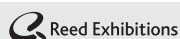


# Nomenclature

**B**


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## Raw materials, primary metal products, semi-finished products, semi-fabricates

- 01.01 Raw materials, working materials, supplies
- 01.02 Primary metal products, remelted products
- 01.03 Granulates, powder, paste, wool, foam
- 01.04 Semi-finished products, semi-fabricates
  - 01.04.01 Rolled products, unfinished
  - 01.04.02 Rolled products, surface-treated
  - 01.04.03 Composite semi-fabricates (sheet, strip)
  - 01.04.04 Sections made from strip
  - 01.04.05 Round blanks
  - 01.04.06 Slug
  - 01.04.07 Extruded products, unfinished
  - 01.04.08 Extruded products, surface-treated
  - 01.04.09 Rod and bar
  - 01.04.10 Tube
  - 01.04.11 Wire
  - 01.04.12 Die-forged and hammer-forged components
  - 01.04.13 Impact extruded engineering components
  - 01.04.14 Shaped sheet components
  - 01.04.15 Perforated sheets
  - 01.04.16 Plate
  - 01.04.17 Bar
  - 01.04.18 Ingot
  - 01.04.19 Others
- 01.05 Castings
  - 01.05.01 Pressure die-casting
  - 01.05.02 Sand casting and mold casting
  - 01.05.03 Magnesium and magnesium alloy castings
- 01.06 Thixoforming
- 01.07 Powder metallurgy
- 01.08 Hybrid components

## Aluminium products for special application

- 02.01 Building and Construction
  - 02.01.01 Supporting elements
  - 02.01.02 Decorative elements
  - 02.01.03 Industrialized buildings
  - 02.01.04 Components (windows, doors, gates etc.)
- 02.02 Road transport (cars, HGVs, buses)
  - 02.02.01 Body-exterior
  - 02.02.02 Body-interior
  - 02.02.03 Power train engineering
  - 02.02.04 Traffic structures/guide systems
  - 02.02.05 Others
- 02.03 Rail, water, air transport
  - 02.03.01 Parts for railway vehicles
  - 02.03.02 Parts for ships and boats
  - 02.03.03 Parts for the aerospace industry
- 02.04 Electrical engineering & electronics
- 02.05 Mechanical & general engineering
- 02.06 Design oriented applications
  - 02.05.01 Kitchen, household, furniture, garden
  - 02.05.02 Sport equipment
  - 02.05.03 Others
- 02.07 Factory equipment
- 02.08 Packaging
- 02.09 Apparatus and container construction

## Surface treatment

- 03.01 Special surface treatment for aluminium products
  - 03.01.01 Polishing
  - 03.01.02 Anodising
  - 03.01.03 Electroplating
  - 03.01.04 Chromating
  - 03.01.05 Coating
- 03.02 Mechanical surface treatment

## Light-metals trade and recycling

- 04.01 Light-metals trade, general
- 04.02 Light-metals trade in special products
- 04.03 Aluminium recycling
- 04.04 Treatment and recycling of industrial waste

## Plant, machinery and accessories and equipment for ...

- 05.01 Raw materials processing
- 05.02 Primary reduction
- 05.03 Melting, casting, heat treatment and reheating technology (incl. furnaces)
  - 05.03.01 Industrial furnaces & furnace components
  - 05.03.02 Melt treatment & transport
  - 05.03.03 Casting of semis
  - 05.03.04 Shape castings

- 05.04 Refractories and insulation
- 05.05 Rolling mill technology
- 05.06 Extrusion and drawing
- 05.07 Forging and extrusion moulding
- 05.08 Sheet fabrication technology
- 05.09 Sawing and cutting
- 05.10 Machining
- 05.11 Metal construction work
- 05.12 Joining technology
  - 05.12.01 Autogenous welding
  - 05.12.02 CMT melding
  - 05.12.03 Electrode welding
  - 05.12.04 MAG welding
  - 05.12.05 MIG welding
  - 05.12.06 Friction stir welding
  - 05.12.07 WIG melding
- 05.13 Strip and foil processing, foil finishing and packaging technology
- 05.14 Integrated process engineering
- 05.15 Additive manufacturing
  - 05.15.01 Plant, machinery and processes
    - Laser Powder Bed Fusion - LPBF
    - Selective Laser Sintering - SLS
    - Directed Energy Deposition - DED
  - 05.15.02 Applications and solutions for
    - Software for design, manufacturing, Simulation
    - Powder Handling & Production
    - Heat treatment and finishing
    - Quality assurance
    - Consulting
- 05.16 Automation
- 05.17 Surface treatment technology and corrosion protection
- 05.18 Environmental engineering
  - 05.18.01 Air and exhaust gas purification, dust and fume extraction equipment
  - 05.18.02 Waste water purification, water treatment
  - 05.18.03 Oil/Oil vapour separator
- 05.19 Tool, die and mould making
- 05.20 General factory
- 05.21 Measurement and testing
- 05.22 Scrap processing, recovery, reclamation, processing and recycling
- 05.23 Stockholding equipment and systems
- 05.24 Mechanical handling
- 05.25 Jobbing, Jobbing services, sub-contractors
  - 05.25.01 Heat treatment
  - 05.25.02 Forming, machining, cutting
  - 05.25.03 Joining
  - 05.25.04 Others

## Services, consultancy

- 06.01 Industrial IT & Engineering
  - 06.01.01 Engineering software & systems
  - 06.01.02 Virtual product development & simulation
  - 06.01.03 Cloud services
  - 06.01.04 Data management systems
  - 06.01.05 Company software
  - 06.01.06 Manufacturing software
  - 06.01.07 Machine software
  - 06.01.08 IT security
- 06.02 Engineering services
- 06.03 Energy services
- 06.04 Consultancy / project management
- 06.05 Prototyping, additive manufacturing
- 06.06 Expert opinions
- 06.07 Technology transfer

## Information, Education, Others

- 07.01 Information
- 07.02 Education, training
- 07.03 Research
- 07.04 Publishing
- 07.05 Associations
- 07.06 Events
- 07.07 Protective equipment and clothing
- 07.08 Others