and general hardware	
	25930	Manufacture of cutlery, hand tools and general hardware	28930

## (1) Includes:

- (a) manufacture of domestic cutlery such as knives, forks, spoons, etc.
- (b) manufacture of cleavers and choppers, razors and razor blades, scissors and hair clippers
- (c) manufacture of knives and cutting blades for machines or for mechanical appliances
- (d) manufacture of hand tools such as pliers, screwdriver, etc.
- (e) manufacture of non-power-driven agricultural hand tools
- (f) manufacture of saws and saw blades, including circular saw blades and chainsaw blades
- (g) manufacture of interchangeable tools for hand tools, whether or not power-operated, or for machine tools (e.g. drills, punches, milling cutters, etc.)
- (h) manufacture of blacksmiths' tools (e.g. forges, anvils, etc.)
- (i) manufacture of vices, clamps
- (j) manufacture of padlocks, locks, keys, hinges and the like, hardware for buildings, furniture, vehicles, etc.
- (k) manufacture of cutlasses, swords, bayonets, etc.
- (I) manufacture of moulding boxes and moulds (except ingot moulds)
- (m) manufacture of press tools

### Excludes:

- (a) manufacture of hollowware (pots, kettles, etc.), dinnerware (bowls, platters, etc.) or flatware (plates, saucers, etc.), see 25994
- (b) manufacture of power-driven hand tools, see 2818
- (c) manufacture of ingot moulds, see 2823
- (d) manufacture of cutlery of precious metal, see 3211





: MANUFACTURE OF FABRICATED METAL PRODUCTS, EXCEPT

MACHINERY AND EQUIPMENT

: Manufacture of other fabricated metal products; metal working service activities Group 259

CLASS	S ITEM	DESCRIPTION	MSIC 2000
<b>2599</b> <sup>(1)</sup>		Manufacture of other fabricated metal products n.e.c.	
	25991	Manufacture of tins and cans for food products, collapsible tubes and boxes <sup>(2)</sup>	28991
	25992	Manufacture of metal cable, plaited bands and similar articles <sup>(3)</sup>	28992p
	25993	Manufacture of bolts, screws, nuts and similar threaded products <sup>(4)</sup>	28992p
(1)	Excludes:	(a) manufacture of ceramic and ferrite magnets, see 23 (b) manufacture of tanks and reservoirs, see 25120 (c) manufacture of swords, bayonets, see 2593 (d) manufacture of clock or watch springs, see 26520 (e) manufacture of wire and cable for electricity transm (f) manufacture of power transmission chain, see 2814 (g) manufacture of shopping carts, see 3099 (h) manufacture of metal furniture, see 31002 (i) manufacture of sports goods, see 3230 (j) manufacture of games and toys, see 3240	ission, see 2732
(2)	Includes:	(a) manufacture of pails, cans, drums, buckets, boxes a (b) manufacture of metallic closures	and kegs
(3)	Includes:	<ul> <li>(a) manufacture of uninsulated metal cable or inscapable of being used as a conductor of electricity</li> <li>(b) manufacture of articles made of wire (e.g. barbed grill, netting, cloth, etc.)</li> </ul>	
(4)	Includes:	<ul> <li>(a) manufacture of nails and pins</li> <li>(b) manufacture of rivets, washers and similar non-thre</li> <li>(c) manufacture of screw machine products</li> <li>(d) manufacture of springs (except watch springs)</li> <li>(e) manufacture of chain, except power transmission of</li> </ul>	•

: MANUFACTURE OF FABRICATED METAL PRODUCTS, EXCEPT

MACHINERY AND EQUIPMENT

frames, combs, etc.

: Manufacture of other fabricated metal products; metal working service activities Group 259

CLAS	SS ITEM	DES	SCRIPTION	MSIC 2000
	25994	Mar	nufacture of metal household articles(1)	28993, 28999p
	25999		nufacture of any other fabricated metal products c. <sup>(2)</sup>	28999р
(1)	Includes:	(a) (b) (c)	manufacture of plates, saucers, pots, kettles, saucepans, frying pans, metal scouring pads, etc. manufacture of baths, sinks, washbasins and simil manufacture of metal vacuum jugs and bottles	
(2)	Includes:	(a) (b) (c) (d) (e) (f)	manufacture of safes, strongboxes, armoured door manufacture of various metal articles (e.g. ship blades therefore; anchors; bells; assembled rails clasps buckles, hooks) manufacture of foil bags manufacture of permanent metallic magnets manufacture of metal badges and metal military instantiations manufacture of metal badges, metal umbre manufacture of metal hair curlers, metal umbre	o propellers and way track fixture; signia

(g) manufacture of metal weights as used for weightlifting





#### **DIVISION 26**

# MANUFACTURE OF COMPUTER, ELECTRONIC AND OPTICAL PRODUCTS

This division includes the manufacture of computers, computer peripherals, communications equipment, and similar electronic products, as well as the manufacture of components for such products. Production processes of this division are characterized by the design and use of integrated circuits and the application of highly specialized miniaturization technologies.

The division also contains the manufacture of consumer electronics, measuring, testing, navigating, and control equipment, irradiation, electro medical and electrotherapeutic equipment, optical instruments and equipment, and the manufacture of magnetic and optical media.

### GROUP 261 Manufacture of electronic components and boards

This group includes the manufacture of semiconductors and other components for electronic applications.

### GROUP 262 Manufacture of computers and peripheral equipment

This group includes the 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 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.

### GROUP 263 Manufacture of communication equipment

This group includes the 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.

## GROUP 264 Manufacture of consumer electronics

This group includes the manufacture of electronic audio and video equipment for home entertainment, motor vehicle, public address systems and musical instrument amplification.

# GROUP 265 Manufacture of measuring, testing, navigating and control equipment; watches and clocks

This group includes the manufacture of measuring, testing, navigating and control equipment for various industrial and non-industrial purposes, including time-based measuring devices such as watches and clocks and related devices.

# GROUP 266 Manufacture of irradiation, electro medical and electrotherapeutic equipment

This group includes manufacture of irradiation apparatus and tubes (e.g. industrial, medical diagnostic, medical therapeutic, research, scientific), 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 electro medical endoscopes equipment, manufacture of medical laser equipment, manufacture of pacemakers, manufacture of hearing aids and manufacture of food and milk irradiation equipment.

# GROUP 267 Manufacture of optical instruments and photographic equipment

This group includes the 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.

## GROUP 268 Manufacture of magnetic and optical media

This group includes the manufacture of magnetic and optical recording media.



DIVISION 26 : MANUFACTURE OF COMPUTER, ELECTRONIC AND OPTICAL

**PRODUCTS** 

Group 261 : Manufacture of electronic components and boards

CLAS	S ITEM	DES	SCRIPTION	MSIC 2000		
<b>2610</b> <sup>(1)</sup>		Manufacture of electronic components and boards				
	26101		ufacture of diodes, transistors and similar iconductor devices <sup>(2)</sup>	32101p		
	26102		sufacture electronic integrated circuits micro emblies <sup>(3)</sup>	32101p		
(1)	Excludes:	(a) (b) (c) (d) (e) (f) (g) (h) (i) (j)	printing of smart cards, see 1811 manufacture of modems (carrier equipment), see 2 manufacture of computer, see 26201 and telev 26400 manufacture of X-ray tubes and similar irradiation manufacture of optical equipment and instruments manufacture of similar devices for electrical applic 27 manufacture of lighting ballasts, see 27101 manufacture of electrical relays, see 27102 manufacturing of electrical wiring devices, see 273 manufacture of complete equipment is classified of	devices, see 26600 , see 2670 cations, see division		
(2)	Includes:	(a) (b)	manufacture of diodes, transistors, and related dis manufacture of dice or wafers, semiconductor, finished manufacture of light emitting diodes (LED)			
(3)	Includes:	(a) (b) (c)	manufacture of microprocessors manufacture of integrated circuit (analogue, digital manufacture of optical cable sets or assemblies	or hybrid)		

DIVISION 26 : MANUFACTURE OF COMPUTER, ELECTRONIC AND OPTICAL

**PRODUCTS** 

Group 261 : Manufacture of electronic components and boards

|--|--|

CLAS	S ITEM	DES	SCRIPTION	MSIC 2000
	26103	Mar	nufacture of electrical capacitors and resistors <sup>(1)</sup>	32102p
	26104	Mar	nufacture of printed circuit boards(2)	32102p
	26105	Mar	nufacture of display components(3)	32102p
	26109		nufacture of other components for electronic lications <sup>(4)</sup>	32109
(1)	Includes:	(a) (b)	manufacture of capacitors, electronic manufacture of resistors, electronic	
(2)	Includes:	(a) (b) (c)	manufacture of bare printed circuit boards loading of components onto printed circuit boards printed circuit boards assemblies	
(3)	Includes:	(a) (b)	manufacture of electron tubes manufacture of display components (plasma, polym	ner, LCD)
(4)	Includes:	(a)	manufacture of solenoids, switches and transdu- applications	cers for electronic
		(b)	manufacture of interface cards (e.g. sound, network)	video, controllers,
		(c)	manufacture of printer cables, monitor cables, USB connectors, etc.	cables,
		(d)	manufacture of internal/external computer modems	
		(e)	manufacture of electronic component-type connects switches	ctors, sockets, and
		(f)	manufacture of inductors (e.g. chokes, coils, transf component type	formers), electronic
		(g) (h)	manufacture of electronic crystals and crystal asser manufacture of other components for electronic app	



DIVISION 26 : MANUFACTURE OF COMPUTER, ELECTRONIC AND OPTICAL

**PRODUCTS** 

Group 262 : Manufacture of computers and peripheral equipment

CLAS	S ITEM	DESCRIPTION	MSIC 2000
<b>2620</b> <sup>(1</sup>	)	Manufacture of computers and per equipment	ripheral
	26201	Manufacture of computers <sup>(2)</sup>	30002p
	26202	Manufacture of peripheral equipment	(3) 30002p
(1)	Excludes:	etc.) see 1820  (b) manufacture of electronic cor used in computers and peripher (c) manufacture of internal/external (d) manufacture of interface cards, (e) manufacture of modems, carrier (f) manufacture of digital communi equipment (e.g. bridges, routers (g) manufacture of consumer elect DVD players), see 2640  (h) manufacture of television monitric manufacture of video game con	computer modems, see 26109 modules and assemblies, see 26109 requipment, see 2630 ication switches, data communications s, gateways), see 2630 ctronic devices (e.g. CD players and ors and displays, see 2640 soles, see 2640 and magnetic media for use with
(2)	Includes:	(a) manufacture of desktop compute (b) manufacture of laptop computer (c) manufacture of main frame com (d) manufacture of hand-held comp	rs pputers
(3)	Includes:	devices (b) manufacture of optical CD-RW, drives (c) manufacture of printers (d) manufacture of monitors (e) manufacture of keyboards (f) manufacture of all types of mice (g) manufacture of dedicated con machines, point-of-sale termina (h) manufacture of computer server	rs ral equipment n.e.c. (e.g. scanners,

DIVISION 26 : MANUFACTURE OF COMPUTER, ELECTRONIC AND OPTICAL

**PRODUCTS** 

Group 263 : Manufacture of communication equipment

CLASS	ITEM	DESCRIPTION	MSIC 2000
<b>2630</b> <sup>(1)</sup>		Manufacture of communication equipment	
	26300	Manufacture of communication equipment	32200p
(1) <b>In</b>	cludes:	(a) manufacture of central office switching equ (b) manufacture of cordless telephones (c) manufacture of telephone and facsim telephone answering machines (e) manufacture of data communications routers and gateways) (f) manufacture of transmitting and receiving a manufacture of cable television equipment (h) manufacture of pagers (i) manufacture of cellular phones (j) manufacture of mobile communication equi (k) manufacture of radio and television equipment, including television cameras manufacture of local area network a communication equipment (e.g. bridges, ro (m) manufacture of burglar and fire alarm sys control station (o) manufacture of radio and television transmi manufacture of infrared devices (e.g. remot q) manufacture of telecommunication equipment (q) manufacture of telecommunication equipment	PBX) equipment hile equipment, including equipment (e.g. bridges, antenna sipment studio and broadcasting and wide area network uters, gateways, etc.) to tems, sending signals to a ditters te controls)
Ev	cludes.	(a) manufacture of computer and computer	norinheral equinment see

# Excludes:

- (a) manufacture of computer and computer peripheral equipment, see 2620
- (b) manufacture of consumer audio and video equipment, see 2640
- (c) manufacture of electronic components and subassemblies used in communications equipment, see 26102
- (d) manufacture of internal/external computer modems (PC-type), see 26109
- (e) manufacture of electronic scoreboards, see 27900
- (f) manufacture of traffic lights, see 27900





DIVISION 26 : MANUFACTURE OF COMPUTER, ELECTRONIC AND OPTICAL

**PRODUCTS** 

Group 264 : Manufacture of consumer electronics

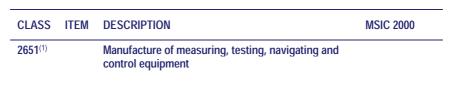
CLASS	ITEM	DESCRIPTION	MSIC 2000
<b>2640</b> <sup>(1)</sup>		Manufacture of consumer electronics	
	26400	Manufacture of consumer electronics	32300p
(1) Ir	ncludes:	(a) manufacture of video cassette recorders at (b) manufacture of televisions (c) manufacture of television monitors and dis (d) manufacture of audio recording and duplic (e) manufacture of stereo equipment (f) manufacture of radio receivers (g) manufacture of speaker systems (h) manufacture of jukeboxes (j) manufacture of jukeboxes (j) manufacture of amplifiers for musical instructure of microphones (k) manufacture of CD and DVD players (m) manufacture of karaoke machines (n) manufacture of headphones (e.g. radio, structure) (o) manufacture of video game consoles (p) manufacture of other consumer electronice	splays cating systems heras fruments and public address tereo, computer)
E	xcludes:	<ul> <li>(a) reproduction of recorded media (compute see 1820</li> <li>(b) manufacture of computer peripheral devisee 2620</li> <li>(c) manufacture of telephone answering mack discontinuous manufacture of paging equipment, see 26</li> <li>(e) manufacture of remote control devices (ramanufacture of broadcast studio equipment, transmitting and receiving a cameras, see 2630</li> <li>(g) manufacture of electronic games with software, see 3240</li> </ul>	ces and computer monitors hines, see 2630 30 dio and infrared), see 2630 ment such as reproduction intennas, commercial video

DIVISION 26 : MANUFACTURE OF COMPUTER, ELECTRONIC AND OPTICAL

**PRODUCTS** 

Group 265 : Manufacture of measuring, testing, navigating and control equipment;

watches and clocks



(1) Includes: manufacture of GPS devices

Excludes: (a) manufacture of telephone answering machines, see 2630

- (b) manufacture of irradiation equipment, see 2660
- (c) manufacture of optical measuring and checking devices and instruments (e.g. fire control equipment, photographic light meters, range finders, etc.), see 26701
- (d) manufacture of optical positioning equipment, see 26701
- (e) manufacture of dictating machines, see 2817
- (f) manufacture of simple mechanical measuring tools (e.g. measuring tapes, callipers, see manufacturing class according to main material used)
- (g) manufacturing of medical thermometers, see 3250
- (h) installation of industrial process control equipment, see 3320





DIVISION 26 : MANUFACTURE OF COMPUTER, ELECTRONIC AND OPTICAL

**PRODUCTS** 

Group 265 : Manufacture of measuring, testing, navigating and control equipment;

watches and clocks

CLASS	ITEM	DESCRIPTION	MSIC 2000
	26511	Manufacture of measuring, testing, navigating and control equipment <sup>(1)</sup>	33120p
(1) In	cludes:	(a) manufacture of aircraft engine instruments (b) manufacture of automotive emissions testing equip (c) manufacture of meteorological instrument (d) manufacture of physical properties testing and insp (e) manufacture of polygraph machines (f) manufacture of instruments for measuring and te electrical signals (including for telecommunications (g) manufacture of radiation detection and monitoring (h) manufacture of surveying instruments (i) manufacture of thermometers liquid-in-glass a (except medical) (j) manufacture of humidistat (k) manufacture of hydronic limit controls (l) manufacture of flame and burner controls (m) manufacture of spectrometers (n) manufacture of pneumatics gauges (o) manufacture of consumption meters (e.g. water, ga (p) manufacture of flow meters and counting devices	pection equipment sting electricity and s) instruments and bimetal types

- (r) manufacture of mine detectors, pulse (signal) generators; metal detectors
- (s) manufacture of search, detection, navigation, aeronautical and nautical equipment, including sonobuoys
- (t) manufacture of environmental controls and automatic controls for appliances

DIVISION 26 : MANUFACTURE OF COMPUTER, ELECTRONIC AND OPTICAL

**PRODUCTS** 

Group 265 : Manufacture of measuring, testing, navigating and control equipment;

watches and clocks

CLASS	ITEM	DESCRIPTION	MSIC 2000
	26512	Manufacture of industrial process control equipment <sup>(1)</sup>	33130p
<b>2652</b> <sup>(2)</sup>		Manufacture of watches and clocks	
	26520	Manufacture of watches and clocks and parts	33300

### (1) Includes:

- (a) manufacture of measuring and recording equipment (e.g. flight recorders)
- (b) manufacture of motion detectors
- (c) manufacture of laboratory analytical instruments (e.g. blood analysis equipment)
- (d) manufacture of laboratory type distilling apparatus, laboratory centrifuges, laboratory ultrasonic cleaning machinery
- (e) manufacture of laboratory scales, balances, incubators and miscellaneous laboratory apparatus for measuring, testing, etc.
- (f) manufacture of other measuring and controlling devices, such as radiation detection equipment, polygraph machines, thermometers (except bimetal medical type), meteorological instruments

#### (2) Includes:

- (a) manufacture of watches and clocks of all kinds, including instrument panel clocks
- (b) manufacture of watches and clock cases, including cases of precious metals
- (c) manufacture of components for clocks and watches
- (d) 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, such as parking meters, time clocks, time/date stamps, process timers
- (e) manufacture of time switches and other releases with a watch or clock movement or with synchronous motor such as manufacture of time locks, etc.

## Excludes:

- (a) manufacture of non-metal watch bands (textile, leather, plastic), see 1512
- (b) manufacture of watch bands of precious metal, see 3211
- (c) manufacture of watch bands of non-precious metal, see 3212





**DIVISION 26** : MANUFACTURE OF COMPUTER, ELECTRONIC AND OPTICAL

**PRODUCTS** 

: Manufacture of irradiation, electro medical and electrotherapeutic equipment Group 266

CLAS	SS ITEM	DESCRIPTION	MSIC 2000
<b>2660</b> <sup>(1)</sup>		Manufacture of irradiation, electro medical and electrotherapeutic equipment	
	26600	Manufacture of irradiation, electro medical and electrotherapeutic equipment <sup>(2)</sup>	33110p
(1)	Excludes:	manufacture of laboratory analytical instrume equipment), see 26512     manufacture of tanning beds, see 27900	nts (e.g. blood analysis
(2)	Includes:	(a) manufacture of irradiation apparatus and tube (b) manufacture of X-ray equipment (c) manufacture of CT scanner (d) manufacture of PET scanner (e) manufacture of MRI equipment (f) manufacture of medical laser equipment (g) manufacture of medical endoscopic equipmer (h) manufacture of food and milk irradiation equip (i) manufacture of medical ultrasound equipment (j) manufacture of electrocardiographs (k) manufacture of pacemakers (l) manufacture of hearing aids (m) manufacture of other irradiation equipmen electrotherapeutic equipment n.e.c.	t ment

DIVISION 26 : MANUFACTURE OF COMPUTER, ELECTRONIC AND OPTICAL

**PRODUCTS** 

Group 267 : Manufacture of optical instruments and photographic equipment



CLASS	S ITEM	DESCRIPTION	MSIC 2000			
<b>2670</b> <sup>(1)</sup>		Manufacture of optical instruments and photographic equipment				
	26701	Manufacture of optical instruments and equipment(2)	33201p			
	26702	Manufacture of photographic equipment <sup>(3)</sup>	33202p			
(1)	Excludes:	<ul> <li>(a) manufacture of computer projectors, see 2620</li> <li>(b) manufacture of commercial TV and video cameras</li> <li>(c) manufacture of household-type video cameras, see</li> <li>(d) manufacture of complete equipment using lase manufacturing class by type of machinery (equipment), see 2660</li> <li>(e) manufacture of photocopy machinery, see 2817</li> <li>(f) manufacture of ophthalmic goods, see 3250</li> </ul>	e 2640 er components, see			
(2)	Includes:	<ul> <li>(a) manufacture of optical machinist's precision tools</li> <li>(b) manufacture of optical mirrors</li> <li>(c) manufacture of optical gun sighting, optical positio</li> <li>(d) manufacture of magnifying instruments, optical color</li> <li>(e) manufacture of optical measuring and checking definistrument: fire control equipment, photographic light manufacture of laser assemblies</li> <li>(g) manufacture of lenses, optical microscopes telescopes</li> <li>(h) manufacture of other optical instruments and equipment</li> </ul>	mparators evices and eyith meters s, binoculars and			
(3)	Includes:	<ul> <li>(a) manufacture of film cameras and digital cameras</li> <li>(b) manufacture of motion picture and slides projector</li> <li>(c) manufacture of overhead transparency projectors</li> <li>(d) manufacture of other photographic equipment n.e.</li> </ul>				



DIVISION 26 : MANUFACTURE OF COMPUTER, ELECTRONIC AND OPTICAL

**PRODUCTS** 

Group 268 : Manufacture of magnetic and optical media

CLA	SS	ITEM	DESCRIPTION	MSIC 2000
2680	<b>)</b> (1)		Manufacture of magnetic and optical media	
		26800	Manufacture of magnetic and optical recording media	30002p
(1)	Inc	eludes:	(a) manufacture of blank magnetic audio and video tap (b) manufacture of blank diskettes (c) manufacture of blank optical discs (d) manufacture of hard drive media (e) manufacture of other magnetic and optical recordin (f) manufacture of storage units for use with compute including memory cards, thumb drives/pen drives, e	g media n.e.c. er or other devices
	Ex	cludes:	reproduction of recorded media: computer media, sour 1820	nd, video, etc., see

#### DIVISION 27 MANUFACTURE OF ELECTRICAL EQUIPMENT

This division includes the manufacture of products that generate, distribute and use electrical power. Also included is the manufacture of electrical lighting, signalling equipment and electric household appliances.

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

# GROUP 271 Manufacture of electric motors, generators, transformers and electricity distribution and control apparatus

This group includes the manufacture of power, distribution and specialty transformers; electric motors, generators and motor generator sets; switchgear and switchboard apparatus; relays and industrial controls. The electrical equipment manufactured in this group is for distribution level voltages.

#### GROUP 272 Manufacture of batteries and accumulators

This group includes the manufacture of non-rechargeable and rechargeable batteries.

## GROUP 273 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. This group also includes the insulating of wire and the manufacture of fibre optic cables.

## GROUP 274 Manufacture of electric lighting equipment

This group includes the 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).

#### GROUP 275 Manufacture of domestic appliances

This group includes the manufacture of 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. This group includes the manufacture of appliances with electric, gas or other fuel sources.





## GROUP 279 Manufacture of other electrical equipment

This group includes the manufacture of miscellaneous electrical equipment other than motors, generators and transformers, batteries and accumulators, wires and wiring devices, lighting equipment or domestic appliances.

DIVISION 27 : MANUFACTURE OF ELECTRICAL EQUIPMENT
Group 271 : Manufacture of electric motors, generators, transformers and electricity distribution and control apparatus

CLASS	S ITEM	DESCRIPTION	MSIC 2000
<b>2710</b> <sup>(1)</sup>		Manufacture of electric motors, generators, transformers and electricity distribution and control apparatus	I
	27101	Manufacture of electric motors, generators and transformers <sup>(2)</sup>	31100p
(1) I	Excludes:	(a) manufacture of electronic component-type transforms see 26102     (b) manufacture of environmental controls and industrial controls.	
		instruments, see 26511 (c) manufacture of switches for electrical circuits (e	g. pushbutton and
		snap switches), see 2733 manufacture of electric welding and soldering equipment, see 27900 manufacture of solid state inverters, rectifiers and converters, se 27900	
		(f) manufacture of turbine-generator sets, see 2811 (g) manufacture starting motors and generators for engines, see 2930	internal combustion
(2) I	ncludes:	<ul> <li>(a) manufacture of distribution transformers, electric</li> <li>(b) manufacture of arc-welding transformers</li> <li>(c) manufacture of fluorescent ballasts (e.g. transform</li> <li>(d) manufacture of substation transformers for electric</li> <li>(e) manufacture of electric motors (except internal starting motors)</li> </ul>	power distribution combustion engine
		(f) manufacture of power generators (except battery, for internal combustion engines)	
		<ul><li>(g) manufacture of motor generators sets (except tu units)</li></ul>	irbine generator set
		(h) manufacture of prime mover generator sets	



DIVISION 27 : MANUFACTURE OF ELECTRICAL EQUIPMENT
Group 271 : Manufacture of electric motors, generators, transformers and electricity distribution and control apparatus

CLASS	ITEM	DESCRIPTION	MSIC 2000
	27102	Manufacture of electricity distribution and control apparatus <sup>(1)</sup>	31200p
(1) Ir	ncludes:	<ul> <li>(a) manufacture of transmission and distribution voltage regulators</li> <li>(b) manufacture of power circuit breakers</li> <li>(c) manufacture of control panels for electric power distribution</li> <li>(d) manufacture of electrical relays</li> <li>(e) manufacture of duct for electrical switchboard apparatus</li> <li>(f) manufacture of electric fuses</li> <li>(g) manufacture of power switching equipment</li> <li>(h) manufacture of electric power switches (except push button, snal solenoid, tumbler)</li> <li>(i) rewinding of armatures on a factory basis</li> </ul>	

DIVISION 27 : MANUFACTURE OF ELECTRICAL EQUIPMENT Group 272 : Manufacture of batteries and accumulators

C	

CLASS	ITEM	DESCRIPTION	MSIC 2000
2720		Manufacture of batteries and accumulators	
	27200	Manufacture of batteries and accumulators <sup>(1)</sup>	31400p
(1) In	cludes:	(a) manufacture of non-rechargeable and recharge (b) manufacture of primary cells and primary containing manganese dioxide, mercuric dioxide manufacture of electric accumulators, includir separators, containers, covers) (d) manufacture of lead acid batteries (e) manufacture of NiCad batteries (f) manufacture of lithium batteries (g) manufacture of dry cell batteries (h) manufacture of wet cell batteries (i) manufacture of other types of batteries and acc	batteries (e.g. cells e, silver oxide, etc.) ng parts thereof (e.g.



DIVISION 27 : MANUFACTURE OF ELECTRICAL EQUIPMENT Group 273 : Manufacture of wiring and wiring devices

CLAS	SS	ITEM	DES	SCRIPTION	MSIC 2000	
<b>2731</b> <sup>(1)</sup>			Manufacture of fibre optic cables			
		27310	Mar	sufacture of fibre optic cables	31301p	
2732	(2)			nufacture of other electronic and electric wires cables		
		27320	Mar cabl	nufacture of other electronic and electric wires and es	31302p	
(1) Includes:		manufacture of fibre optic cables for data transmission or live transmission of images				
	Ex	cludes:	(a) (b)	manufacture of glass fibres or strand, see 23109 manufacture of optical cable sets or assemblies, seapplication, e.g. 26102	ee depending on	
(2) Includes: manufacture of insulated wire and cable, aluminium		ufacture of insulated wire and cable, made of steninium	eel, copper, and			
	Ex	cludes:	(a) (b) (c)	manufacture (drawing) of wire, see 24102, 24104, 24 manufacture of computer cables, printer cables, similar cable sets or assemblies, see 26109 manufacture of cable sets, wiring harnesses and sim assemblies for automotive applications, see 29300	USB cables and	

DIVISION 27 : MANUFACTURE OF ELECTRICAL EQUIPMENT
Group 273 : Manufacture of wiring and wiring devices

CLASS	S ITEM	DESCRIPTION	MSIC 2000
<b>2733</b> <sup>(1)</sup>	)	Manufacture of wiring devices	
	27330	Manufacture of current-carrying and non current- carrying wiring devices for electrical circuits regardles of material	25209p, 31200p, 31309p, 31900p
(1)	Includes:	(a) manufacture of bus bars, electrical conducto type) (b) manufacture of GFCI (ground fault circuit interred) (c) manufacture of lamp holders (d) manufacture of lighting arrestors and coils (e) manufacture of switches for electrical way pushbutton, snap, tumbler switches) (f) manufacture of electrical outlets and sockets manufacture of boxes for electrical wiring (e.g. boxes) (h) manufacture of electrical conduit and fitting manufacture of transmission pole and line hard (j) manufacture of plastic non current-carrying way plastics junction boxes, face plates, and sin fittings (k) manufacture of current-carrying wiring devices manufacture of communication and energy wire manufacture of other wiring devices n.e.c.	upters)  viring (e.g. pressure, junction, outlet, switch  ware iring devices including nilar, plastic pole line for lighting fixtures
	Excludes:	(a) manufacture of ceramic insulators, see 23930 (b) manufacture of sockets, and switches, see 261	09

C - 107



DIVISION 27 : MANUFACTURE OF ELECTRICAL EQUIPMENT Group 274 : Manufacture of electric lighting equipment

CLASS	S ITEM	DESCRIPTION	MSIC 2000
<b>2740</b> <sup>(1)</sup>		Manufacture of electric lighting equipment	
	27400	Manufacture of electric lighting equipment	31500p, 31900p
(1) I	ncludes:	(a) manufacture of electric light bulbs and tube components (b) manufacture of lighting fixtures (c) manufacture of non-electrical lighting equipment (d) manufacture of lighting fixture components (exce wiring devices) (e) manufacture of lighting equipment for motor vehicle	ept current-carrying
ı	Excludes:	<ul> <li>(a) manufacture of glassware and glass parts for lig 23109</li> <li>(b) manufacture of current-carrying wiring devices f see 27330</li> <li>(c) manufacture of ceiling fans or bath fans with fixtures, see 27500</li> <li>(d) manufacture of electrical signalling equipment st and pedestrian signalling equipment, see 27900</li> </ul>	or lighting fixtures, integrated lighting

DIVISION 27 : MANUFACTURE OF ELECTRICAL EQUIPMENT

Group 275 : Manufacture of domestic appliances

CLASS	ITEM	DESCRIPTION	MSIC 2000
<b>2750</b> <sup>(1)</sup>		Manufacture of domestic appliances	
	27500	Manufacture of domestic appliances	29300

## C

#### (1) Includes:

- (a) manufacture of refrigerators, freezers
- (b) manufacture of dishwashers, washing and drying machines
- (c) manufacture of vacuum cleaners, floor polishers, waste disposers
- (d) manufacture of grinders, blenders, juice squeezers, tin openers, electric shavers and other electric personal care device
- (e) manufacture of ventilating or recycling hoods
- (f) manufacture of ceiling fans or bath fans with integrated lighting fixtures
- (g) manufacture of electric water heater, electric blankets, electric hair dryers, electric smoothing irons, household-type fans, electric ovens, microwave ovens, cookers, hotplates, toasters, coffee or tea makers, fry pans, roasters, grills, electric heating
- (h) manufacture of non-electric space heaters, cooking ranges, grates, stoves, water heaters, cooking appliances, etc.
- manufacture of other household and domestic electric appliances n.e.c.

#### Excludes:

- (a) manufacture of commercial and industrial refrigerators and freezers, room air-conditioners, attic fans, permanent mount space heaters and commercial ventilation and exhaust fans, commercialtype cooking equipment; commercial-type laundry, dry-cleaning, and pressing equipment; commercial, industrial and institutional vacuum cleaners, see division 28
- (b) manufacture of household-type sewing machines, see 28260
- (c) installation of central vacuum cleaning systems, see 43294



DIVISION 27 : MANUFACTURE OF ELECTRICAL EQUIPMENT : Manufacture of other electrical equipment Group 279

CL	ASS ITEM	DES	CRIPTION MSIC 2000	
<b>2790</b> <sup>(1)</sup>		Manufacture of other electrical equipment		
(1)	Excludes:	(a) (b)	manufacture of porcelain electrical insulators, see 23930 manufacture of carbon and graphite fibres and products (except electrodes and electrical applications), see 23990	
		(c)	manufacture of electronic component-type rectifiers, voltage regulating integrated circuits, power converting integrated circuits, electronic capacitors, electronic resistors and similar devices, see 26102, 26103	
		(d)	manufacture of transformers, motors, generators, switchgear,	

- relays and industrial controls, see 2710 (e) manufacture of batteries, see 27200
- manufacture of communication and energy wire, current-carrying and non current-carrying wiring devices, see 27330
- (g) manufacture of lighting equipment, see 27400
- (h) manufacture of household-type appliances, see 27500
  (i) manufacture of non-electrical welding and soldering equipment, see 28199
- (j) manufacture of motor vehicle electrical equipment (e.g. generators, alternators, spark plugs, ignition wiring harnesses, power window and door systems, voltage regulators), see 29300
- (k) manufacture of mechanical and electromechanical signalling, safety and traffic control equipment for railways, tramways, inland waterways, roads, parking facilities, airfields, see 30200

C

DIVISION 27 : MANUFACTURE OF ELECTRICAL EQUIPMENT Group 279 : Manufacture of other electrical equipment

CLASS	ITEM	DESCRIPTION	MSIC 2000
	27900	Manufacture of miscellaneous electrical equipment other than motors, generators and transformers, batteries and accumulators, wires and wiring devices, lighting equipment or domestic appliances <sup>(1)</sup>	31900
(1) In	ncludes:	<ul> <li>(a) manufacture of battery charges, solid-state</li> <li>(b) manufacture of door opening and closing devices</li> <li>(c) manufacture of electric bells</li> <li>(d) manufacture of extension cords made from purice</li> <li>(e) manufacture of ultrasonic cleaning machines and dental)</li> <li>(f) manufacture of solid state inverters, rectifying an regulated and unregulated power supplies</li> <li>(g) manufacture of uninterruptible power supplies (Unimanufacture of surge suppressors (except for voltage)</li> <li>(i) manufacture of appliance cords, extension electrical cord sets with insulated wire and connected electrical carbon and graphite electrodes, electrical carbon and graphite products</li> <li>(k) manufacture of particle accelerators</li> <li>(l) manufacture of electrical capacitors, resistors similar components</li> <li>(m) manufacture of electromagnet</li> <li>(n) manufacture of electromagnet</li> <li>(n) manufacture of electrical signs</li> <li>(q) manufacture of electrical signs</li> <li>(q) manufacture of electrical insulators (except glipbase metal conduit and fittings</li> <li>(s) manufacture of electrical insulators equipment internal combustion engines</li> <li>(t) manufacture of electrical welding and sold including hand-held soldering irons, soldering guipmant manufacture of tanning beds</li> <li>(v) manufacture of other electrical equipment n.e.c.</li> </ul>	urchased insulated (except laboratory paratus, fuel cells, PS) r distribution level cords, and other ectors contacts, and other duch as traffic lights ass or porcelain), and component of dering equipment,

# C

#### DIVISION 28 MANUFACTURE OF MACHINERY AND EQUIPMENT N.E.C.

This division includes the manufacture of machinery and equipment that act independently on materials either mechanically or thermally or perform operations on materials (such as handling, spraying, weighing or packing), including their mechanical components that produce and apply force, and any specially manufactured primary parts. This includes the manufacture of fixed and mobile or hand-held devices, regardless of whether they are designed for industrial, building and civil engineering, agricultural or home use. The manufacture of special equipment for passenger or freight transport within demarcated premises also belongs within this division.

This division distinguishes between the manufacture of special-purpose machinery, i.e.: machinery for exclusive use in an MSIC industry or a small cluster of MSIC industries, and general-purpose machinery, i.e.: machinery that is being used in a wide range of MSIC industries.

This division also includes the manufacture of other special-purpose machinery, not covered elsewhere in the classification, whether or not used in a manufacturing process, such as fairground amusement equipment, automatic bowling alley equipment, etc.

This division excludes the manufacture of metal products for general use (division 25), associated control devices, computer equipment, measurement and testing equipment, electricity distribution and control apparatus (divisions 26 and 27) and general-purpose motor vehicles (divisions 29 and 30).

#### GROUP 281 Manufacture of general-purpose machinery

This group includes the manufacture of general-purpose machinery, i.e.: machinery that is being used in a wide range of MSIC industries. This can include the manufacture of components used in the manufacture of a variety of other machinery or the manufacture of machinery that support the operation of other businesses.

### GROUP 282 Manufacture of special-purpose machinery

This group includes the manufacture of special-purpose machinery, i.e.: machinery for exclusive use in an MSIC industry or a small cluster of MSIC industries. While most of these are used in other manufacturing processes, such as food manufacturing or textile manufacturing, this group also includes the manufacture of machinery specific for other (non-manufacturing industries), such as aircraft launching gear or amusement park equipment.

CLASS	ITEM	DESCRIPTION	MSIC 2000
2811(1)		Manufacture of engines and turbines, except aircraft, vehicle and cycle engines	
	28110	Manufacture of engines and turbines, except aircraft, vehicle and cycle engines	29110p
(1) <b>In</b>	cludes:	(a) manufacture of marine engines     (b) manufacture of railway engines	
		(c) manufacture of pistons, piston rings, carburette internal combustion engines, diesel engines, etc.	
		(d) manufacture of inlet and exhaust valves of engines	internal combustion
		(e) manufacture of steam turbines and other vapour t	
		(f) manufacture of hydraulic turbines, waterwheels a	nd regulators thereof
		<ul> <li>(g) manufacture of wind turbines</li> <li>(h) manufacture of gas turbines, except turbojets or aircraft propulsion</li> </ul>	turbo propellers for
		(i) manufacture of boiler-turbine sets	
		(j) manufacture of turbine-generator sets	
Ex	cludes:	(a) manufacture of electric generators (except turb see 27101	ine generator sets),
		<ul><li>(b) manufacture of prime mover generator sets (excessets), see 27101</li></ul>	ept turbine generator
		(c) manufacture of electrical equipment and comcombustion engines, see 27900	ponents of internal
		(d) manufacture of motor vehicle propulsion engines,	see 2910
		(e) manufacture of aircraft propulsion engines, see 30	
		(f) manufacture of cycle propulsion engines, see 309	
		(g) manufacture of turbojets and turbo propellers, see	30300



CLASS	S ITEM	DES	SCRIPTION	MSIC 2000
<b>2812</b> <sup>(1)</sup>		Man	nufacture of fluid power equipment	
	28120		ufacture of fluid power equipment	29120p
<b>2813</b> <sup>(2)</sup>			sufacture of other pumps, compressors, taps valves	
	28130	Man valv	sufacture of other pumps, compressors, taps and es	29120p
(1)	Includes:	(a)	manufacture of hydraulic and pneumatic comp hydraulic pumps, hydraulic motors, hydraulic cylinders, hydraulic and pneumatic valves, hydrau hose and fittings)	and pneumatic
		(b)	manufacture of air preparation equipment to usystems	use in pneumatic
		(c) (d)	manufacture of fluid power systems manufacture of hydraulic transmission equipment	
	Excludes:	(a) (b)	manufacture of compressors, see 28130 manufacture of pumps and valves for non-fluid p see 28130	ower applications,
		(c)	manufacture of mechanical transmission equipment	, see 28140
(2)	Includes:	(a) (b)	manufacture of air or vacuum pumps, air or other gamanufacture of pumps for liquids whether or not fitted measuring device	
		(c)	manufacture of pumps designed for fitting to in	
		(d)	engines (e.g. oil, water and fuel pumps for motor ve manufacture of industrial taps and valves, including and intake taps	
		(e)	manufacture of sanitary taps and valves	
		(f) (g)	manufacture of heating taps and valves manufacture of hand pumps	
	Excludes:	(a)	manufacture of valves of unhardened vulcanized regramic materials, see 22191, 2310 or 2393	rubber, glass or of
		(c)	manufacture of hydraulic transmission equipment, s manufacture of inlet and exhaust valves of in engines, see 28110	

CLAS	SS I	TEM	DESCRIPTION	MSIC 2000
2814 <sup>(2</sup> 2815 <sup>(2</sup>	2	28140	Manufacture of bearings, gears, gearing and driving elements  Manufacture of bearings, gears, gearing and driving elements  Manufacture of ovens, furnaces and furnace	29130p
	2	28150	burners  Manufacture of ovens, furnaces and furnace burners	29140p
(b) manufacture of n (c) manufacture of changers (d) manufacture of changers (e) manufacture of fl (f) manufacture of a		des:	<ul> <li>(b) manufacture of mechanical power transmission equipment of manufacture of gears, gearing and gear boxes changers</li> <li>(d) manufacture of clutches and shaft couplings</li> <li>(e) manufacture of flywheels and pulleys</li> </ul>	oment
	Exclu	udes:	<ul> <li>(a) manufacture of other chain, see 25993</li> <li>(b) manufacture of (electromagnetic) clutches, see 2930</li> <li>(c) manufacture of sub-assemblies of power transmidentifiable as parts of vehicles or aircraft, see division</li> </ul>	ssion equipment
(2)	Inclu	des:	<ul> <li>(a) manufacture of electrical and other industrial and la and ovens, including incinerators</li> <li>(b) manufacture of burners</li> <li>(c) manufacture of permanent mount electric space swimming pool heaters</li> <li>(d) manufacture of permanent mount non-electric he equipment (e.g. solar heating, steam heating, oil furnaces and heating equipment).</li> <li>(e) manufacture of electric household-type furnaces (efurnaces, heat pumps, etc.), non-electric house furnaces</li> <li>(f) manufacture of mechanical stokers, grates, ash disclarations.</li> </ul>	heaters, electric busehold heating heat and similar electric forced air ehold forced air
	Exclu	udes:	<ul> <li>(a) manufacture of household ovens, see 27500</li> <li>(b) manufacture of agricultural dryers, see 28250</li> <li>(c) manufacture of bakery ovens, see 28250</li> <li>(d) manufacture of dryers for wood, paper pulp, paper of 28290</li> <li>(e) manufacture of medical, surgical or laboratory sterilizer</li> <li>(f) manufacture of (dental) laboratory furnaces, see 325</li> </ul>	ers, see 32500



CLASS	ITEM	DESCRIPTION	MSIC 2000	
<b>2816</b> <sup>(1)</sup>		Manufacture of lifting and handling equipment		
	28160	Manufacture of lifting and handling equipment	29150p	
(,)	Includes:  (a) pulley tackle and hoists, winches, capstan (b) derricks, cranes, mobile lifting frames, stra (c) works trucks, whether or not fitted with lift whether or not self-propelled, of the type hand trucks and wheelbarrows) (d) mechanical manipulators and industrial r for lifting, handling, loading or unloading (e) manufacture of conveyors,, telfers (téléphe (f) manufacture of lifts, escalators and moving (g) manufacture of parts specialized for lifting  Excludes:  (a) manufacture of continuous-action elev		dle carriers, etc.  ng or handling equipment, sed in factories (including bots specifically designed iques), etc. walkways nd handling equipment	
		underground use, see 28240  (b) manufacture of mechanical shovels, excavator see 28240  (c) manufacture of industrial robots for multiple use (d) manufacture of floating cranes, railway cran 30110, 30200  (e) installation of lifts and elevators, see 43291	s, see 28290	

DIVISION 28 : MANUFACTURE OF MACHINERY AND EQUIPMENT N.E.C. Group 281 : Manufacture of general purpose machinery

CLASS	ITEM	DESCRIPTION	MSIC 2000
2817 <sup>(1)</sup>	28170	Manufacture of office machinery and equipment (except computers and peripheral equipment)  Manufacture of office machinery and equipment (except computers and peripheral equipment)	30001p
(1) In	ncludes:	(a) manufacture of calculating machines (b) manufacture of adding machines, cash registers (c) manufacture of calculators, electronic or not (d) manufacture of postage meters, mail handling machinery (e) manufacture of typewriters (f) manufacture of stenography machines (g) manufacture of office-type binding equipment (h) manufacture of cheque writing machines (i) manufacture of coin counting and wrapping machine (j) manufacture of staplers and staple removers (l) manufacture of staplers and staple removers (l) manufacture of toting machines (m) manufacture of toting machines (n) manufacture of hole punches (o) manufacture of hole punches (o) manufacture of photocopy machines (p) manufacture of toner cartridges (r) manufacture of blackboards; white boards and mark (s) manufacture of other office machinery and equipment	ery ated ker boards

Excludes: manufacture of computers and peripheral equipment, see 2620



CLASS	S ITEM	DESCRIPTION	MSIC 2000
2818(1)	)	Manufacture of power-driven hand tools	
	28180	Manufacture of power-driven hand tools with self- contained electric or non-electric motor or pneumatic drives	29220p
<b>2819</b> <sup>(2)</sup>	)	Manufacture of other general-purpose machinery	
	28191	Manufacture of refrigerating or freezing industrial equipment <sup>(3)</sup>	29191p
	28192	Manufacture of air-conditioning machines, including for motor vehicles	29191p
(1) Includes:		manufacture of hand tools, with self-contained electric or or pneumatic drives (e.g. circular or reciprocating saws, drills, hand held power sanders, pneumatic nailers, grinders, staplers, pneumatic rivet guns, etc.)	drills and hammer
Excludes:		manufacture of electrical hand-held soldering and welding 27900	ng equipment, see
(2)	Excludes:	<ul> <li>(a) manufacture of sensitive (laboratory-type) balances</li> <li>(b) manufacture of domestic refrigerating or freezing 27500</li> <li>(c) manufacture of domestic fans, see 27500</li> <li>(d) manufacture of electrical welding and soldering 27900</li> <li>(e) manufacture of agricultural spraying machinery, see (f) manufacture of metal or glass rolling machinery and see 2823, 2829</li> <li>(g) manufacture of agricultural dryers, see 2825</li> <li>(h) manufacture of machinery for filtering or purifying for manufacture of cream separators, see 2825</li> <li>(j) manufacture of commercial clothes dryers, see 2826</li> <li>(k) manufacture of textile printing machinery, see 2826</li> </ul>	g equipment, see g equipment, see g 28210 g cylinders thereof, od, see 2825
(3)	Includes:	<ul> <li>(a) manufacture of non-domestic fans</li> <li>(b) manufacture of attic ventilation fans (gable fans, roc</li> <li>(c) manufacture of commercial and industrial refrigerate</li> </ul>	of ventilators, etc.)

C

DIVISION 28 : MANUFACTURE OF MACHINERY AND EQUIPMENT N.E.C.

Group 281 : Manufacture of general purpose machinery

CLASS	ITEM	DESCRIPTION	MSIC 2000
	28199	Manufacture of other general-purpose machinery n.e.c. <sup>(1)</sup>	29199р

#### (1) Includes:

- (a) manufacture of weighing machinery, household and shop scales, etc.
- (b) manufacture of filtering or purifying machinery and apparatus for liquids
- (c) manufacture of equipment for projecting, dispersing or spraying liquids or powder (e.g. spray guns, fire extinguishers, sandblasting machines, steam cleaning machines, etc.)
- (d) manufacture of packing and wrapping machinery (e.g. filling, closing, sealing, capsuling or labelling machines, etc.)
- (e) manufacture of machinery for cleaning or drying bottles and for aerating beverages
- (f) manufacture of distilling or rectifying plant for petroleum refineries, chemical industries, beverage industries, etc.
- (g) manufacture of heat exchangers
- (h) manufacture of machinery for liquefying air or gas
- (i) manufacture of gas generators
- manufacture of calendering or other rolling machines and cylinders thereof (except for metal and glass)
- (k) manufacture of centrifuges (except cream separators and clothes dryers)
- manufacture of gaskets and similar joints made of a combination of materials or layers of the same material
- (m) manufacture of automatic goods vending machines
- (n) manufacture of parts for general-purpose machinery
- (o) manufacture of level, tape measures and similar hand tools, machinists' precision tools (except optical)
- (p) manufacture of non-electrical welding and soldering equipment



CLASS	ITEM	DESCRIPTION	MSIC 2000
<b>2821</b> <sup>(1)</sup>		Manufacture of agricultural and forestry machinery	
	28210	Manufacture of agricultural and forestry machinery	29210p
(1) II	ncludes:	<ul> <li>(a) manufacture of tractors used in agriculture and for (b) manufacture of walking (pedestrian-controlled) tractors manufacture of mowers, including lawnmowers (d) manufacture of agricultural self-loading or self-usemi-trailers</li> <li>(e) manufacture of agricultural machinery for soil prefertilizing (e.g. ploughs, manure spreaders, seeder (f) manufacture of harvesting or threshing machiner threshers, sorters, etc.)</li> <li>(g) manufacture of milking machines</li> <li>(h) manufacture of spraying machinery for agricultural manufacture of poultry-keeping machinery, bee-keeping manufacture of machines for cleaning, sorting or etc.</li> <li>(k) manufacture of other diverse agricultural machiner.</li> </ul>	ctors inloading trailers or paration, planting or rs, harrows, etc.) ry (e.g. harvesters, luse peping machinery grading eggs, fruits,
E	xcludes:	<ul> <li>(a) manufacture of non-power-driven agricultural hand</li> <li>(b) manufacture of conveyors for farm use, see 2816</li> <li>(c) manufacture of power-driven hand tools, see 2818</li> <li>(d) manufacture of cream separators, see 2825</li> <li>(e) manufacture of machinery to clean, sort or grade leguminous vegetables, see 2825</li> <li>(f) manufacture of road tractors for semi-trailers, see</li> <li>(g) manufacture of road trailers or semi-trailers, see 2</li> </ul>	seed, grain or dried

DIVISION 28 : MANUFACTURE OF MACHINERY AND EQUIPMENT N.E.C.

Group 282 : Manufacture of special-purpose machinery

CLASS	S ITEM	DESCRIPTION	MSIC 2000
<b>2822</b> <sup>(1)</sup>		Manufacture of metal-forming machinery and machine tools	
	28220	Manufacture of metal-forming machinery and machine tools	29220p
(1)	Includes:	(a) manufacture of punch presses, hydraulic presses, drop hammers, forging machines, etc.	, hydraulic brakes,
		<ul> <li>(b) manufacture of draw-benches, thread rollers or ma wires</li> </ul>	chines for working
		<ul> <li>(c) manufacture of stationary rotary or rotary percumachines, riveters, sheet metal cutters, etc.</li> </ul>	ission drills, filling
		(d) manufacture of presses for the manufacture of parl like	ticle board and the
		<ul> <li>(e) manufacture of other metal-forming machinery n.e.</li> <li>(f) manufacture of machine tools for working metals a (e.g. wood, bone, stone, hard rubber, hard plastics</li> </ul>	and other materials

- planning, boring, grinding, etc.
  (h) manufacture of stamping or pressing machine tools
- (i) manufacture of stationary machines for nailing, stapling, glueing or otherwise assembling wood, cork, bone, hard rubber or plastic, etc.

(g) manufacture of machine tools for turning, drilling, milling, shaping,

including those using a laser beam, ultrasonic waves, plasma arc,

i) manufacture of electroplating machinery

magnetic pulse, etc.

- (k) manufacture of parts and accessories for the machine tools listed above (e.g. work holders, dividing heads and other special attachments for machine tools)
- (I) manufacture of other machine tools n.e.c.

### Excludes:

- (a) manufacture of interchangeable tools for hand tools or machine tools (e.g. drills, punches, dies, taps, milling cutters, turning tools, saw blades, cutting knives, etc.), see 2593
- (b) manufacture of electric hand held soldering irons and soldering guns, see 2790
- (c) manufacture of power-driven hand tools, see 2818
- (d) manufacture of machinery used in metal mills or foundries, see 2823
- e) manufacture of machinery for mining and quarrying, see 2824





CLASS	S ITEM	DES	SCRIPTION	MSIC 2000
<b>2823</b> <sup>(1)</sup>		Mar	nufacture of machinery for metallurgy	
28230		Mar	nufacture of machinery for metallurgy	29230p
<b>2824</b> <sup>(2)</sup>			nufacture of machinery for mining, quarrying construction	
	28240		nufacture of machinery for mining, quarrying and struction	29240p
(1) Includes:		(a)	manufactures of machines and equipment for haconverters, ingot moulds, ladles, casting machines	andling hot metals:
		(b)	manufacture of metal-rolling mills and rolls for such	mills
Excludes:		(a) (b)	manufacture of draw-benches, see 2822 manufacture of moulding boxes and moulds (excessee 2593	ept ingot moulds),
		(c)	manufacture of machines for forming foundry mould	ds, see 2829
(2) Includes:		(a)	manufacture of continuous-action elevators as underground use	nd conveyors for
		(b)	manufacture of boring, cutting, sinking and tur (whether or not for underground use)	nnelling machinery
		(c)	manufacture of machinery for treating minerals by separating, washing, crushing, etc.	screening, sorting,
		(d) (e)	manufacture of concrete and mortar mixers manufacture of earth-moving machinery (e.g. dozers, graders, scrapers, levellers, mechanical	
		(f)	loaders, etc.) manufacture of pile-drivers and pile-extractors, bitumen spreaders, concrete surfacing machinery,	
		(g)	manufacture of track laying tractors and tractors us or mining	
		(h)	manufacture of bulldozer and angle-dozer blades	
		(i) (j)	manufacture of off-road dumping trucks manufacture of machinery for mining, quarrying n.e.c.	and construction
	Excludes:	(a) (b) (c)	manufacture of lifting and handling equipment, see manufacture of other tractors, see 2821, 2910 manufacture of machine tools for working stone, is	
		, ,	for splitting or clearing stone, see 2822	nordaing machines
		(d) (e)	manufacture of concrete-mixer lorries, see 2910 manufacture of mining locomotives and mining rail	cars, see 3020

DIVISION 28 : MANUFACTURE OF MACHINERY AND EQUIPMENT N.E.C.

Group 282 : Manufacture of special-purpose machinery

MSIC 2000
e and
nd 29250p
zers) chums, butter workers and
mums, butter workers and
grain or dried leguminous
e.g. grinding mills, etc.)
ed to make wine, cider, frui
ery industry or for making
r chocolate
ables

### Excludes:

(p)

(a) manufacture of food and milk irradiation equipment, see 2660

machinery for prepare fish, shellfish or other seafood

machinery for filtering and purifying

fats or vegetable fats oils

restaurants

b) manufacture of packing, wrapping and weighing machinery, see 2819

(q) other machinery for the industrial preparation of manufacture of food

(r) manufacture of machinery for the extraction or preparation of animal

manufacture of machinery for the preparation of tobacco and for the making of cigarettes or cigars or for pipe or chewing tobacco or snuff manufacture of machinery for the preparation of food in hotels and

(c) manufacture of cleaning, sorting or grading machinery for eggs, fruit or other crops (except seeds, grains and dried leguminous vegetables), see 2821

C



CLASS	ITEM	DESCRIPTION	MSIC 2000
2826(1)	28260	Manufacture of machinery for textile, apparel and leather production  Manufacture of machinery for textile, apparel and leather production	29260p
(1) In	cludes:	(a) machines for preparing, producing, extruding, cutting man-made textile fibres, materials or yarr machines for preparing textiles fibres (e.g. cotton garnetters, cotton spreaders, wool scouters, wool carders, roving frames, etc.)  (c) spinning machines (d) machines for preparing textiles yarns (e.g. related machines) (e) weaving machines (looms), including hand loom (f) knitting machines (g) machines for making knotted net, tulle, lace, branchines for machines or equipment (e.g. dobbies, jacquards, spindles, spindle flyers (i) manufacture of textile printing machinery (j) machinery for washing, bleaching, dyeing, dress or impregnating textile fabrics (k) manufacture of machines for reeling, unreeling pinking textile fabrics (l) ironing machines, including fusing presses (m) dry-cleaning machines (n) manufacture of sewing machines (n) manufacture of sewing machines (n) manufacture of machines for producing or finishing machinery for preparing, tanning or working hide machinery for making or repairing footwear or of skins, leather or fur skins	ns in gins, bale breakers, of carbonizes, combs, of carbonizes, combs, reelers, warpers and id, etc. it for textile machinery, etc.) sing, finishing, coating ing, folding, cutting or ong felt or non-woven is, skins or leather
Ex	kcludes:	<ul> <li>(a) manufacture of paper or paperboard cards machines, see 1709</li> <li>(b) manufacture of domestic washing and drying machines manufacture of calendaring machines, see 2819</li> <li>(d) manufacture of machines used in bookbinding, see 2819</li> </ul>	achines, see 2750

: MANUFACTURE OF MACHINERY AND EQUIPMENT N.E.C.

Group 282 : Manufacture of special-purpose machinery

CLASS	ITEM	DESCRIPTION	MSIC 2000
<b>2829</b> <sup>(1)</sup>		Manufacture of other special-purpose machinery	
	28290	Manufacture of other special-purpose machinery n.e.c.	29290p
(1) In	ncludes:	<ul> <li>(a) manufacture of machinery for making paper pulp</li> <li>(b) manufacture of paper and paperboard making manufacture of dryers for wood, paper pulp, pape</li> <li>(d) manufacture of machinery producing articles of paper manufacture of machinery for working soft rubber manufacture of products of these materials moulders, pneumatic tyre making or retreading machines for making a specific rubber or plastic periodic machinery for producing tiles, bricks shaped cere graphite electrodes, blackboard chalk, foundry mouth of the production of the semi-conductor manufacture of diverse special-purpose machine such as machines to assemble electric or electivates) or bulbs; machines for production or hough assware, glass fibre or yarn machinery or appearation</li> <li>(k) manufacture of tire alignment and balancing equipment (except wheel balancing)</li> <li>(l) manufacture of central greasing systems</li> <li>(m) manufacture of tanning beds</li> </ul>	ar or paperboard aper or paperboard ar or plastics or for the such as extruders, machines and other aroduct es and machines for ials ramic pastes, pipes, bulds, etc. cturing machinery mery and equipment ctronic lamps, tubes t-working of glass or aparatus for isotopic quipment; balancing carrier catapults and

Excludes:

- (a) manufacture of household appliances, see 2750
   (b) manufacture of photocopy machines, see 2817
   (c) manufacture of machinery or equipment to work hard rubber, hard plastics or cold glass, see 2822

(o) manufacture of automatic bowling alley equipment (e.g. pin-setters) (p) manufacture of roundabouts, swings, shooting galleries and other

(d) manufacture of ingot moulds, see 2823

fairground amusements



#### **DIVISION 29**

### MANUFACTURE OF MOTOR VEHICLES, TRAILERS AND SEMITRAILERS

This division includes the manufacture of motor vehicles for transporting passengers or freight. The manufacture of various parts and accessories, as well as the manufacture of trailers and semi-trailers, is included here. The maintenance and repair of vehicles produced in this division are classified in 4520.

#### **GROUP 291** Manufacture of motor vehicles

This group includes manufacture of passenger cars, manufacture of commercial vehicles, manufacture of buses, trolley-buses and coaches, manufacture of motor vehicle engines manufacture of chassis fitted with engines, manufacture of other motor vehicles, ATVs, go-carts and similar including race cars and factory rebuilding of motor vehicle engines.

## GROUP 292 Manufacture of bodies (coachwork) for motor vehicles; manufacture of trailers and semi-trailers

This group includes manufacture of bodies, including cabs for motor vehicles, outfitting of all types of motor vehicles, trailers and semi-trailers, manufacture of trailers and semi-trailers and manufacture of containers for carriage by one or more modes of transport.

#### GROUP 293 Manufacture of parts and accessories for motor vehicles

This group includes manufacture of diverse parts and accessories for motor vehicles, manufacture of parts and accessories of bodies for motor vehicles, manufacture of car seats and manufacture of motor vehicle electrical equipment, such as generators, alternators, spark plugs, ignition wiring harnesses, power window and door systems, assembly of purchased gauges into instrument panels, voltage regulators, etc.

DIVISION 29 : MANUFACTURE OF MOTOR VEHICLES, TRAILERS AND SEMI-

**TRAILERS** 

Group 291 : Manufacture of motor vehicles

CLASS	ITEM	DESCRIPTION	MSIC 2000
<b>2910</b> <sup>(1)</sup>		Manufacture of motor vehicles	
	29101	Manufacture of passenger cars <sup>(2)</sup>	34100p
	29102	Manufacture of commercial vehicles(3)	34100p

	29102	Manufacture of commercial vehicles <sup>(3)</sup>	34100p
(1)	Excludes:	(a) manufacture of lighting equipment for mo (b) manufacture of pistons, piston rings and (c) manufacture of agricultural tractors, see 2 (d) manufacture of tractors used in construct (e) manufacture of off-road dumping trucks, s (f) manufacture of bodies for motor vehicles (g) manufacture of electrical parts for motor of (h) manufacture of parts and accessories for (i) manufacture of tanks and other military fi (j) maintenance, repair and alteration of motors (b) manufacture of tanks and other military fi (j) maintenance, repair and alteration of motors (k)	carburettors, see 2811 2821 iion or mining, see 2824 see 2824 , see 2920 vehicles, see 2930 motor vehicles, see 2930 ghting vehicles, see 3040
(2)	Includes:	<ul> <li>(a) manufacture of passenger cars</li> <li>(b) manufacture of MPVs (Multi Purpose Vel)</li> <li>(c) manufacture SUVs (Sport Utility Vehicles)</li> <li>(d) manufacture of motor vehicle engines for</li> <li>(e) manufacture of chassis fitted with engine</li> </ul>	s) passenger cars
(3)	Includes:	(a) manufacture of vans (b) manufacture of lorries (c) manufacture of over-the-road tractors, etc (d) manufacture of buses, trolley-buses and (e) manufacture of motor vehicle engines for (f) manufacture of other motor vehicles n.e.c (g) manufacture of chassis fitted with engine (h) manufacture of snowmobiles, golf carts, a (i) manufacture of fire engines, street so armoured cars, etc. (j) manufacture of concrete-mixer lorries (k) manufacture of ATVs (All Terrain Vehice)	coaches commercial vehicles c. s for commercial vehicles amphibious vehicles weepers, travelling libraries,

(I) factory rebuilding of motor vehicle engines



DIVISION 29 : MANUFACTURE OF MOTOR VEHICLES, TRAILERS AND SEMI-

**TRAILERS** 

: Manufacture of bodies (coachwork) for motor vehicles; manufacture of trailers and semi-trailers Group 292

CLASS	SITEM	DESCRIPTION	MSIC 2000
<b>2920</b> <sup>(1)</sup>		Manufacture of bodies (coachwork) for motor vehicles; manufacture of trailers and semi-trailers	
	29200	Manufacture of bodies (coachwork) for motor vehicles; manufacture of trailers and semi-trailers	34200
(1)	includes:	(a) manufacture of cabs for motor vehicles (b) outfitting of all types of motor vehicles and trailers (c) manufacture of road trailers (d) outfitting of other types of motor vehicles n.e.c. (e) manufacture of tankers, (f) removal trailers, etc. (g) manufacture of caravan trailers, etc. (h) manufacture of containers for carriage by one of transport	or more modes of
١	Excludes:	<ul> <li>(a) manufacture of trailers and semi-trailers specially of agriculture, see 2821</li> <li>(b) manufacture of parts and accessories of bodies see 29300</li> <li>(c) manufacture of vehicles drawn by animals, see 309</li> </ul>	for motor vehicles,

DIVISION 29 : MANUFACTURE OF MOTOR VEHICLES, TRAILERS AND SEMI-

**TRAILERS** 

Group 293 : Manufacture of parts and accessories for motor vehicles

CLASS	ITEM	DESCRIPTION	MSIC 2000
<b>2930</b> <sup>(1)</sup>		Manufacture of parts and accessories for moto vehicles	or
	29300	Manufacture of parts and accessories for motor vehicles	34300, 36102p
(1) <b>In</b>	cludes:	(a) manufacture of brakes, gearboxes, axles, shock absorbers, radiators, silencers, converters, clutches, steering wheels, steer boxes  (b) manufacture of safety belts, airbags, doors, led to manufacture of car seats  (d) manufacture of generators, alternators, spharnesses  (e) manufacture of power window and door system (f) assembly of purchased gauges into instregulators, etc.  (g) manufacture of cable sets, wiring harnesses	exhaust pipes, catalytic ing columns and steering bumpers ark plugs, ignition wiring ems trument panels, voltage
Es	xcludes:	assemblies for automotive applications  (a) manufacture of tyres, see 2211 (b) manufacture of rubber hoses and belts and see 22191 (c) manufacture of plastic hoses and belts and 22202 (d) manufacture of batteries for vehicles, see 27 (e) manufacture of lighting equipment for motor f) manufacture of pistons, piston rings and cart manufacture of pumps for motor vehicles and manufacture of motor vehicle engines, see 2 (i) manufacture of chassis fitted with engines, s manufacture of bodies for motor vehicles, see maintenance, repair and alternation of motor	other plastic products, see 200 vehicles, see 2740 purettors, see 2811 d engines, see 2813 910 ee 2910 ee 29200



# C

#### DIVISION 30 MANUFACTURE OF OTHER TRANSPORT EQUIPMENT

This division includes the manufacture of transportation equipment such as ship building and boat manufacturing, the manufacture of railroad rolling stock and locomotives, air and spacecraft and the manufacture of parts thereof.

#### GROUP 301 Building of ships and boats

This group includes the building of ships, boats and other floating structures for transportation and other commercial purposes, as well as for sports and recreational purposes.

#### GROUP 302 Manufacture of railway locomotives and rolling stock

This group includes manufacture of electric, diesel, steam and other rail locomotives, manufacture of self-propelled railway or tramway coaches, vans and trucks, maintenance or service vehicles, manufacture of railway or tramway rolling stock, not self-propelled, manufacture of specialized parts of railway or tramway locomotives or of rolling stock, manufacture of mechanical and electromechanical signalling, safety and traffic control equipment for railways, tramways, inland waterways, roads, parking facilities, airfields, etc., manufacture of mining locomotives and mining rail cars and manufacture of railway car seats.

#### GROUP 303 Manufacture of air and spacecraft and related machinery

This group includes manufacture of airplanes for the transport of goods or passengers, for use by the defence forces, for sport or other purposes, manufacture of helicopters, manufacture of gliders, hang-gliders, manufacture of dirigibles and hot air balloons, manufacture of parts and accessories of the aircraft of this group such as major assemblies such as fuselages, wings, doors, control surfaces, landing gear, fuel tanks, nacelles, etc., airscrews, helicopter rotors and propelled rotor blades, motors and engines of a kind typically found on aircraft, parts of turbojets and turboprops for aircraft, manufacture of ground flying trainers, manufacture of spacecraft and launch vehicles, satellites, planetary probes, orbital stations, shuttles, manufacture of intercontinental ballistic missiles (ICBM), overhaul and conversion of aircraft or aircraft engines and manufacture of aircraft seats.

#### GROUP 304 Manufacture of military fighting vehicles

This group includes manufacture of tanks, manufacture of armoured amphibious military vehicles and manufacture of other military fighting vehicles.

#### GROUP 309 Manufacture of transport equipment n.e.c.

This group includes the manufacture of transport equipment other than motor vehicles and rail, water, air or space transport equipment and military vehicles.

DIVISION 30 : MANUFACTURE OF OTHER TRANSPORT EQUIPMENT

: Building of ships and boats Group 301

CLASS	ITEM	DESCRIPTION	MSIC 2000
<b>3011</b> <sup>(1)</sup>		Building of ships and floating structures	
	30110	Building of ships and floating structures	35110p



(1) Includes:

- (a) building of commercial and passenger vessels
- building of ferry-boats (b)
- building of cargo ships, tankers, tugs, etc. (c)
- (d) building of warship
- (e) building of fishing boats and fish-processing factory vessels
- (f) building of hovercraft (except recreation-type hovercraft)
  (g) construction of drilling platforms, floating or submersible
- (h) floating docks, dock fender and deck fender, pontoons, coffer-dams, floating landing stages, buoys, floating tanks, barges, lighters, floating cranes, non-recreational inflatable rafts, etc.
- manufacture of sections for ship and floating structures
- (j) factory rebuilding of ships

Excludes:

- (a) manufacture of parts of vessels, other than major hull assemblies:
  - manufacture of sails, see 13922
  - manufacture of ships' propellers, see 25999
  - manufacture of iron or steel anchors, see 25999
  - manufacture of marine engines, see 2811
- (b) manufacture of navigational instruments, see 26511
- (c) manufacture of lighting equipment for ships, see 2740
- (d) manufacture of amphibious motor vehicles, see 29102
- (e) manufacture of inflatable boats or rafts for recreation, see 3012
- (f) specialized repair and maintenance of ships and floating structures, see 3315
- (g) ship-breaking, see 38301
- (h) interior installation of boats, see 43306



DIVISION 30 : MANUFACTURE OF OTHER TRANSPORT EQUIPMENT Group 301 : Building of ships and boats

CLASS	S ITEM	DESCRIPTION	MSIC 2000
<b>3012</b> <sup>(1)</sup>		Building of pleasure and sporting boats	
	30120	Building of pleasure and sporting boats	35120p
(1)	ncludes:	<ul> <li>(a) manufacture of inflatable boats and rafts</li> <li>(b) building of sailboats with or without auxiliary motor</li> <li>(c) building of motor boats</li> <li>(d) building of recreation-type hovercraft</li> <li>(e) manufacture of personal watercraft</li> <li>(f) manufacture of other pleasure and sporting boats kayaks, rowing boats, skiffs, etc.</li> </ul>	s, such as canoes,
I	Excludes:	<ul> <li>(a) manufacture of parts of pleasure and sporting boat</li> <li>manufacture of sails, see 13922</li> <li>manufacture of iron or steel anchors, see 2599</li> <li>manufacture of marine engines, see 2811</li> <li>(b) manufacture of sailboards and surfboards, see 323</li> <li>(c) maintenance, repair or alteration of pleasure boats</li> </ul>	0

DIVISION 30 : MANUFACTURE OF OTHER TRANSPORT EQUIPMENT

Group 302 : Manufacture of railway and rolling stock

CLAS	S ITEM	DESCRIPTION	MSIC 2000
<b>3020</b> <sup>(1)</sup>		Manufacture of railway locomotives and rolling stock	
	30200	Manufacture of railway locomotives and rolling stock	35200p
(1)	Includes:	<ul> <li>(a) manufacture of electric, diesel, steam and other rail</li> <li>(b) manufacture of self-propelled railway or tramway of trucks, maintenance or service vehicles</li> <li>(c) manufacture of passengers coaches, goods vans, discharging vans and wagons, workshop vans, creetc.</li> <li>(d) manufacture of bogies, axles and wheels, brakes a hooks and coupling devices, buffers and bustoness, wagon and locomotives frames, connections, etc.</li> <li>(e) manufacture of mechanical and electromechanical and traffic control equipments for railways, waterways, roads, parking facilities, airfields</li> <li>(f) manufacture of mining locomotives and mining rail of manufacture of railways car seats</li> <li>(h) factory rebuilding of locomotives and railroad cars</li> </ul>	tank wagons, self- ane vans, tenders, and parts of brakes, ffer parts, shock bodies, corridor I signalling, safety tramways, inland
	Excludes:	<ul> <li>(a) manufacture of unassembled rails, see 24109</li> <li>(b) manufacture of assembled railway track fixtures, see</li> <li>(c) manufacture of electric motors, see 27101</li> <li>(d) manufacture of electrical signalling, safety or trafficsee 27900</li> <li>(e) manufacture of engines and turbines see 28110</li> </ul>	

(e) manufacture of engines and turbines, see 28110



DIVISION 30 : MANUFACTURE OF OTHER TRANSPORT EQUIPMENT Group 303 : Manufacture of air and spacecraft and related machinery

CLAS	S ITEM	DESCRIPTION	MSIC 2000	
3030(1)	)	Manufacture of air and spacecraft and related machinery		
	30300	Manufacture of air and spacecraft and related machinery	35300p, 36102p	
(1)	Includes:	(a) manufacture of airplanes for transport of goods or part by the defence forces, for sport or other purposes manufacture of helicopters manufacture of gliders, hand-gliders manufacture of dirigibles and hot air balloons manufacture of parts and accessories of the aircraft of manufacture of parts and accessories of the aircraft of manufacture of parts and accessories of the aircraft of manufacture of parts and parts of turbing equipm airscrews, helicopter rotors and propelled rotor blace motors, engines and parts of a kind typically found parts of turbojets and turbo propellers for aircraft manufacture of aircraft seats manufacture of ground flying trainers manufacture of spacecraft and launch vehicles, sate probes, orbital stations, shuttles, etc.  (i) manufacture of intercontinental ballistic missiles (ICB overhaul and conversion on aircraft or aircraft engine factory rebuilding of aircraft	of this class:     control surfaces, nent, etc.) lades nd on aircraft atellites, planetary	
	Excludes:	<ul> <li>(a) manufacture of parachutes, see 13922</li> <li>(b) manufacture of military ordinance and ammunition, see</li> <li>(c) manufacture of telecommunication equipment for sate manufacture of aircraft instrumentation and aeronau see 26511</li> <li>(e) manufacture of air navigation system, see 2651</li> <li>(f) manufacture of lighting equipment for aircraft, see 27</li> <li>(g) manufacture of ignition parts and other electrical combustion engines, see 27900</li> <li>(h) manufacture of pistons, piston rings and carburettors</li> <li>(i) manufacture of aircraft launching gear, aircraft carrielated equipment, see 2829</li> </ul>	ellites, see 2630 tical instruments, 40 parts for internal , see 2811	

DIVISION 30 : MANUFACTURE OF OTHER TRANSPORT EQUIPMENT

Group 304 : Manufacture of military fighting vehicles

CLASS	ITEM	DESCRIPTION	MSIC 2000
3040(1)		Manufacture of military fighting vehicles	
	30400	Manufacture of military fighting vehicles	29270p

(1) Includes: (a) manufacture of tanks

(b) manufacture of armoured amphibious military vehicles
 (c) manufacture of other military fighting vehicles

Excludes: manufacture of weapons and ammunitions, see 2520



DIVISION 30 : MANUFACTURE OF OTHER TRANSPORT EQUIPMENT Group 309 : Manufacture of transport equipment n.e.c.

CLA	SS ITEM	DESCRIPTION	MSIC 2000
3091	(1)	Manufacture of motorcycles	
	30910	Manufacture of motorcycles	35910
3092	2(2)	Manufacture of bicycles and invalid carriages	
	30920	Manufacture of bicycles and invalid carriages 35920	
3099	(3)	Manufacture of other transport equipment n.e.c.	
	30990	Manufacture of other transport equipments n.e.c	35990
(1)	Includes:	<ul> <li>(a) manufacture of motorcycles, mopeds and cycle fitted with an engine</li> <li>(b) manufacture of engines for motorcycles</li> <li>(c) manufacture of sidecars</li> <li>(d) manufacture of parts and accessories for motorcycles</li> <li>(e) manufacture of scooters</li> </ul>	
	Excludes:	<ul><li>(a) manufacture of bicycles, see 30920</li><li>(b) manufacture of invalid carriages, see 30920</li></ul>	
(2)	Includes:	<ul> <li>(a) manufacture of non-motorized bicycles and oth (delivery) tricycles, tandems, children's bicycles at (b) manufacture of parts and accessories of bicycles</li> <li>(c) manufacture of invalid carriages with or without m manufacture of parts and accessories of invalid communication (e) manufacture of baby carriages</li> <li>(f) manufacture of wheelchairs</li> </ul>	nd tricycles (saddles etc.)
	Excludes:	<ul> <li>(a) manufacture of bicycles with auxiliary motor, see</li> <li>(b) manufacture of wheeled toys designed to be ridd bicycles and tricycles, see 3240</li> </ul>	
(3)	Includes:	<ul> <li>(a) manufacture of hand-propelled vehicles (luggages sledges, shopping carts, etc.)</li> <li>(b) manufacture of vehicles drawn by animals (statements)</li> </ul>	
	Excludes:	<ul> <li>(a) works trucks, whether or not fitted with lifting or whether or not self-propelled, of the type used in hand trucks and wheelbarrows), see 2816</li> <li>(b) decorative restaurant carts, such as desert car 3100</li> </ul>	n factories (including

#### DIVISION 31 MANUFACTURE OF FURNITURE

This division includes the manufacture of furniture and related products of any material except stone, concrete and ceramic. The processes used in the manufacture of furniture are standard methods of forming materials and assembling components, including cutting, moulding and laminating. The design of the article, for both aesthetic and functional qualities, is an important aspect of the production process.

Some of the processes used in furniture manufacturing are similar to processes that are used in other segments of manufacturing. For example, cutting and assembly occurs in the production of wood trusses that are classified in division 16 (Manufacture of wood and wood products). However, the multiple processes distinguish wood furniture manufacturing from wood product manufacturing. Similarly, metal furniture manufacturing uses techniques that are also employed in the manufacturing of roll-formed products classified in division 25 (Manufacture of fabricated metal products). The moulding process for plastics furniture is similar to the moulding of other plastics products. However, the manufacture of plastics furniture tends to be a specialized activity.

#### **GROUP 310** Manufacture of furniture

This group includes the manufacture of furniture of any kind, any material (except stone, concrete or ceramic) for any place and various purposes.





DIVISION 31 : MANUFACTURE OF FURNITURE Group 310 : Manufacture of furniture

CLASS	S ITEM	DESCRIPTION	MSIC 2000
3100(1)		Manufacture of furniture	
	31001	Manufacture of wooden and cane furniture	36101p
	31002	Manufacture of metal furniture	36102p
(1)	Includes:	(a) manufacture of chairs and seats fo restaurants, public and domestic premis	es
		<ul><li>(b) manufacture of chairs and seats for thea</li><li>(c) manufacture of sofas, sofa bed and sofa</li></ul>	
		<ul><li>(c) manufacture of sofas, sofa bed and sofa</li><li>(d) manufacture of garden chairs and seats</li></ul>	
		(e) manufacture of special furniture for s cases, shelves, etc.)	
		(f) manufacture of office furniture	
		(g) manufacture of kitchen furniture	
		(h) manufacture of furniture for bedrooms, li	
		<ul> <li>(i) manufacture of cabinets for sewing mac</li> <li>(j) manufacture of laboratory benches, seating, laboratory furniture (e.g. cabine</li> </ul>	stools, and other laboratory
		(k) manufacture of furniture for churches, so	
		(I) finishing (e.g. upholstery of chairs and s	
		(m) finishing of furniture such as spraying, upholstering	
		(n) manufacture of decorative restaurant wagon)	carts (e.g. desert cart, food
		(o) manufacture of wood partitions, free sta	nding
	Excludes:	(a) manufacture of pillows, pouffes, cushior 13921	ns, quilts and eiderdowns, see
		(b) manufacture of inflatable rubber mattres	ses, see 22199
		(c) manufacture of furniture of ceramics, c 2395, 2396	
		(d) manufacture of lighting fittings or lamps	, see 2740
		<ul><li>(e) manufacture of blackboards, see 2817</li><li>(f) manufacture of car seats, railway sea 3020, 3030</li></ul>	ats, aircraft seats, see 2930,
		(g) modular furniture attachment and insilaboratory equipment furniture installation	

DIVISION 31 : MANUFACTURE OF FURNITURE Group 310 : Manufacture of furniture



CL/	ASS	ITEM	DES	SCRIPTION	MSIC 2000
		31003	Man	ufacture of mattress <sup>(1)</sup>	36109p
		31009	Manufacture of other furniture, except of stone, 36109p concrete or ceramic		
(1)	Inc	cludes:	<ul> <li>(a) manufacture of mattresses fitted with springs or stuffed or internally fitted with a supporting material</li> <li>(b) manufacture of uncovered cellular rubber or plastic mattresses</li> <li>(c) manufacture of mattresses support</li> </ul>		

# C

#### DIVISION 32 OTHER MANUFACTURING

This division includes the manufacture of a variety of goods not covered in other parts of the classification. Since this is a residual division, production processes, input materials and use of the produced goods can vary widely and usual criteria for grouping classes into divisions have not been applied here.

#### GROUP 321 Manufacture of jewellery, bijouterie and related articles

This group includes the manufacture of jewellery and imitation jewellery articles.

#### **GROUP 322** Manufacture of musical instruments

This group includes manufacture of stringed instruments, manufacture of keyboard stringed instruments, including automatic pianos, manufacture of keyboard pipe organs, manufacture of accordions and similar instruments, manufacture of wind instruments, manufacture of percussion musical instruments, manufacture of musical instruments, the sound of which is produced electronically, manufacture of musical boxes, fairground organs, calliopes, etc., manufacture of instrument parts and accessories and manufacture of whistles, call horns and other mouth-blown sound signalling instruments

#### **GROUP 323** Manufacture of sports goods

This group includes the manufacture of sporting and athletic goods (except apparel and footwear).

#### GROUP 324 Manufacture of games and toys

This group includes the manufacture of dolls, toys and games (including electronic games), scale models and children's vehicles (except metal bicycles and tricycles).

## GROUP 325 Manufacture of medical and dental instruments and supplies

This group includes the manufacture of laboratory apparatus, surgical and medical instruments, surgical appliances and supplies, dental equipment and supplies, orthodontic goods, dentures and orthodontic appliances. Included is the manufacture of medical, dental and similar furniture, where the additional specific functions determine the purpose of the product, such as dentist's chairs with built-in hydraulic functions.

#### GROUP 329 Other manufacturing n.e.c.

This group includes manufacture of protective safety equipment, manufacture of brooms and brushes, manufacture of shoe and clothes brushes, manufacture of pens and pencils of all kinds whether or not mechanical, manufacture of pencil leads, manufacture of date, sealing or numbering stamps, hand-operated devices for printing, or embossing labels, hand printing sets, prepared typewriter ribbons and inked pads, manufacture of globes, manufacture of umbrellas, sun-umbrellas, walking sticks, seat-sticks, manufacture of buttons, press-fasteners, snap-fasteners, press-studs, slide fasteners, manufacture of cigarette lighters, manufacture of articles of personal use: smoking pipes, combs, hair slides, scent sprays, vacuum flasks and other vacuum vessels for personal or household use, wigs, false beards, eyebrows, manufacture of miscellaneous articles: candles, tapers and the like; bouquets, wreaths and floral baskets; artificial flowers, fruit and foliage; jokes and novelties; hand sieves and hand riddles; tailors' dummies; burial caskets, etc. and taxidermy activities





DIVISION 32 : OTHER MANUFACTURING
Group 321 : Manufacture of jewellery, bijouterie and related articles

CLASS	ITEM	DESCRIPTION	MSIC 2000				
<b>3211</b> <sup>(1)</sup>		Manufacture of jewellery and related articles					
	32110	Manufacture of jewellery and related articles	36910				
(1) Ir	ncludes:	(a) production of worked pearls (b) production of precious and semi-precious including the working of industrial quareconstructed precious or semi-precious working of diamonds (d) manufacture of jewellery of precious metals, or precious or semi-precious metals, or precious or semi-precious metals clad with precious metals (e.g. articles, office or desk articles, articles for manufacture of technical or laboratory (except instruments and parts thereof) e. (g) manufacture of precious metal watch batch and cigarette cases (h) manufacture of coins, including coins for or not of precious metal (i) engraving of personal precious and non-manufacture of cutlery of precious metal	ality stones and synthetic or stones  tal or of base metals clad with cious stones precious metals or of base dinnerware, flatware, toilet or religious use, etc.) y articles of precious metal of precious metal of precious metal of section and section with the straps of the section of the se				
E	xcludes:	<ul> <li>(a) manufacture of non-metal watch bands see 1512</li> <li>(b) manufacture of articles of base metal (except imitation jewellery), see division manufacture of watch cases, see 2652</li> <li>(d) manufacture of (non-precious) metal wat manufacture of imitation jewellery, see 3</li> </ul>	I plated with precious metal 25 tch bands, see 3212				

DIVISION 32 : OTHER MANUFACTURING
Group 321 : Manufacture of jewellery, bijouterie and related articles



CLA	ASS	ITEM	DES	SCRIPTION	MSIC 2000
<b>3212</b> <sup>(1)</sup>				oufacture of imitation jewellery and related cles	
		32120	Mar	sufacture of imitation jewellery and related articles	36999p
(1) Ind		cludes:	(a) (b)	manufacture of customer or imitation jewellery (e.g. necklace, and similar articles of jewellery made plated with precious metals or imitation stones) manufacture of metal watch bands (except precious	from base metals
	Ex	cludes:	(a) (b) (c)	manufacture of jewellery made from precious metals, see 3211 manufacture of jewellery containing genuine gem st manufacture of precious metal bands, see 3211	



DIVISION 32 : OTHER MANUFACTURING Group 322 : Manufacture of musical instruments

CLASS	ITEM	DESCRIPTION	MSIC 2000
3220(1)		Manufacture of musical instruments	
	32200	Manufacture of musical instruments	36920p
(1) In	cludes:	<ul> <li>(a) manufactured or stringed instruments</li> <li>(b) manufacture of keyboard stringed instrume pianos</li> <li>(c) manufacture of keyboard pipe organs, inc similar keyboard instruments with free metal resimilar keyboard instruments with free metal resimilar keyboard instruments with free metal resimilar instruction organs</li> <li>(e) manufacture of wind instruments</li> <li>(f) manufacture of percussion musical instruments</li> <li>(g) manufacture of musical instruments, the sour electronically</li> <li>(h) manufacture of musical boxes, fairground orget manufacture of instrument parts and access tuning forks, pitch pipes, cards, discs a mechanical instruments, etc.)</li> <li>(j) manufacture of whistles, call horns and ot signalling instruments</li> </ul>	luding harmoniums and reeds ruments, including mouth ats and of which is produced rans, calliopes, etc. rories (e.g. metronomes, and rolls for automatic
E	xcludes:	<ul> <li>(a) reproduction of pre-recorded sound and vide 1820</li> <li>(b) manufacture of microphones, amplifiers, loud and similar components, see 2640</li> <li>(c) manufacture of record players, tape recorders (d) manufacture of toy musical instruments, see 3 restoring of organs and other historic musical publishing of pre-recorded sound and vide 5920</li> <li>(g) piano tuning, see 95296</li> </ul>	dspeakers, hand phones and the like, see 2640 3240 instruments, see 3319

**SECTION C** 

DIVISION 32 : OTHER MANUFACTURING Group 323 : Manufacture of sports goods

CLASS	ITEM	DESCRIPTION	MSIC 2000
<b>3230</b> <sup>(1)</sup>		Manufacture of sports goods	
	32300	Manufacture of sports goods	36930p

### (1) Includes:

manufacture of articles and equipment for sports, outdoor and indoor games, of any material (e.g. hard, soft and inflatable balls; rackets, bats and clubs; sailboards and surfboards; requisites for sport fishing, including landing nets; requisites for hunting, mountain climbing, etc.; leather sports gloves and sports headgear, roller skates; bow and crossbows; gymnasium fitness centre or athletic equipment, ski-boots, etc.)

#### Excludes:

- (a) manufacture of boat sails, see 13922
- (b) manufacture of sports apparel, see 14101
- (c) manufacture of saddlery and harness, see 15120
- (d) manufacture of whips and riding crops, see 15120
- (e) manufacture of sports footwear, see 1520
- (f) manufacture of sporting weapons and ammunition, see 25200
- g) manufacture of metal weights as used for weightlifting, see 25999
- (h) manufacture of automatic bowling alley equipment (e.g. pin-setters) see 28290
- manufacture of sports vehicles other than toboggans and the like, see divisions 29 and 30
- (j) manufacture of boats, see 30120
- (k) manufacture of billiard tables, see 32400
- (I) manufacture of ear and noise plugs (e.g. for swimming and noise protection), see 32909



DIVISION 32 : OTHER MANUFACTURING Group 324 : Manufacture of games and toys

CLAS	SS ITEM	DESCRIPTION	MSIC 2000
3240	(1)	Manufacture of games and toys	
	32400	Manufacture of games and toys	36940p
(1)	Includes:	(a) manufacture of dolls, toys (ceramic, glas wooden, rubber, etc.) and games such as condult clothes, action toys, games (including paperboard), hobby kits, and children's bicycles and tricycles)  (b) manufacture of articles of funfair, table or particles for casino games, etc.  (d) manufacture of playing cards manufacture of electronic games with software	omplete dolls, doll parts, generated electronic, paper or vehicles (except metal our games pames, billiards, special
	Excludes:	<ul> <li>(a) manufacture of video game consoles, see 264</li> <li>(b) manufacture of bicycles, see 30920</li> <li>(c) writing and publishing of software for vide 58202, 62010</li> </ul>	

DIVISION 32 : OTHER MANUFACTURING
Group 325 : Manufacture of medical and dental instruments and supplies

CLASS	S ITEM	DESCRIPTION	MSIC 2000
3250(1)	32500	Manufacture of medical and dental instruments and supplies  Manufacture of medical and dental instrument and supplies	25199p, 33110p
(1)	Includes:	<ul> <li>(a) manufacture of laboratory apparatus</li> <li>(b) manufacture of medical, surgical, dental or veter operating tables, examination tables, hospital be fittings, dentists' chairs)</li> <li>(c) manufacture of laboratory, surgical and medical in appliances and supplies (e.g. surgical drapes, tissue, laboratory sterilizers, bone plates and needles, catheters, cannulae, etc.)</li> <li>(d) production of artificial teeth</li> <li>(e) manufacture of orthopaedic and prosthetic devices manufacture of dental fillings and cements, derected dental plaster preparations used in dentistry</li> <li>(g) manufacture of medical thermometers</li> <li>(h) manufacture of ophthalmic goods, eyeglasses, ground to prescription, contact lenses, safety gogg</li> <li>(i) manufacture of other medical and dental instrument.</li> </ul>	ds with mechanical astruments, surgical sterile string and screws, syringes, and and other sunglasses, lenses les
	Excludes:	(a) manufacture of denture adhesives, see 20232 (b) manufacture of medical impregnated wadding, or 21009 (c) manufacture of electro medical and electrotherape	

(d) manufacture of wheelchairs, see 30920

26600



DIVISION 32 : OTHER MANUFACTURING Group 329 : Other manufacturing n.e.c.

CLA	SS ITEM	DESCRIPTION	MSIC 2000
3290	(1)	Other manufacturing n.e.c.	
	32901	Manufacture of stationery <sup>(2)</sup>	36992
(1)	Excludes:	<ul> <li>(a) manufacture of lighter wicks, see 13990</li> <li>(b) manufacture of work wear and service apparel (e.g. work overalls, uniforms), see 14101</li> <li>(c) manufacture of paper novelties, see 17099</li> </ul>	laboratory coats,
(2)	Includes:	<ul> <li>(a) manufacture of pens and pencils of all kinds mechanical</li> <li>(b) manufacture of pencil leads</li> <li>(c) manufacture of date, sealing or numbering stamped devices for printing, or embossing labels, hand printing typewriter ribbons and ink pads, etc.</li> </ul>	s, hand-operated

DIVISION 32 : OTHER MANUFACTURING Group 329 : Other manufacturing n.e.c.

CLASS	ITEM	DESCRIPTION	MSIC 2000
	32909	Other manufacturing n.e.c. <sup>(1)</sup>	36991, 36993, 36999p

#### (1) Includes:

- manufacturing of protective safety equipment such as manufacture of fire-resistant and protective safety clothing; manufacture of linemen's safety belts and other belts for occupational use; manufacture of cork life preservers; manufacture of plastics hard hats and other personal safety equipment of plastics (e.g. athletic helmets); manufacture of fire-fighting protection suits; manufacture of metal safety headgear and other metal personal safety devices; manufacture of ear and noise plugs (e.g. for swimming and noise protection); manufacture of gas masks
- (b) manufacture of brooms and brushes, including brushes constituting parts of machines, hand-operated mechanical floor sweepers, mops and feather dusters, paint brushes, paint pads and rollers, squeegees and other brushes, brooms, mops, etc.
- (c) manufacture of shoe and clothes brushes
- manufacture of globes
- manufacture of umbrellas, sun-umbrellas, walking sticks, seat-sticks (e)
- (f) manufacture of buttons, press-fasteners, snap-fasteners, press-studs, slide fasteners
- (g) manufacture of cigarette lighters
- (h) manufacture of articles of personal use (smoking pipes, combs, hair slides, scent sprays, vacuum flasks and other vacuum vessels for personal or household use, wigs, false beards, eyebrows)
- taxidermy activities
- manufacture of miscellaneous articles (candles, tapers and the like; bouquets, wreaths and floral baskets; artificial flowers, fruit and foliage; jokes and novelties, hand sieves and hand riddles; tailors' dummies; burial caskets, etc.) and any other articles n.e.c.

# C

#### DIVISION 33 REPAIR AND INSTALLATION OF MACHINERY AND EQUIPMENT

The division includes the specialized repair of goods produced in the manufacturing sector with the aim to restore machinery, equipment and other products to working order. The provision of general or routine maintenance (i.e. servicing) on such products to ensure they work efficiently and to prevent breakdown and unnecessary repairs is included.

This division does only include specialized repair and maintenance activities. A substantial amount of repair is also done by manufacturers of machinery, equipment and other goods, in which case the classification of units engaged in these repair and manufacturing activities is done according to the value-added principle which would often assign these combined activities to the manufacture of the good. The same principle is applied for combined trade and repair. The rebuilding or remanufacturing of machinery and equipment is considered a manufacturing activity and included in other divisions of this section.

Repair and maintenance of goods that are utilized as capital goods as well as consumer goods is typically classified as repair and maintenance of household goods (e.g. office and household furniture repair, see 9524).

Also included in this division is the specialized installation of machinery. However, the installation of equipment that forms an integral part of buildings or similar structures, such as installation of electrical wiring, installation of escalators or installation of air-conditioning systems, is classified as construction.

This division excludes the cleaning of industrial machinery (see class 8129) and the repair and maintenance of computers, communications equipment and household goods (see division 95).

# GROUP 331 Repair of fabricated metal products, machinery and equipment

This group includes the specialized repair of goods produced in the manufacturing sector with the aim to restore these metal products, machinery, equipment and other products to working order. The provision of general or routine maintenance (i.e. servicing) on such products to ensure they work efficiently and to prevent breakdown and unnecessary repairs is included.

## GROUP 332 Installation of industrial machinery and equipment

This group includes the specialized installation of machinery. However, the installation of equipment that forms an integral part of buildings or similar structures, such as installation of escalators, electrical wiring, burglar alarm systems or air-conditioning systems, is classified as construction.

CLASS	S ITEM	DESCRIPTION	MSIC 2000
<b>3311</b> (1)		Repair of fabricated metal products	
	33110	Repair of fabricated metal products	28110p, 28120p, 28130p
(1)	ncludes:	(a) repair of metal tanks, reservoirs and contain (b) mobile welding repair (c) repair of steel shipping drums (d) repair and maintenance of steam or other varies (e) repair and maintenance of auxiliary play generators (e.g. condenser, accumulators, e.g. (f) repair and maintenance of nuclear reseparators (g) repair and maintenance of parts for marine of plate work repair of central heating boilers and increase of shopping carts	apour generators ant for use with steam etc.) eactors, except isotope or power boilers
I	Excludes:	<ul><li>(a) repair of central heating systems, etc., see 4</li><li>(b) repair of mechanical locking devices, safes,</li></ul>	



CLAS	SS ITEM	DESCRIPTION	MSIC 2000
3312		Repair of machinery	
	33120	Repair and maintenance of industrial machinery and equipment <sup>(1)</sup>	29110p, 29120p, 29130p, 29140p, 29150p, 29191p, 29199p, 29210p, 29220p, 29230p, 29240p, 29250p, 29260p, 29290p, 30001p
(1)	Includes:	<ul> <li>(a) repair and maintenance of non-automotive engines</li> <li>(b) repair and maintenance of pumps and related equipments</li> <li>(c) repair of valves, gearing and driving elements</li> <li>(d) repair and maintenance of industrial process furnaces</li> <li>(e) repair and maintenance of materials handling equipment</li> <li>(f) repair and maintenance of commercial refrigeration equipment</li> <li>(g) repair and maintenance of commercial-type gemachinery</li> <li>(h) repair of other power-driven hand-tools</li> <li>(i) repair and maintenance of metal cutting and metal for tools and accessories</li> <li>(j) repair and maintenance of other machine tools, agric agricultural machinery and forestry and logging machinery</li> <li>(k) repair and maintenance of mining, construction, and of machinery, food, beverages and tobacco processing mapparel and leather production machinery, papermake fire arms and ordnance (including repair of sporting a guns)</li> <li>(l) repair and maintenance of other special purpose division 28</li> <li>(m) repair and maintenance of vending machines</li> <li>(o) repair and maintenance of cash registers</li> <li>(p) repair and maintenance of photocopy machines</li> <li>(q) repair and maintenance of other machinery and equipment repair and maintenance of other machinery</li> </ul>	nt uipment and air neral purpose orming machine cultural tractors, nery, metallurgy oil and gas field cachinery textile cing machinery, and recreational machinery of
	Excludes:	<ul> <li>(a) installation, repair and maintenance of furnaces and equipment, see 4322</li> <li>(b) installation, repair and maintenance of elevators and 43291</li> </ul>	d other heating

C

CLAS	S ITEM	DESCRIPTION	MSIC 2000
3313(1	)	Repair of electronic and optical equipment	
	33131	Repair and maintenance of the measuring, testing, navigating and control equipment <sup>(2)</sup>	33120p
	33132	Repair and maintenance of irradiation, electro medical and electrotherapeutic equipment <sup>(3)</sup>	33110p
(1)	Excludes:	<ul> <li>(a) repair of photocopy machines, see 33120</li> <li>(b) repair and maintenance of computers and periphe 95111</li> <li>(c) repair of computer projectors, see 95111</li> <li>(d) repair and maintenance of communication equipme (e) repair of commercial TV and video cameras, see 951</li> <li>(f) repair of house hold-type video cameras, see 9521</li> <li>(g) repair of watches and clocks, see 95294</li> </ul>	ent, see 9512 5127
(2)	Includes:	<ul> <li>(a) repair and maintenance of aircraft engine instrumer</li> <li>(b) repair and maintenance of automotive emissions teres to repair and maintenance of meteorological instrumer</li> <li>(c) repair and maintenance of meteorological instrumer</li> <li>(d) repair and maintenance of physical, electrical and detesting and inspection equipment</li> <li>(e) repair and maintenance of surveying instrument</li> <li>(f) repair and maintenance of radiation detection instruments</li> <li>(g) repair of time clocks, time/date stamps, time lock recording devices</li> </ul>	sting equipment ints shemical properties in and monitoring
(3)	Includes:	<ul> <li>(a) repair and maintenance of magnetic resonance imagnetic repair and maintenance of medical ultrasound equition (c) repair and maintenance of pacemakers</li> <li>(d) repair and maintenance of hearing aids</li> <li>(e) repair and maintenance of electrocardiographs</li> <li>(f) repair and maintenance of electro medical equipment</li> <li>(g) repair and maintenance of irradiation apparatus</li> <li>(h) repair and maintenance of apparatus and equipment</li> </ul>	oment



CLA	SS ITEM	DESCRIPTION	MSIC 2000
	33133	Repair of optical instruments and photographic equipment <sup>(1)</sup>	33201p, 33202p
3314	<b>4</b> (2)	Repair of electrical equipment	
	33140	Repair and maintenance of electrical equipment except domestic appliances	31100p, 31200p, 31301p, 31302p, 31309p, 31400p, 31500p, 31900p
(1)	Includes:	(a) repair of binoculars, microscopes (except electelescopes, prisms and lenses (except ophthalmic)     (b) repair of photographic equipment (if the use mainly contains the contains	ectron, proton),
(2)	Includes:	<ul> <li>(a) repair and maintenance of power, distribution transformers</li> <li>(b) repair and maintenance of electric motors, general generator sets</li> <li>(c) repair and maintenance of switchgear and switchboar (d) repair and maintenance of relays and industrial control (e) repair and maintenance of primary and storage batter (f) repair and maintenance of electric lighting equipment (g) repair and maintenance of current-carrying wiring decurrent-carrying wiring devices for wiring electrical circ</li> </ul>	ators and motor d apparatus ols ies evices and non-
	Excludes:	<ul> <li>(a) repair and maintenance of computers and periper equipment, see 95111</li> <li>(b) repair and maintenance of telecommunications equiper repair and maintenance of consumer electronics, see (d) repair of watches and clocks, see 95294</li> </ul>	ment, see 9512

C
---

CLA	ASS	ITEM	DES	SCRIPTION	MSIC 2000	
<b>3315</b> <sup>(1)</sup>			Repair of transport equipment, except motor vehicles			
331	<b>9</b> (2)	33150	mot	pair and maintenance of transport equipment except orcycles and bicycles pair of other equipment	35110p, 35120p, 35200p, 35300p	
33		33190	Rep	air and maintenance of other equipment n.e.c.	17230p, 20230p 36920p, 36930p, 36940p	
(1) Includes:  Excludes:		(a) (b) (c) (d) (e) (f)	repair and maintenance or alteration of pleasure boats repair and maintenance of locomotives and railroad cars (except factory rebuilding or factory conversion) repair and maintenance of aircraft (except factory conversion, factory overhaul, factory rebuilding)			
		<ul> <li>(a) factory rebuilding of ships, see 30110</li> <li>(b) factory rebuilding of locomotives and railroad cars, see 30200</li> <li>(c) factory rebuilding of aircraft, see 30300</li> <li>(d) repair and maintenance of shopping carts, see 33110</li> <li>(d) ship scaling, dismantling, see 38302</li> <li>(e) repair and maintenance of motorcycles, see 45403</li> <li>(f) repair of bicycles, see 95291</li> </ul>				
(2)	Inc	cludes:	(a) (b) (c) (d) (e) (f) (g)	repair of fishing nets, including mending repair or ropes, riggings, canvas and tarps repair of fertilizer and chemical storage bags repair or reconditioning of wooden pallets, shipping and similar items repair of pinball machines and other coin-operated grestoring of organs and other historical musical instruction repair and maintenance of other equipment n.e.c.	ames	
	Ex	Excludes:		<ul> <li>(a) repair of household and office type furniture, furniture restoration, see 95240</li> <li>(b) repair of bicycles, see 95291</li> <li>(c) repair and alteration of clothing, see 95292</li> </ul>		



DIVISION 33 : REPAIR AND INSTALLATION OF MACHINERY AND EQUIPMENT

Group 332 : Installation of industrial machinery and equipment

CLASS	ITEM	DESCRIPTION	MSIC 2000
<b>3320</b> <sup>(1)</sup>		Installation of industrial machinery and equipment	
	33200	Installation of industrial machinery and equipment	29110p, 29120p 29130p, 29140p 29150p, 29191p 29199p, 29210p 29220p, 29230p 29240p, 29250p 29260p, 29290p 30001p, 33130p

- (1) Includes: (a) installation of industrial machinery in industrial plant
  - (b) dismantling large-scale machinery and equipment
  - (c) activities of millwrights
  - (d) machine rigging
  - (e) installation of bowling alley equipment
  - (f) installation of industrial process control equipment
  - (g) installation of other industrial machinery and equipment n.e.c.

# Excludes: (a) installation of electrical wiring, burglar alarm system, see 43211,

- (b) installation of air-conditioning system, see 43225
- installation of elevators, escalators, automated doors, vacuum cleaning systems, etc, see 4329
- (d) installation of doors, staircases, shop fittings, furniture, etc, see 43301
- (e) installation (setting-up) of personal computers, see 62099