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  - 2221 Manufacture of plates, sheets, tubes and plastic profiles
  - 2222 Manufacture of plastic containers and packaging
  - 2223 Manufacture of plastic products for construction
  - 2229 Manufacture of other plastic products
- 23 Manufacture of other non-metallic mineral products**
  - 231 Manufacture of glass and glass products
    - 2311 Manufacture of flat glass
    - 2312 Manipulation and transformation of flat glass
    - 2313 Manufacture of hollow glass
    - 2314 Manufacture of fibreglass
    - 2319 Manufacture and handling of other glass, including technical glass
  - 232 Manufacture of refractory ceramic products
    - 2320 Manufacture of refractory ceramic products
  - 233 Manufacture of ceramic products for construction
    - 2331 Manufacture of ceramic tile
    - 2332 Manufacture of bricks, tiles and construction products, in baked clay
  - 234 Manufacture of other ceramic products
    - 2341 Manufacture of ceramic products for home and ornamental use
    - 2342 Manufacture of ceramic sanitary fixtures
    - 2343 Manufacture of insulators and insulating parts of ceramic material
    - 2344 Manufacture of other ceramic products for technical use
    - 2349 Manufacture of other ceramic products
  - 235 Manufacture of cement, lime and gypsum
    - 2351 Manufacture of cement
    - 2352 Manufacture of lime and gypsum
  - 236 Manufacture of concrete, cement and gypsum elements
    - 2361 Manufacture of concrete elements for construction
    - 2362 Manufacture of gypsum elements for construction
    - 2363 Manufacture of fresh concrete
    - 2364 Manufacture of mortar
    - 2365 Manufacture of fibre cement
    - 2369 Manufacture of other concrete, gypsum and cement products
  - 237 Cutting, carving and finishing of the stone
    - 2370 Cutting, carving and finishing of the stone
  - 239 Manufacture of abrasive products and non-metallic mineral products n.e.c.
    - 2391 Manufacture of abrasive products
    - 2399 Manufacture of other non-metallic mineral products n.e.c.
- 24 Metallurgy; manufacture of iron, steel and ferro-alloy products**
  - 241 Manufacture of basic products in iron, steel and ferro-alloys
    - 2410 Manufacture of basic products in iron, steel and ferro-alloys
  - 242 Manufacture of steel pipes, pipes, hollow profiles and their accessories
    - 2420 Manufacture of steel pipes, pipes, hollow profiles and their accessories
  - 243 Manufacture of other first-processing steel products
    - 2431 Cold drawn
    - 2432 Cold rolling
    - 2433 Production of cold-forming profiles with folding
    - 2434 Cold drawn wire



- 244 Production of precious metals and other non-ferrous metals
  - 2441 Production of precious metals
  - 2442 Aluminium production
  - 2443 Production of lead, zinc and tin
  - 2444 Copper production
  - 2445 Production of other non-ferrous metals
  - 2446 Processing of nuclear fuels
- 245 Casting of metals
  - 2451 Casting of iron
  - 2452 Casting of steel
  - 2453 Casting of light metals
  - 2454 Casting of other non-ferrous metals
- 25 Manufacture of metal products, except machinery and equipment**
  - 251 Manufacture of metal elements for construction
    - 2511 Manufacture of metal structures and their components
    - 2512 Manufacture of metal carpentry
  - 252 Manufacture of tanks, reservoirs and containers of metal
    - 2521 Manufacture of radiators and boilers for central heating
    - 2529 Manufacture of other tanks, reservoirs and containers of metal
  - 253 Manufacture of steam generators, except central heating boilers
    - 2530 Manufacture of steam generators, except central heating boilers
  - 254 Manufacture of weapons and ammunition
    - 2540 Manufacture of weapons and ammunition
  - 255 Forging, stamping and drawing of metals; powder metallurgy
    - 2550 Forging, stamping and drawing of metals; powder metallurgy
  - 256 Treatment and coating of metals; Mechanical engineering on behalf of third parties
    - 2561 Treatment and coating of metals
    - 2562 Mechanical Engineering on behalf of third parties
  - 257 Manufacture of cutlery and silverware articles, tools and hardware
    - 2571 Manufacture of cutlery and silverware articles
    - 2572 Manufacture of locks and fittings
    - 2573 Manufacture of tools
  - 259 Manufacture of other metallic products
    - 2591 Manufacture of steel drums and similar containers
    - 2592 Manufacture of light metal packaging
    - 2593 Manufacture of wire, chain and spring products
    - 2594 Manufacture of bolts and hardware products
    - 2599 Manufacture of other metallic products n.e.c.
- 26 Manufacture of computer, electronic and optical products**
  - 261 Manufacture of electronic components and printed assembled circuits
    - 2611 Manufacture of electronic components
    - 2612 Manufacture of loaded electronic boards
  - 262 Manufacture of computers and peripheral equipment
    - 2620 Manufacture of computers and peripheral equipment
  - 263 Manufacture of telecommunications equipment
    - 2630 Manufacture of telecommunications equipment
  - 264 Manufacture of consumer electronics products
    - 2640 Manufacture of consumer electronics products

- 265 Manufacture of instruments and appliances for measuring, testing and navigation ; Clock manufacturing
  - 2651 Manufacture of instruments and appliances for measuring, testing and navigation
  - 2652 Manufacture of watches
- 266 Manufacture of radiation, electromedical and electro therapeutic equipment
  - 2660 Manufacture of radiation, electromedical and electro therapeutic equipment
- 267 Manufacture of optical instruments and photographic equipment
  - 2670 Manufacture of optical instruments and photographic equipment
- 268 Manufacture of magnetic and optical supports
  - 2680 Manufacture of magnetic and optical supports
- 27 Manufacture of electrical material and equipment**
  - 271 Manufacture of electric motors, generators and transformers, and of electrical control and distribution devices
    - 2711 Manufacture of electric motors, generators and transformers
    - 2712 Manufacture of electricity distribution and control apparatus
  - 272 Manufacture of batteries and electric accumulators
    - 2720 Manufacture of batteries and electric accumulators
  - 273 Manufacture of cables and wiring devices
    - 2731 Manufacture of fibre optic cables
    - 2732 Manufacture of other electronic and electrical wires and cables
    - 2733 Manufacture of wiring devices
  - 274 Manufacture of lamps and electrical lighting fixtures
    - 2740 Manufacture of lamps and electrical lighting fixtures
  - 275 Manufacture of household appliances
    - 2751 Manufacture of household appliances
    - 2752 Manufacture of non-electric household appliances
  - 279 Manufacture of other material and electrical equipment
    - 2790 Manufacture of other material and electrical equipment
- 28 Manufacture of machinery and equipment n.e.c.**
  - 281 Manufacture of machinery for general purposes
    - 2811 Manufacture of engines and turbines, except for aircraft, automobiles and mopeds
    - 2812 Manufacture of hydraulic and pneumatic transmission equipment
    - 2813 Manufacture of other pumps and compressors
    - 2814 Manufacture of other taps and valves
    - 2815 Manufacture of bearings, gears, gearing and driving elements
  - 282 Manufacture of other general purpose machinery
    - 2821 Manufacture of furnaces and burners
    - 2822 Manufacture of lifting and handling machinery
    - 2823 Manufacture of office machines and equipment, except computer equipment
    - 2824 Manufacture of manual power tools
    - 2825 Manufacture of non-domestic ventilation and refrigeration machinery
    - 2829 Manufacture of other general purpose machinery n.e.c.
  - 283 Manufacture of agricultural and forestry machinery
    - 2830 Manufacture of agricultural and forestry machinery
  - 284 Manufacture of machine tools to work metal and other machine tools
    - 2841 Manufacture of machine-tools for working metal
    - 2849 Manufacture of other machine tools
  - 289 Manufacture of other machinery for specific uses
    - 2891 Manufacture of machinery for metallurgical industry

- 2892 Manufacture of machinery for extractive and construction industries
- 2893 Manufacture of machinery for the food, beverage and tobacco industry
- 2894 Manufacture of machinery for textile, garment and leather industries
- 2895 Manufacture of machinery for paper and paperboard industry
- 2896 Manufacture of machinery for the plastic and rubber industry
- 2899 Manufacture of other machinery for specific uses n.e.c.

### **29 Manufacture of motor vehicles, trailers and semi-trailers**

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

- 2910 Manufacture of motor vehicles

#### **292 Manufacture of bodyworks for motor vehicles; Manufacture of trailers and semi-trailers**

- 2920 Manufacture of bodyworks for motor vehicles; Manufacture of trailers and semi-trailers

#### **293 Manufacture of components, parts and accessories for motor vehicles**

- 2931 Manufacture of electrical and electronic equipment for motor vehicles
- 2932 Manufacture of other components, parts and accessories for motor vehicles

### **30 Manufacture of other transport material**

#### **301 Building of ships and boats**

- 3011 Construction of ships and floating structures
- 3012 Construction of recreational and sport boats

#### **302 Manufacture of railway and tramway locomotives and rolling stock**

- 3020 Manufacture of railway and tramway locomotives and rolling stock

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

- 3030 Manufacture of air and spacecraft and related machinery

#### **304 Manufacture of military combat vehicles**

- 3040 Manufacture of military combat vehicles

#### **309 Manufacture of other transport material n.e.c.**

- 3091 Manufacture of motorcycles
- 3092 Manufacture of bicycles and vehicles for disabled persons
- 3099 Manufacture of other transport material n.e.c.

### **31 Manufacture of furniture**

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

- 3101 Manufacture of office and shop furniture
- 3102 Manufacture of kitchen furniture
- 3103 Manufacture of mattresses
- 3109 Manufacture of other furniture

### **32 Other manufacturing industries**

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

- 3211 Manufacture of coins
- 3212 Manufacture of jewellery and related articles
- 3213 Manufacture of bijouterie and similar articles

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

- 3220 Manufacture of musical instruments

#### **323 Manufacture of sporting goods**

- 3230 Manufacture of sporting goods

#### **324 Manufacture of games and toys**

- 3240 Manufacture of games and toys

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

- 3250 Manufacture of medical and dental instruments and supplies

329 Manufacturing industries n.e.c.

3291 Manufacture of brooms and brushes

3299 Other Manufacturing industries n.e.c.

**33 Repair and installation of machinery and equipment**

331 Repair of metal products, machinery and equipment

3311 Repair of Metal Products

3312 Repair of machinery

3313 Repair of electronic and optical equipment

3314 Repair of electrical equipment

3315 Repair and maintenance of naval items

3316 Repair and maintenance of aircraft and spacecraft

3317 Repair and maintenance of other transport equipment

3319 Repair of other equipment

332 Installation of industrial machines and equipment

3320 Installation of industrial machines and equipment

## Annex 2 Subsectors in the extractive and manufacturing industries used up to the 2015 reference publication

SUBSECTOR	CNAE-2009
1: Mining of hard coal (coal and lignite)	
2: Natural gas and petroleum industries	06, 09, 19
3: Mining of rocks and metallic ores	07,08
4: Meat industry	10.1
5: Fish industry	10.2
6: Fruit and vegetables processing and preserving	10.3
7: Oils and fats	10.4
8: Dairy products	10.5
9: Mills, starches and starch products	10.6
10: Bakery and farinaceous products	10.7
11: Sugar, coffee, tea and infusions and confectionery products	10.81,10.82, 10.83
12: Other food products	10.84,10.85,10.86,10.89
13: Animal breeds	10.9
14: Manufacture of spirits	11.01,11.02,11.03, 11.04,11.05,11.06
15: Production of bottled water and soft drinks	11.07
16: Tobacco products	12
17: Preparation and spinning of textile fibres	13.1
18: Weaving of textiles	13.2
19: Finishing of textiles	13.3
20: Manufacture of knitted and crocheted fabrics and of made-up textile articles, except apparel	13.91,13.92
21: Other textile industries	13.93,13.94,13.95, 13.96,13.99
22: Manufacture of wearing apparel	14.1
23: Manufacture of articles of fur	14.2
24: Manufacture of knitted and crocheted apparel	14.3
25: Manufacture of leather and related products	15.1
26: Manufacture of footwear	15.2
27: Sawmilling and planing of wood	16.10
28: Manufacture of veneer sheets and wood-based panels	16.21
29: Manufacture of assembled parquet floors and of other builders' carpentry and joinery	16.22,16.23
30: Manufacture of wooden containers	16.24
31: Manufacture of other products of wood; manufacture of articles of cork, straw and plaiting materials	16.29
32: Manufacture of pulp, paper and paperboard	17.1
33: Manufacture of articles of paper and paperboard	17.2
34: Printing and reproduction of recorded media	18
35: Manufacture of basic chemicals	20.1
36: Manufacture of pesticides and other agrochemical products	20.2
37: Manufacture of paints, varnishes and similar coatings, printing ink and mastics	20.3

<b>SUBSECTOR</b>	<b>CNAE-2009</b>
38: Manufacture of soap and detergents, cleaning and polishing preparations, perfumes and toilet preparations	20.4
39: Manufacture of other chemical products	20.5
40: Manufacture of man-made fibres	20.6
41: Manufacture of basic pharmaceutical products	21.1
42: Manufacture of pharmaceutical preparations	21.2
43: Manufacture of rubber products	22.1
44: Manufacture of plastics products	22.2
45: Manufacture of glass and glass products	23.1
46: Manufacture of refractory and ceramic products, except for those intended for building	23.2,23.4
47: Manufacture of clay building materials	23.3
48: Manufacture of cement, lime and plaster	23.5
49: Manufacture of articles of concrete, cement and plaster	23.6
50: Cutting, shaping and finishing of stone	23.7
51: Manufacture of abrasive products and non-metallic mineral products n.e.c.	23.9
52: Manufacture of basic iron and steel and of ferro-alloys	24.1
53: Manufacture of tubes, pipes, hollow profiles and related fittings, of steel	24.2
54: Manufacture of other products of first processing of steel	24.3
55: Manufacture of basic precious and other non-ferrous metals	24.4
56: Casting of metals	24.5
57: Manufacture of metal structures and parts of structures	25.11
58: Manufacture of doors and windows of metal	25.12
59: Manufacture of tanks, reservoirs and containers of metal	25.2
60: Manufacture of steam generators, except central heating hot water boilers	25.3
61: Manufacture of weapons and ammunition	25.4
62: Forging, pressing, stamping and roll-forming of metal; powder metallurgy	25.5
63: Treatment and coating of metals	25.61
64: Machining	25.62
65: Manufacture of cutlery, tools and general hardware	25.7
66: Manufacture of other fabricated metal products	25.9
67: Manufacture of electronic components and boards	26.1
68: Manufacture of computers and peripheral equipment	26.2
69: Manufacture of communication equipment	26.3
70: Manufacture of consumer electronics	26.4
71: Manufacture of instruments and appliances for measuring, testing and navigation; watches and clocks	26.5
72: Manufacture of irradiation, electromedical and electrotherapeutic equipment; optical instruments and photographic equipment; magnetic and optical media	26.6,26.7,26.8
73: Manufacture of electric motors, generators, transformers and electricity distribution and control apparatus	27.1
74: Manufacture of wiring and wiring devices	27.3
75: Manufacture of electric lighting equipment	27.4
76: Manufacture of domestic appliances	27.5
77: Manufacture of batteries and accumulators and other electrical equipment	27.2,27.9
78: Manufacture of general-purpose machinery	28.1

<b>SUBSECTOR</b>	<b>CNAE-2009</b>
79: Manufacture of other general-purpose machinery	28.2
80: Manufacture of agricultural and forestry machinery	28.3
81: Manufacture of machine tools	28.4
82: Manufacture of other special-purpose machinery	28.9
83: Manufacture of motor vehicles	29.1
84: Manufacture of bodies (coachwork) for motor vehicles; manufacture of trailers and semi-trailers	29.2
85: Manufacture of parts and accessories for motor vehicles	29.3
86: Building of ships and boats	30.1
87: Manufacture of railway locomotives and rolling stock	30.2
88: Manufacture of air and spacecraft and related machinery and of military fighting vehicles	30.3,30.4
89: Manufacture of transport equipment n.e.c.	30.9
90: Manufacture of furniture	31
91: Manufacture of jewellery, bijouterie and related articles	32.1
92: Manufacture of sports goods, games and toys	32.3,32.4
93: Manufacture of medical and dental instruments and supplies	32.5
94: Manufacture of musical instruments and Manufacturing n.e.c.	32.2, 32.9
95: Repair of fabricated metal products, machinery and equipment	33.1
96: Installation of industrial machinery and equipment	33.2