



ICS edition 7

International Classification
for Standards

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Introduction	3
Purpose of the ICS	3
Description of the ICS	3
Rules for the use of the ICS	5
Updating of the ICS	11
How to use the ICS index	11
List of the ICS fields.....	12
Systematic table of fields, groups and sub-groups.....	15

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Introduction

1 - Purpose of the ICS

1.1 The ICS (International Classification for Standards) is intended to serve as a structure for catalogues of international, regional and national standards and other normative documents, and as a basis for standing-order systems for international, regional and national standards. It may also be used for classifying standards and normative documents in databases, libraries, etc.

1.2 The ICS should facilitate the harmonization of information and ordering tools such as catalogues, selective lists, bibliographies, and databases on magnetic and optical media, thus promoting the world-wide dissemination of international, regional and national standards and other normative documents.

2 - Description of the ICS

2.1 For the purposes of this document, the general term “standard” is applied to all international, regional and national normative documents, such as standards, technical reports, standardized profiles, technical specifications, technical regulations, guides, codes of practice, technology trends assessments, etc. and the drafts of such documents.

2.2 The ICS is a hierarchical classification which consists of three levels.

2.3 Level 1 covers 40 fields of activity in standardization, e.g. road vehicle engineering, agriculture, metallurgy. Each field has a two-digit notation, e.g.

43 ROAD VEHICLE ENGINEERING

2.4 The fields are subdivided into 392 groups (level 2). The notation of a group consists of the field notation and a three-digit group number, separated by a point, e.g.

43.040 Road vehicle systems

2.5 144 of the 392 groups are further divided into 909 sub-groups (level 3). The notation of a sub-group consists of the group notation and a two-digit number, separated by a point, e.g.

43.040.20 *Lighting, signalling and warning devices*

2.6 A number of group and sub-group titles are followed by scope notes and/or reference notes, indicated by asterisks and printed in italics in the ICS. A scope note, as a rule, lists subjects covered by a given group/sub-group or defines the subject of a given group/sub-group. A reference note refers to a subject, related to a given group/sub-group, which is covered by another group/sub-group.

2.7 All groups divided into sub-groups contain, with a few exceptions, a sub-group which covers the complete subject of the respective group. Such general subject sub-groups have notations terminating with “.01”. For example, the group

07.100 *Microbiology*

contains as a first sub-group

07.100.01 *Microbiology in general*

which shall include standards covering the subject of microbiology in general, e.g. the standard

ISO 21528-1:2004, Microbiology of food and animal feeding stuffs – Horizontal methods for the detection and enumeration of Enterobacteriaceae – Part 1: Detection and enumeration by MPN technique with pre-enrichment

while standards covering medical microbiology, microbiology of water, food microbiology or cosmetics microbiology shall be included respectively in other specific sub-groups: 07.100.10, 07.100.20, 07.100.30 or 07.100.40.

2.8 Most of the groups divided into sub-groups contain a sub-group having the notation terminating with “.99”. Such sub-groups include standards on subjects which do not correspond either to the subjects of the general sub-groups or to the subjects of the specific sub-groups of the respective groups. For example, the subject of the standard

ISO 10945:1994, Hydraulic fluid power – Gas-loaded accumulators – Dimensions of gas ports

does not correspond either to the subject of the sub-group

23.100.01 *Fluid power systems in general*

or to the specific subjects of the sub-groups

23.100.10 *Pumps and motors*

23.100.20 *Cylinders*

23.100.40 *Piping and couplings*

23.100.50 *Control components*

23.100.60 *Filters, seals and contamination of fluids*

In this case, it shall be included in the sub-group

23.100.99 *Other fluid power system components*

The above rule does not apply in the ICS if all standards related to a group can be included either in the general sub-group or in the specific sub-groups.

For example, the group

21.100 *Bearings*

contains the general subject sub-group

21.100.01 *Bearings in general*

and specific sub-groups

21.100.10 *Plain bearings*

21.100.20 *Rolling bearings*

The group does not contain a sub-group

21.100.99 *Other bearings*

since all bearings belong only to two types of bearings : plain bearings and rolling bearings.

3 - Rules for the use of the ICS

3.1 The latest edition of the ICS with the subsequent issues of the ICS Update should be used for indexing standards and other normative documents and their drafts. Before indexing standards for the first time, the indexer should first carefully study the present rules and the ICS structure.

3.2 Standards should be classified according to their subjects. The indexer should first identify the appropriate field for a given subject, then allocate the appropriate group notation, and, further, the sub-group's notation if the group is subdivided. For example, the standard

ISO 3412:1992, Road vehicles – Screened and waterproof spark-plugs and their connections – Types 1A and 1B

belongs to the field

43 ROAD VEHICLE ENGINEERING

The appropriate group within the field is

43.060 Internal combustion engines for road vehicles

and the appropriate sub-group within the group is

43.060.50 *Electrical equipment. Control systems*

If the field of application of a standard is not clear from its content, indexers may take into account the scopes of the relevant technical committee, subcommittee and working group responsible for the development of the standard.

3.3 The alphabetical index of the ICS may be used as a supplementary tool for identifying the appropriate field, group, sub-group, but the notations found in the index shall be carefully verified against the systematic table. The reason is that only the systematic table contains the full information relating to a group notation, such as its title, the field to which it belongs, the subdivision into sub-groups, sometimes the scope note, and the reference note(s) showing its relationship with other group(s) or sub-group(s). Otherwise errors in indexing may occur.

3.4 It is recommended to use all levels available for classifying a given standard. For example, the standards

ISO 5358:1992, Anaesthetic machines for use with humans

ISO 7864:1993, Sterile hypodermic needles for single use

ISO 7740:1985, Instruments for surgery – Scalpels with detachable blades – Fitting dimensions

should be classified respectively in sub-groups 11.040.10, 11.040.25 and 11.040.30 (level 3); it is not recommended to allocate notation 11.040 (level 2) to the above standards since it may create difficulties in the exchange of ICS data between databases and will impede application of the ICS in multinational information systems.

3.5 Standards classified according to this classification may be included in more than one group or sub-group; e.g. the standard

ISO 7686:2005, Plastics pipes and fittings – Determination of opacity

shall be included in the two sub-groups

23.040.20 *Plastics pipes*

23.040.45 *Plastics fittings*

while the standard

ISO 8159:1987, Textiles – Morphology of fibres and yarns – Vocabulary

shall be included in the three sub-groups

01.040.59 *Textile and leather technology (Vocabularies)*

59.060.01 *Textile fibres in general*

59.080.20 *Yarns*

However, it is recommended to avoid the allocation of more than four notations to one document.

3.6 Standards included in the groups

01.040 **Vocabularies**

01.060 **Quantities and units**

01.070 **Colour coding**

01.075 **Character symbols**

and the sub-groups

01.080.20 *Graphical symbols for use on specific equipment*

01.080.30 *Graphical symbols for use on mechanical engineering and construction drawings, diagrams, plans, maps and in other technical product documentation*

01.080.40 *Graphical symbols for use on electrical and electronics engineering drawings, diagrams, charts and in relevant technical product documentation*

01.080.50 *Graphical symbols for use on information technology and telecommunications technical drawings and in relevant technical product documentation*

17.140.20 *Noise emitted by machines and equipment*

17.140.30 *Noise emitted by means of transport*

shall also be included in other groups and/or sub-groups according to their subjects; e.g. the standard

ISO 1942:2009, Dentistry – Vocabulary

shall be included in the two sub-groups

01.040.11 *Health care technology (Vocabularies)*

11.060.01 *Dentistry in general*

while the standard

ISO 6405-1:2004, Earth-moving machinery – Symbols for operator controls and other displays – Part 1: Common symbols

shall be included both in the sub-group

01.080.20 *Graphical symbols for use on specific equipment*

and in the group

53.100 Earth-moving machinery

3.7 A standard containing definitions which apply only for the purpose of that standard shall not be classified into the group

01.040 Vocabularies

3.8 Amendments, addenda and technical corrigenda to a standard shall have the same notations as the standard itself.

3.9 Standards for systems, components, spare parts and materials used for specific equipment, machines and installations should be classified in the respective groups and sub-groups containing standards for the equipment, machines and installations if the ICS does not contain groups or sub-groups specially designated for classifying the relevant systems, components, spare parts and materials. For example, standard

ISO 5696:1984, Trailed agricultural vehicles – Brakes and braking devices – Laboratory test method

should be included in the sub-group

65.060.10 *Agricultural tractors and trailed vehicles*

since the ICS does not contain a group/sub-group for braking systems of agricultural machinery, while the standard

ISO 4251-1:2005, Tyres (ply rating marked series) and rims for agricultural tractors and machines – Part 1: Tyre designation and dimensions, and approved rim contours

should be included in the sub-group

83.160.30 *Tyres for agricultural machinery*

3.10 Where a group is further subdivided into sub-groups, only the notations of the sub-groups shall be allocated to standards, e.g. the standard

ISO 4254-1:2013, Agricultural machinery – Safety – Part 1: General requirements

shall be classified under the title of the sub-group

65.060.01 *Agricultural machines and equipment in general*

and not under the title of the group

65.060 Agricultural machines, implements and equipment

3.11 If the subject of a standard covers two or more sub-groups within a group which contains only these sub-groups plus sub-groups with notations terminating with “.01” and/or “.99”, i.e. the subject covers all of the specific sub-groups, that standard shall be classified under the sub-group which has the notation terminating with “.01”, e.g. the standard

ISO 4829-1:1986, Steel and cast iron – Determination of total silicon content – Reduced molybdosilicate spectrophotometric method – Part 1: Silicon contents between 0.05 and 1.0%

shall be classified under the title of the sub-group

77.080.01 *Ferrous metals in general*

and not under the titles of the sub-groups

77.080.10 *Irons*

77.080.20 *Steels*

since irons and steels completely cover the ferrous metals subject.

Similarly, the standard

ISO 6632:1981, Fruits, vegetables and derived products – Determination of volatile acidity

shall be classified under the title of the sub-group

67.080.01 *Fruits, vegetables and derived products in general*

and not under the title of the sub-groups

67.080.10 *Fruits and derived products*

67.080.20 *Vegetables and derived products*

since

67.080 Fruits. Vegetables

contains only

67.080.01 *Fruits, vegetables and derived products in general*

67.080.10 *Fruits and derived products*

67.080.20 *Vegetables and derived products*

3.12 A sub-group, or a group which does not have sub-groups, may be further subdivided by the user into respectively either several units (level 4) or new sub-groups (level 3). For the purpose of distinguishing subdivisions (units or new sub-groups) from those given in the classification, new notations shall be created using a hyphen as a separator, followed by a two-digit number; e.g. the group

53.100 Earth-moving machinery

may be subdivided into the following new sub-groups

53.100-01 *Earth-moving machinery in general*

53.100-10 *Tractors*

53.100-20 *Excavators*

53.100-30 *Loaders*

53.100-40 *Graders*

53.100-99 *Other earth-moving machinery*

However, such subdivisions should be used very restrictively and avoided wherever possible. The preferred solution should be to address the question to the ISO Central Secretariat which is responsible for the maintenance and development of the ICS.

3.13 A semicolon should be used for separating notations in printed documents. To provide consistency in the presentation of notations, they should be sorted in ascending numerical order, e.g. ICS notations for ISO 8159:1987 should be indicated as follows: ICS 01.040.59; 59.060.01; 59.080.20.

For data exchange, the rules set up in the second edition (1998) of the *ISONET Manual* should be used.

3.14 Fields

21 MECHANICAL SYSTEMS AND COMPONENTS FOR GENERAL USE

23 FLUID SYSTEMS AND COMPONENTS FOR GENERAL USE

and also the fields and the groups for which the scopes contain an indication that this field or group includes standards for general use, e.g.

13.110 Safety of machinery

*This group includes standards only for general use

shall contain only standards for general use which may be applied by different industries. For example, the standard

ISO 10317:2008, Rolling bearings – Tapered roller bearings – Designation system

which may be applied by different industries, shall be included in the sub-group

21.100.20 *Rolling bearings*

while standards

ISO 6045:1987, Shipbuilding and marine structures – Bearings for derrick goosenecks – Assemblies and components

and

ISO 14204:1998, Aerospace – Airframe ball bearings, double-row, rigid, diameter series 0 – Metric series

which are designated for application by specific industries, shall be included respectively in the sub-groups related to those industries, namely

47.020.40 *Lifting and cargo handling equipment*

and

49.035 *Components for aerospace construction*

The standard

ISO 6259-1:1997, Thermoplastics pipes – Determination of tensile properties – Part 1: General test method

which is applied for general purposes and may be used by different industries, shall be included in the sub-group

23.040.20 *Plastic pipes*

while the standard

ISO 6993-1:2006, Buried, high-impact poly(vinyl chloride) (PVC-HI) piping systems for the supply of gaseous fuels – Part 1: Pipes for a maximum operating pressure of 1 bar (100 kPa)

which is designated for specific purposes of natural gas handling, shall be included respectively in the group related to those specific purposes (from the point of view of using the product) and in the sub-group related to the relevant type of product (from the point of view of manufacturing the product), namely

75.200 *Petroleum products and natural gas handling equipment*

and

83.140.30 *Plastic pipes and fittings for non fluid use*

The standard

ISO 12100:2010, Safety of machinery – General principles for design – Risk assessment and risk reduction

shall be included in the group

13.110 Safety of machinery

while the standard

ISO 4254-1:2013, Agricultural machinery– Safety – Part 1: General requirements

shall not be included in the above group since it is designated for use by only one industry, the agricultural machinery engineering sector; the standard shall be included in the sub-group

65.060.01 *Agricultural machines and equipment in general*

3.15 If a group/sub-group has a reference note to another group/sub-group, the standards related to the subject indicated in the relevant reference note shall be classified in the referenced group/sub-group. For example, the sub-group

81.060.20 *Ceramic products*

contains the reference note

*Sanitary ceramic products, see 91.140.70

therefore, standards for sanitary ceramic products shall be classified into the sub-group

91.140.70 *Sanitary installations*

and not into the sub-group

81.060.20 *Ceramic products*

3.16 If an international standard is adopted as a regional and/or national standard, the regional and/or national standard shall have the notation(s) allocated to the international standard. Similarly, if a regional standard is adopted as a national standard, the latter shall have the notation(s) allocated to the regional standard.

3.17 In general, to provide worldwide consistency in indexing, indexers should be guided by the practices of allocation of ICS notations applied for international standards (in the first place) and regional standards.

3.18 Identified errors in indexing due to misallocation of ICS notations, transposing of figures in ICS notations, typographical errors, etc. should be notified to the organization concerned.

4 - Updating of the ICS

4.1 The classification is updated according to needs. Any user may submit proposals for modifications and/or additions to the ICS. Such proposals should be sent to the ISO Central Secretariat at the following address:

International Organization for Standardization

ISO Central Secretariat
BIBC II
Chemin de Blandonnet 8
CP 401
1214 Vernier, Geneva
Switzerland
E-mail: central@iso.org
Tel.: +41 22 749 01 11

4.2 All proposals received will be considered and their authors will be informed on any follow-up action.

5 - How to use the ICS index

5.1 The ICS index is presented in a KWIC (key-word-in-context) form. The titles of all fields/groups/sub-groups, scope notes and reference notes (when they do not repeat the titles of corresponding fields/groups/sub-groups) appear under all words (keywords) which they contain with the exception of stop-words. These are words which are not significant for search purposes. They include prepositions and such words as “and”, “some”, “other”, “any”, “device”, “standard”, “designation”, “sampling” and so on.

5.2 The keywords (printed in bold characters) are arranged in alphabetical order in a single column down the page.

5.3 Keywords are separated from their titles by a bullet symbol (•)

5.4 Notations of fields/groups/sub-groups are given at the left hand column. According to their numbers, corresponding fields/groups/sub-groups are easily identified in the systematic table of fields, groups and sub-groups.

6 - List of the ICS fields

01 - Generalities. Terminology. Standardization. Documentation	17
03 - Services. Company organization. Management and quality. Administration. Transport. Sociology	21
07 - Natural and applied sciences	24
11 - Health care technology	25
13 - Environment. Health protection. Safety	28
17 - Metrology and measurement. Physical phenomena	33
19 - Testing	36
21 - Mechanical systems and components for general use.....	37
23 - Fluid systems and components for general use	39
25 - Manufacturing engineering	42
27 - Energy and heat transfer engineering	45
29 - Electrical engineering.....	47
31 - Electronics	51
33 - Telecommunications. Audio and video engineering	53
35 - Information technology	56
37 - Image technology	59
39 - Precision mechanics. Jewellery	60
43 - Road vehicles engineering	61
45 - Railway engineering	64
47 - Shipbuilding and marine structures	65
49 - Aircraft and space vehicle engineering.....	66
53 - Materials handling equipment	68
55 - Packaging and distribution of goods	69
59 - Textile and leather technology.....	71
61 - Clothing industry	73
65 - Agriculture	74
67 - Food technology	76

71 - Chemical technology.....	79
73 - Mining and minerals.....	82
75 - Petroleum and related technologies.....	83
77 - Metallurgy.....	85
79 - Wood technology.....	88
81 - Glass and ceramics industries.....	89
83 - Rubber and plastic industries.....	90
85 - Paper technology.....	92
87 - Paint and colour industries.....	93
91 - Construction materials and building.....	94
93 - Civil engineering.....	98
95 - Military affairs. Military engineering. Weapons.....	100
97 - Domestic and commercial equipment. Entertainment. Sports.....	101
99 - (No title).....	104

Systematic table of fields, groups and sub-groups

01

GENERALITIES. TERMINOLOGY. STANDARDIZATION. DOCUMENTATION

01.020 Terminology (principles and coordination)

*Including terminography

01.040 Vocabularies

*Standards included in this group shall also be included in other groups and/or sub-groups according to their subject

01.040.01 *Generalities. Terminology. Standardization. Documentation (Vocabularies)*

01.040.03 *Services. Company organization, management and quality. Administration. Transport. Sociology. (Vocabularies)*

01.040.07 *Natural and applied sciences (Vocabularies)*

01.040.11 *Health care technology (Vocabularies)*

01.040.13 *Environment. Health protection. Safety (Vocabularies)*

01.040.17 *Metrology and measurement. Physical phenomena (Vocabularies)*

01.040.19 *Testing (Vocabularies)*

01.040.21 *Mechanical systems and components for general use (Vocabularies)*

01.040.23 *Fluid systems and components for general use (Vocabularies)*

01.040.25 *Manufacturing engineering (Vocabularies)*

01.040.27 *Energy and heat transfer engineering (Vocabularies)*

01.040.29 *Electrical engineering (Vocabularies)*

01.040.31 *Electronics (Vocabularies)*

01.040.33 *Telecommunications. Audio and video engineering (Vocabularies)*

01.040.35 *Information technology (Vocabularies)*

01.040.37 *Image technology (Vocabularies)*

01.040.39 *Precision mechanics. Jewellery (Vocabularies)*

01.040.43 *Road vehicle engineering (Vocabularies)*

01.040.45 *Railway engineering (Vocabularies)*

- 01.040.47** *Shipbuilding and marine structures (Vocabularies)*
- 01.040.49** *Aircraft and space vehicle engineering (Vocabularies)*
- 01.040.53** *Materials handling equipment (Vocabularies)*
- 01.040.55** *Packaging and distribution of goods (Vocabularies)*
- 01.040.59** *Textile and leather technology (Vocabularies)*
- 01.040.61** *Clothing industry (Vocabularies)*
- 01.040.65** *Agriculture (Vocabularies)*
- 01.040.67** *Food technology (Vocabularies)*
- 01.040.71** *Chemical technology (Vocabularies)*
- 01.040.73** *Mining and minerals (Vocabularies)*
- 01.040.75** *Petroleum and related technologies (Vocabularies)*
- 01.040.77** *Metallurgy (Vocabularies)*
- 01.040.79** *Wood technology (Vocabularies)*
- 01.040.81** *Glass and ceramics industries (Vocabularies)*
- 01.040.83** *Rubber and plastics industries (Vocabularies)*
- 01.040.85** *Paper technology (Vocabularies)*
- 01.040.87** *Paint and colour industries (Vocabularies)*
- 01.040.91** *Construction materials and building (Vocabularies)*
- 01.040.93** *Civil engineering (Vocabularies)*
- 01.040.95** *Military Affairs. Military engineering. Weapons (Vocabularies)*
- 01.040.97** *Domestic and commercial equipment. Entertainment. Sports (Vocabularies)*

01.060 Quantities and units

*Standards included in this group shall also be included in other groups and/or sub-groups according to their subject

01.070 Colour coding

*Standards included in this group shall also be included in other groups and/or sub-groups according to their subject

*Safety colours in the context of graphical symbols, see **01.080.10**

01.075 Character symbols

*Standards included in this group shall also be included in other groups and/or sub-groups according to their subject

01.080 Graphical symbols

01.080.01 *Graphical symbols in general*

01.080.10 *Public information symbols. Signs. Plates. Labels*

*Including safety signs, safety colours, etc.

01.080.20 *Graphical symbols for use on specific equipment*

*Standards included in this group shall also be included in other groups and/or sub-groups according to their subject

01.080.30 *Graphical symbols for use on mechanical engineering and construction drawings, diagrams, plans, maps and in relevant technical product documentation*

*Standards included in this group shall also be included in other groups and/or sub-groups according to their subject

01.080.40 *Graphical symbols for use on electrical and electronics engineering drawings, diagrams, charts and in relevant technical product documentation*

*Standards included in this group shall also be included in other groups and/or sub-groups according to their subject

01.080.50 *Graphical symbols for use on information technology and telecommunications technical drawings and in relevant technical product documentation*

*Standards included in this group shall also be included in other groups and/or sub-groups according to their subject

01.080.99 *Other graphical symbols*

01.100 Technical drawings

*Graphical symbols for use on technical drawings, see **01.080.30**

*Computer-aided design, see **35.240.10**

01.100.01 *Technical drawings in general*

01.100.20 *Mechanical engineering drawings*

01.100.25 *Electrical and electronics engineering drawings*

*Including electrical tables, diagrams and charts

01.100.27 *Technical drawings for telecommunications and information technology fields*

01.100.30 *Construction drawings*

*Including civil engineering drawings

01.100.40 *Drawing equipment*

01.100.99 *Other standards related to technical drawings*

01.110 Technical product documentation

*Including rules for preparation of user guides, manuals, product specifications, etc.

01.120 Standardization. General rules

*Including rules for the preparation of standards catalogues and management of technical documents

01.140 Information sciences. Publishing

*Information technology applications in information, documentation and publishing, see **35.240.30**

01.140.10 *Writing and transliteration*

*Coded character sets for bibliographic information interchange, see **35.040.10**

01.140.20 *Information sciences*

*Including documentation, librarianship and archive systems

01.140.30 *Documents in administration, commerce and industry*

*Technical product documentation, see 01.110

*Banking documents, see 03.060

*Electronic data interchange (EDI), see 35.240.60

01.140.40 *Publishing*

*Electronic publishing, see 35.240.30

03

SERVICES. COMPANY ORGANIZATION. MANAGEMENT AND QUALITY. ADMINISTRATION. TRANSPORT. SOCIOLOGY

03.020 Sociology. Demography

03.040 Labour. Employment

* Working environment, see 13.040.30 and 13.180

03.060 Finances. Banking. Monetary systems. Insurance

* Including personal financial planning

* Information technology applications in banking, see 35.240.40

03.080 Services

* Transport, see 03.220

* Postal services, see 03.240

03.080.01 *Services in general*

03.080.10 *Maintenance services. Facilities management*

* Including cleaning and pest control

* Sterilization and disinfection in health care, see 11.080

03.080.20 *Services for companies*

* Including publicity, advertising, professional services, recruitment services, management consultancy, outsourcing, etc.

* Outsourcing as part of a company organization, see 03.100.01

* Staff training and staff certification, see 03.100.30

03.080.30 *Services for consumers*

* Including hotels, restaurants, washing, cleaning, removals, funerals, real estate, vehicle repair and servicing, furniture removals, services for elderly, sheltered housing etc.

* Services for dementia care, assisted living, see 11.020.10

* Transport services and costs, see 03.220

* Consumer information, see 97.020

03.080.99 *Other services*

03.100 Company organization and management. Management systems

03.100.01 *Company organization and management in general*

* Including legal aspects and risk management, societal security, outsourcing

* Outsourcing as a business to business service, see **03.080.20**

* Management systems, see **03.100.70**

* Security and protection against crime, see **13.310**

03.100.02 *Governance and ethics*

* Including anti-bribery, anti-procurement fraud, corporate social responsibility

03.100.10 *Purchasing. Procurement. Logistics*

* Including asset management, supply chain, etc.

03.100.20 *Trade. Commercial function. Marketing*

* E-commerce, see **35.240.60**

03.100.30 *Management of human resources*

* Including staff training, staff responsibilities, staff qualifications and certification

* Welders' qualifications, see **25.160.01**

03.100.40 *Research and development*

* Including project management, value analysis, etc.

03.100.50 *Production. Production management*

03.100.60 *Accountancy*

03.100.70 *Management systems*

* Standards included in this sub-group shall also be included in other groups and/or sub-groups according to their subject

* Including environmental management systems (EMS), road traffic management systems, energy management systems, health care management systems, etc.

03.100.99 *Other standards related to company organization and management*

03.120 Quality

03.120.01 *Quality in general*

* Including general aspects related to reliability and maintainability

03.120.10 *Quality management and quality assurance*

* Quality management systems, see **03.100.70**

03.120.20 *Product and company certification. Conformity assessment*

* Including laboratory accreditation and audit programmes and auditing

03.120.30 *Application of statistical methods*

03.120.99 *Other standards related to quality*

03.140 Patents. Intellectual property

03.160 Law. Administration

* Including flags and associated symbols (emblems) of political and administrative entities, military flags, flags of organizations, etc.

* This group includes standards for general use

03.180 Education

* E-learning, see 35.240.90

03.200 Leisure. Tourism

* Camping equipment, see 97.200.30

03.200.01 *Leisure and tourism in general*

* Including outdoor events management, tourist information offices, tourism services, hotels, etc.

03.200.10 *Adventure tourism*

03.200.99 *Other standards relating to leisure and tourism*

* Including recreational diving services

03.220 Transport

* Transport of dangerous goods, see 13.300

03.220.01 *Transport in general*

03.220.20 *Road transport*

* Including road transport services

* Road traffic management system, see 03.100.70

* Road traffic control equipment and installations, see 93.080.30

03.220.30 *Transport by rail*

* Including rail transport services

* Rail traffic control equipment and installations, see 93.100

03.220.40 *Transport by water*

* Including water transport services

* Water transport control equipment and installations, see 93.140

03.220.50 *Air transport*

* Including air transport services

* Air transport control equipment and installations, see 93.120

03.220.99 *Other forms of transport*

03.240 Postal services

* Including postal equipment, post-boxes and letter-boxes, etc.

07

NATURAL AND APPLIED SCIENCES

07.020 Mathematics

* Application of statistical methods in quality assurance, see 03.120.30

07.030 Physics. Chemistry

* This group includes standards in the field of physics and chemistry as natural sciences

* Applied physics, see 17

* Chemical technology, see 71

07.040 Astronomy. Geodesy. Geography

07.060 Geology. Meteorology. Hydrology

07.080 Biology. Botany. Zoology

* Including biotechnology

07.100 Microbiology

07.100.01 *Microbiology in general*

07.100.10 *Medical microbiology*

* Laboratory medicine, see 11.100

07.100.20 *Microbiology of water*

* Examination of biological properties of water, see 13.060.70

07.100.30 *Food microbiology*

* Including microbiology of animal feeding stuffs

* Animal feeding stuffs, see 65.120

* General methods of tests and analysis for food products, see 67.050

07.100.40 *Cosmetics microbiology*

07.100.99 *Other standards related to microbiology*

07.120 Nanotechnologies

07.140 Forensic science

11

HEALTH CARE TECHNOLOGY

11.020 Medical sciences and health care facilities in general

* Forensic science, see 07.140

11.020.01 *Quality and environmental management in health care*

* Including quality and environmental management in health care technology

* Health care management systems, see 03.100.70

* IT applications in health care technology, see 35.240.80

11.020.10 *Health care services in general*

* Including care homes, dementia care, assisted living, aesthetic surgery, chiropractic services, etc.

11.020.20 *Medical science*

* Including regenerative medicine, cell therapy, stratified medicine

11.020.99 *Other standards related to health care in general*

11.040 Medical equipment

11.040.01 *Medical equipment in general*

11.040.10 *Anaesthetic, respiratory and reanimation equipment*

* Including medical gas installations

11.040.20 *Transfusion, infusion and injection equipment*

* Including blood packs and containers for transfusion

* Syringes, needles and catheters, see 11.040.25

11.040.25 *Syringes, needles and catheters*

11.040.30 *Surgical instruments and materials*

* Including surgical dressings, sutures, etc.

11.040.40 *Implants for surgery, prosthetics and orthotics*

* Including pacemakers

* Ophthalmic implants, see 11.040.70

11.040.50 *Radiographic equipment*

* Including radiographic diagnostic and therapy equipment

* In vitro diagnostic systems, see 11.100.10

* Dental, medical and industrial radiographic films, see 37.040.25

11.040.55 *Diagnostic equipment*

* Including medical monitoring equipment, medical thermometers and related materials

11.040.60 *Therapy equipment*

11.040.70 *Ophthalmic equipment*
* Including ophthalmic implants, glasses, contact lenses and their cleaning products

11.040.99 *Other medical equipment*

11.060 Dentistry

11.060.01 *Dentistry in general*

11.060.10 *Dental materials*

11.060.15 *Dental implants*

* Including dentures

11.060.20 *Dental equipment*

* Dental radiographic films, see 37.040.25

* Toothbrushes and dental floss, see 97.170

11.060.25 *Dental instruments*

11.080 Sterilization and disinfection

11.080.01 *Sterilization and disinfection in general*

* Including sterilization methods, air quality of surgery rooms, etc.

11.080.10 *Sterilizing equipment*

11.080.20 *Disinfectants and antiseptics*

* Including indicators

* Chemicals for industrial and domestic disinfection purposes, see 71.100.35

11.080.30 *Sterilized packaging*

11.080.99 *Other standards related to sterilization and disinfection*

11.100 Laboratory medicine

11.100.01 *Laboratory medicine in general*

11.100.10 *In vitro diagnostic test systems*

11.100.20 *Biological evaluation of medical devices*

* Medical microbiology, see 07.100.10

11.100.30 *Analysis of blood and urine*

* Including doping control

11.100.99 *Other standards related to laboratory medicine*

11.120 Pharmaceuticals

11.120.01 *Pharmaceuticals in general*

11.120.10 *Medicaments*

* Including medical prescriptions and medicinal herbs

11.120.20 *Wound dressings and compresses*

11.120.99 *Other standards related to pharmaceuticals*

* Including equipment for pharmaceutical industry

11.140 Hospital equipment

* Including hospital beds, surgical tables, medical garments, medical gloves, containers for sharp disposal, etc.

11.160 First aid

* Including kits, equipment, facilities and medical transport for first aid

11.180 Aids for disabled or handicapped persons

* Including aids for elderly people

11.180.01 *Aids for disabled and handicapped persons in general*

11.180.10 *Aids and adaptation for moving*

* Including wheelchairs, walking sticks and lifting platforms

11.180.15 *Aids for deaf and hearing impaired people*

11.180.20 *Aids for incontinence and ostomy*

11.180.30 *Aids for blind or partially sighted people*

* Including Braille

* Glasses, contact lenses and their cleaning products, see 11.040.70

11.180.40 *Aids for drinking and eating*

11.180.99 *Other standards related to aids for disabled and handicapped people*

11.200 Birth control. Mechanical contraceptives

11.220 Veterinary medicine

* Including equipment specific to veterinary medicine

13

ENVIRONMENT. HEALTH PROTECTION. SAFETY

13.020 Environmental protection

* Energy efficiency, see 27.015

13.020.01 *Environment and environmental protection in general*

13.020.10 *Environmental management*

* Including certification and audit

* Environmental management systems (EMS), see 03.100.70

13.020.20 *Environmental economics. Sustainability*

* Standards included in this sub-group may also be included in other groups and/or subgroups according to their subjects

* Including responsible sourcing, procurement, sustainable development, sustainable events management, sustainable communities, smart urban infrastructure, biodiversity

13.020.30 *Environmental impact assessment*

* Including environmental risk management

13.020.40 *Pollution, pollution control and conservation*

* Including ecotoxicology and greenhouse gas emissions

13.020.50 *Ecolabelling*

13.020.55 *Biobased products*

13.020.60 *Product life-cycles*

* Including environmental footprint, carbon neutrality

13.020.70 *Environmental projects*

13.020.99 *Other standards related to environmental protection*

13.030 Wastes

* Standards for industrial and agricultural wastes should be classified under sub-groups according to their type

13.030.01 *Wastes in general*

13.030.10 *Solid wastes*

13.030.20 *Liquid wastes. Sludge*

* Sewage water disposal and treatment, see 13.060.30

13.030.30 *Special wastes*

* Including radioactive wastes, hospital wastes, carcasses, electrical, electronic equipment and other hazardous wastes

13.030.40 *Installations and equipment for waste disposal and treatment*

* Including street cleaning equipment, waste containers, incineration and compaction equipment, equipment for dumping of refuse, landfill sites, etc.

* Waste collection vehicles, see 43.160

* Waste chutes, see 91.140.70

* Food waste disposal units, see 97.040.50

13.030.50 *Recycling*

* Including relevant equipment

* motor vehicle recycling, see 43.020

13.030.99 *Other standards related to wastes*

* Including waste prevention

13.040 **Air quality**

13.040.01 *Air quality in general*

13.040.20 *Ambient atmospheres*

* Including indoor air

13.040.30 *Workplace atmospheres*

* Air quality of surgery rooms, see 11.080.01

13.040.35 *Cleanrooms and associated controlled environments*

13.040.40 *Stationary source emissions*

13.040.50 *Transport exhaust emissions*

13.040.99 *Other standards related to air quality*

13.060 **Water quality**

* Including toxicity, biodegradability, protection against pollution, related installations and equipment

* Standards for examination of water should be classified under sub-groups according to their type of water

13.060.01 *Water quality in general*

13.060.10 *Water of natural resources*

13.060.20 *Drinking water*

* Mineral water, see 67.160.20

* Chemicals for purification of water, see 71.100.80

* Drinking water supply systems, see 91.140.60

13.060.25 *Water for industrial use*

* Including water for commercial use: for swimming pools, fish breeding, etc.

13.060.30 *Sewage water*

* Including sewage water disposal and treatment

* Liquid wastes, see 13.030.20

* Drainage systems, see 91.140.80

* Sewage systems, see 93.030

13.060.45 *Examination of water in general*

* Including sampling

13.060.50 *Examination of water for chemical substances*

13.060.60 *Examination of physical properties of water*

13.060.70 *Examination of biological properties of water*

* Microbiology of water, see 07.100.20

13.060.99 *Other standards related to water quality*

13.080 Soil quality. Pedology

* Soil properties related to geotechnics, see 93.020

13.080.01 *Soil quality and pedology in general*

* Including pollution, erosion, degradation, etc.

13.080.05 *Examination of soils in general*

* Including sampling

13.080.10 *Chemical characteristics of soils*

13.080.20 *Physical properties of soils*

13.080.30 *Biological properties of soils*

13.080.40 *Hydrological properties of soils*

13.080.99 *Other standards related to soil quality*

* Including agricultural aspects related to soils and re-use of soil materials

13.100 Occupational safety. Industrial hygiene

* Protective clothing and equipment, see 13.340

* Workplace lighting, see 91.160.10

13.110 Safety of machinery

* This group includes standards for general use

13.120 Domestic safety

* Child safety, see 97.190

* Safety of toys, see 97.200.50

13.140 Noise with respect to human beings

* Including audiometry

* Hearing protectors, see 13.340.20

* Acoustics and acoustic measurements, see 17.140

13.160 Vibration and shock with respect to human beings

* Vibrations, shock and vibration measurements, see 17.160

13.180 Ergonomics

13.200 Accident and disaster control

* Including emergency evacuations and emergency control systems

* Seismic and vibration protection of buildings, see 91.120.25

13.220 Protection against fire

13.220.01 *Protection against fire in general*

* Including fire safety

13.220.10 *Fire-fighting*

* Including equipment and vehicles

* Flameproof clothing, see 13.340.10

13.220.20 *Fire protection*

* Including equipment

13.220.40 *Ignitability and burning behaviour of materials and products*

13.220.50 *Fire-resistance of building materials and elements*

13.220.99 *Other standards related to protection against fire*

13.230 Explosion protection

* Electrical apparatus for explosive atmospheres, see 29.260.20

* Explosives and pyrotechnics, see 71.100.30

13.240 Protection against excessive pressure

* Including safety valves, bursting disc devices, etc.

13.260 Protection against electric shock. Live working

* Including tools for working with voltages

13.280 Radiation protection

* Including protection against radio-frequency radiation

* Radiation measurements, see 17.240

13.300 Protection against dangerous goods

* Including performance requirements for dangerous goods, their handling, storage, transportation, marking, labelling, etc.

* Nuclear fissile materials, see 27.120.30

* Explosives, see 71.100.30

13.310 Protection against crime

* Including security services, security procedures, burglar alarm devices, burglary resisting materials and equipment, bullet resisting materials and equipment, anti-theft devices for vehicles, safes, strong rooms, etc.

13.320 Alarm and warning systems

* Burglar alarm and warning systems, see 13.310

* Warning devices for road vehicles, see 43.040.20

13.340 Protective equipment

* Occupational safety, see 13.100

- 13.340.01** *Protective equipment in general*
- 13.340.10** *Protective clothing*
 - * Including flameproof clothing
- 13.340.20** *Head protective equipment*
 - * Including helmets, eye-protectors, hearing protectors, ear muffs, teeth protectors and hoods.
- 13.340.30** *Respiratory protective devices*
- 13.340.40** *Hand and arm protection*
 - * Including protective gloves, sleeves and mits
 - * Medical gloves, see 11.140
- 13.340.50** *Leg and foot protection*
 - * Including safety boots and shoes
- 13.340.60** *Protection against falling and slipping*
 - * Including safety ropes, harnesses and fall arrestors
 - * Mountaineering equipment, see 97.220.40
- 13.340.70** *Lifejackets, buoyancy aids and flotation devices*
- 13.340.99** *Other protective equipment*

17

METROLOGY AND MEASUREMENT. PHYSICAL PHENOMENA

17.020 Metrology and measurement in general

* Including measuring instruments in general, preferred numbers, standard measures, general aspects of reference materials, etc.

* Quantities and units, see 01.060

* Chemical reference materials, see 71.040.30

17.040 Linear and angular measurements

17.040.01 *Linear and angular measurements in general*

17.040.10 *Limits and fits*

17.040.20 *Properties of surfaces*

17.040.30 *Measuring instruments*

17.040.40 *Geometrical Product Specification (GPS)*

17.040.99 *Other standards related to linear and angular measurements*

17.060 Measurement of volume, mass, density, viscosity

* Including measuring instruments

* Volumetric measurements of petroleum products and natural gas, see 75.180.30

17.080 Measurement of time, velocity, acceleration, angular velocity

* Including measuring instruments

* Time-measuring instruments, see 39.040

17.100 Measurement of force, weight and pressure

* Including measuring and weighing instruments

17.120 Measurement of fluid flow

* Including measuring instruments and installations

17.120.01 *Measurement of fluid flow in general*

17.120.10 *Flow in closed conduits*

* Gas meters in buildings, see 91.140.40

* Water meters in buildings, see 91.140.60

17.120.20 *Flow in open channels*

* Including hydrometric determinations

17.140 Acoustics and acoustic measurements

* Including measuring instruments and testing equipment

* Noise with respect to human beings, see 13.140

* Acoustics in building, see 91.120.20

17.140.01 *Acoustic measurements and noise abatement in general*

* Including acoustic insulation

17.140.20 *Noise emitted by machines and equipment*

* Standards included in this group shall also be included in other groups and/or sub-groups according to their subject

17.140.30 *Noise emitted by means of transport*

* Including road noise, railway noise, harbour noise and airport noise

* Standards included in this group shall also be included in other groups and/or sub-groups according to their subject

17.140.50 *Electroacoustics*

* Including sound level meters

17.140.99 *Other standards related to acoustics*

17.160 Vibrations, shock and vibration measurements

* Including measuring instruments and installations

* Vibration and shock with respect to human beings, see 13.160

* Balancing and balancing machines, see 21.120.40

* Vibration protection of buildings, see 91.120.25

17.180 Optics and optical measurements

17.180.01 *Optics and optical measurements in general*

17.180.20 *Colours and measurement of light*

17.180.30 *Optical measuring instruments*

* Including spectrometers, geodetic instruments, etc.

* Ophthalmic optics and instruments, see 11.040.70

* Laser equipment, see 31.260

* Fibre optics, see 33.180

* Optical equipment, materials and components, see 37.020

* Photographic equipment lenses, see 37.040.10

17.180.99 *Other standards related to optics and optical measurements*

17.200 Thermodynamics and temperature measurements

17.200.01 *Thermodynamics in general*

17.200.10 *Heat. Calorimetry*

17.200.20 *Temperature-measuring instruments*

* Including thermostats

* Medical thermometers, see 11.040.55

17.200.99 *Other standards related to thermodynamics*

17.220 Electricity. Magnetism. Electrical and magnetic measurements

17.220.01 *Electricity. Magnetism. General aspects*

*Including electromagnetism

17.220.20 *Measurement of electrical and magnetic quantities*

*Including measuring instruments, instrument transformers

*Electric energy meters in buildings, see 91.140.50

17.220.99 *Other standards related to electricity and magnetism*

17.240 Radiation measurements

*Including dosimetry

*Radiation protection, see 13.280

19

TESTING

* This group includes standards for general use

* Analytical chemistry, see 71.040

19.020 Test conditions and procedures in general

19.040 Environmental testing

* Including testing equipment

19.060 Mechanical testing

* Including testing equipment

* Mechanical testing of metals, see 77.040.10

19.080 Electrical and electronic testing

* Including testing equipment

* Equipment for measuring electrical and magnetic quantities, see 17.220.20

19.100 Non-destructive testing

* Including testing equipment: industrial apparatus for X-ray and gamma radiography, penetrant flaw detectors, etc.

* Non-destructive testing of welded joints, see 25.160.40

* Industrial radiographic films, see 37.040.25

* Non-destructive testing of metals, see 77.040.20

19.120 Particle size analysis. Sieving

* Including test sieves and porosimetry

21

MECHANICAL SYSTEMS AND COMPONENTS FOR GENERAL USE

21.020 Characteristics and design of machines, apparatus, equipment

* Including reliability, dependability, maintainability, durability, etc.

* Safety of machinery, see 13.110

21.040 Screw threads

* Screw threads for aerospace construction, see 49.030.10

21.040.01 *Screw threads in general*

21.040.10 *Metric screw threads*

21.040.20 *Inch screw threads*

* Including Whitworth screw threads

* Pipe threads, see 21.040.30

21.040.30 *Special screw threads*

* Including miniature screw threads, pipe threads, etc.

21.060 Fasteners

* Fasteners related to surgery, prosthetics and orthotics, see 11.040.40

* Fasteners for aerospace construction, see 49.030

21.060.01 *Fasteners in general*

21.060.10 *Bolts, screws, studs*

21.060.20 *Nuts*

21.060.30 *Washers, locking elements*

21.060.40 *Rivets*

21.060.50 *Pins, nails*

21.060.60 *Rings, bushes, sleeves, collars*

21.060.70 *Clamps and staples*

21.060.99 *Other fasteners*

21.080 Hinges, eyelets and other articulated joints

21.100 Bearings

21.100.01 *Bearings in general*

21.100.10 *Plain bearings*

21.100.20 *Rolling bearings*

21.120 Shafts and couplings

21.120.01 *Shafts and couplings in general*

21.120.10 *Shafts*

21.120.20 *Couplings*

21.120.30 *Keys and keyways, splines*

21.120.40 *Balancing and balancing machines*

21.120.99 *Other standards related to shafts and couplings*

21.140 Seals, glands

*Seals for pipe and hose assemblies, see 23.040.80

21.160 Springs

*Steel for springs, see 77.140.25

21.180 Housings, enclosures, other machine parts

21.200 Gears

21.220 Flexible drives and transmissions

21.220.01 *Flexible drives and transmissions in general*

21.220.10 *Belt drives and their components*

21.220.20 *Cable or rope drives and their components*

21.220.30 *Chain drives and their components*

21.220.99 *Other flexible drives and transmissions*

21.240 Rotary-reciprocating mechanisms and their parts

*Including pistons, piston-rings, crankshafts, etc. for general engineering

21.260 Lubrication systems

*Lubricants, see 75.100

23

FLUID SYSTEMS AND COMPONENTS FOR GENERAL USE

* Measurement of fluid flow, see 17.120

23.020 Fluid storage devices

* Small containers for transportation of fluids and bulk materials, see 55.140

* Storage devices for petroleum products and natural gas, see 75.200

23.020.01 *Fluid storage devices in general*

23.020.10 *Stationary containers and tanks*

23.020.20 *Vessels and containers mounted on vehicles*

* Tanker trucks, see 43.080.10

* Tank wagons, see 45.060.20

* Tankers, see 47.020.85

* Small containers for fluids, see 55.140

23.020.30 *Pressure vessels*

* Steam pressure vessels, see 27.060.30

* Steel for pressure purposes, see 77.140.30

23.020.35 *Gas cylinders*

23.020.40 *Cryogenic vessels*

23.020.99 *Other fluid storage devices*

23.040 Pipeline components and pipelines

* Pipeline components and pipelines for petroleum products and natural gas, see 75.200

23.040.01 *Pipeline components and pipelines in general*

23.040.03 *Pipelines and its parts for external water conveyance systems*

23.040.05 *Pipelines and its parts for external sewage systems*

23.040.07 *Pipelines and its parts for district heat*

23.040.10 *Iron and steel pipes*

* Steel pipes and tubes for specific use, see 77.140.75

23.040.15 *Non-ferrous metal pipes*

* Non-ferrous metal pipes and tubes for specific use, see 77.150

23.040.20 *Plastics pipes*

- 23.040.40 *Metal fittings*
- 23.040.45 *Plastics fittings*
- 23.040.50 *Pipes and fittings of other materials*
- 23.040.60 *Flanges, couplings and joints*
- 23.040.70 *Hoses and hose assemblies*
- 23.040.80 *Seals for pipe and hose assemblies*
- 23.040.99 *Other pipeline components*

23.060 Valves

- 23.060.01 *Valves in general*
- 23.060.10 *Globe valves*
- 23.060.20 *Ball and plug valves*
- 23.060.30 *Gate valves*
- 23.060.40 *Pressure regulators*
 - * Including pressure-reducers
 - * Protection against excessive pressure, see 13.240
- 23.060.50 *Check valves*
- 23.060.99 *Other valves*

23.080 Pumps

- * Pumps for fluid power systems, see 23.100.10
- * Vacuum pumps, see 23.160

23.100 Fluid power systems

- 23.100.01 *Fluid power systems in general*
- 23.100.10 *Pumps and motors*
- 23.100.20 *Cylinders*
- 23.100.40 *Piping and couplings*
- 23.100.50 *Control components*
 - * Including valves
- 23.100.60 *Filters, seals and contamination of fluids*
 - * Hydraulic fluids, see 75.120
- 23.100.99 *Other fluid power system components*

23.120 Ventilators. Fans. Air-conditioners

- * Marine ventilation and air-conditioning systems, see 47.020.90
- * Mining ventilation and air-conditioning systems, see 73.100.20
- * Ventilation and air-conditioning in buildings, see 91.140.30

23.140 Compressors and pneumatic machines

* Compressed air, see 71.100.20

23.160 Vacuum technology

* Including vacuum pumps

25

MANUFACTURING ENGINEERING

*This group includes standards for general use

25.020 Manufacturing forming processes

25.030 Additive manufacturing

25.040 Industrial automation systems

*IT applications in industry, see 35.240.50

25.040.01 *Industrial automation systems in general*

25.040.10 *Machining centres*

25.040.20 *Numerically controlled machines*

25.040.30 *Industrial robots. Manipulators*

25.040.40 *Industrial process measurement and control*

25.040.99 *Other industrial automation systems*

25.060 Machine tool systems

25.060.01 *Machine tool systems in general*

25.060.10 *Modular units and other devices*

25.060.20 *Dividing and tool-workpiece holding devices*

25.060.99 *Other machine tool systems*

25.080 Machine tools

*Woodworking machines, see 79.120.10

25.080.01 *Machine tools in general*

25.080.10 *Lathes*

25.080.20 *Boring and milling machines*

25.080.25 *Planing machines*

25.080.30 *Broaching machines*

25.080.40 *Drilling machines*

25.080.50 *Grinding and polishing machines*

25.080.60 *Sawing machines*

25.080.99 *Other machine tools*

25.100 Cutting tools

* Including industrial diamonds

* Woodworking tools, see 79.120.20

25.100.01 *Cutting tools in general*

25.100.10 *Turning tools*

25.100.20 *Milling tools*

25.100.25 *Tools for planing and broaching machines*

25.100.30 *Drills, countersinks, reamers*

25.100.40 *Saws*

25.100.50 *Taps and threading dies*

25.100.60 *Files*

25.100.70 *Abrasives*

25.100.99 *Other cutting tools*

25.120 Chipless working equipment

25.120.01 *Chipless working equipment in general*

25.120.10 *Forging equipment. Presses. Shears*

25.120.20 *Rolling, extruding and drawing equipment*

25.120.30 *Moulding equipment*

25.120.40 *Electrochemical machines*

25.120.99 *Other chipless working equipment*

25.140 Hand-held tools

* Tools for working with voltages, see 13.260

25.140.01 *Hand-held tools in general*

25.140.10 *Pneumatic tools*

25.140.20 *Electric tools*

* Chain- and brush-saws, see 65.060.80

25.140.30 *Hand-operated tools*

* Including wrenches, screwdrivers, pliers, nippers, hammers, etc.

25.140.99 *Other hand-held tools*

25.160 Welding, brazing and soldering

* Including gas welding, electric welding, plasma welding, electron beam welding, plasma cutting, etc.

25.160.01 *Welding, brazing and soldering in general*

* Including welders' qualifications

25.160.10 *Welding processes*

* Including thermal cutting and cladding

25.160.20 *Welding consumables*

* Including electrodes, filler metals, gases, etc.

25.160.30 *Welding equipment*

* Including thermal cutting equipment

25.160.40 *Welded joints and welds*

* Including welding position and mechanical and non-destructive testing of welded joints

25.160.50 *Brazing and soldering*

* Including brazing and soldering alloys and equipment

25.180 Industrial furnaces

25.180.01 *Industrial furnaces in general*

25.180.10 *Electric furnaces*

25.180.20 *Fuel furnaces*

25.200 Heat treatment

25.220 Surface treatment and coating

* Including processes and equipment for surface treatment and coating

* Heat treatment, see 25.200

* Surface treatment and coating in aerospace industry, see 49.040

* Corrosion of metals, see 77.060

* Paint coating, see 87.020

25.220.01 *Surface treatment and coating in general*

25.220.10 *Surface preparation*

* Including surface preparation for painting, cleaning, scouring, blasting, etc.

25.220.20 *Surface treatment*

* Including anodization, conversion coating, thermal spraying, etc.

25.220.40 *Metallic coatings*

* Including electrolytic depositions, cathodic coatings, autocatalytic coatings, etc.

25.220.50 *Enamels*

25.220.60 *Organic coatings*

25.220.99 *Other treatments and coatings*

27

ENERGY AND HEAT TRANSFER ENGINEERING

27.010 Energy and heat transfer engineering in general

27.015 Energy efficiency. Energy conservation in general

- * Including energy audits
- * Energy management systems, see 03.100.70
- * Energy efficiency of buildings, see 91.120.10

27.020 Internal combustion engines

- * This group includes standards for general use
- * Internal combustion engines for current generating sets, see 29.160.40
- * Internal combustion engines for road vehicles, see 43.060
- * Marine engines, see 47.020.20

27.040 Gas and steam turbines. Steam engines

- * Hydraulic turbines, see 27.140

27.060 Burners. Boilers

27.060.01 *Burners and boilers in general*

- * Burners and boilers for central heating systems, see 91.140.10

27.060.10 *Liquid and solid fuel burners*

27.060.20 *Gas fuel burners*

27.060.30 *Boilers and heat exchangers*

- * Including steam pressure vessels
- * Heat exchangers for medical use, see 11.040.10
- * Heat exchangers for the chemical industry, see 71.120.30
- * Heat exchangers for the petroleum and natural gas industry, see 75.180.20
- * Heating appliances for buildings, see 97.100

27.070 Fuel cells

27.075 Hydrogen technologies

- * Industrial application of gases, see 71.100.20

27.080 Heat pumps

27.100 Power stations in general

- * Including thermal power plants
- * Nuclear power plants, see 27.120.20
- * Hydraulic power plants, see 27.140
- * Solar power stations, see 27.160
- * Wind turbine systems, see 27.180

27.120 Nuclear energy engineering

27.120.01 *Nuclear energy in general*

27.120.10 *Reactor engineering*

27.120.20 *Nuclear power plants. Safety*

- * Radiation protection, see 13.280

27.120.30 *Fissile materials and nuclear fuel technology*

- * Including raw materials
- * Radioactive wastes, see 13.030.30

27.120.99 *Other standards related to nuclear energy*

27.140 Hydraulic energy engineering

- * Including hydraulic turbines

27.160 Solar energy engineering

- * Including photovoltaic energy systems

27.180 Wind turbine energy systems

- * Including generation of electrical energy

27.190 Biological sources and alternative sources of energy

27.200 Refrigerating technology

- * Air-conditioners, see 23.120
- * Refrigerants, see 71.100.45
- * Household refrigerating appliances, see 97.040.30
- * Commercial refrigerating appliances, see 97.130.20

27.220 Heat recovery. Thermal insulation

- * This group includes standards for general use
- * Thermal insulation of buildings, see 91.120.10

29

ELECTRICAL ENGINEERING

29.020 Electrical engineering in general

* Including voltages, general electrical terminology, electrical documentation, electrical tables, safety, fire hazard testing, etc.

* Electrical diagrams and charts, see 01.100.25

* Electrical power stations, see 27.100

* Electromagnetic compatibility, see 33.100

29.030 Magnetic materials

* Steels with special magnetic properties, see 77.140.40

29.035 Insulating materials

29.035.01 *Insulating materials in general*

29.035.10 *Paper and board insulating materials*

29.035.20 *Plastics and rubber insulating materials*

* Including adhesive tapes

29.035.30 *Glass and ceramic insulating materials*

29.035.50 *Mica based materials*

29.035.60 *Varnished fabrics*

29.035.99 *Other insulating materials*

29.040 Insulating fluids

29.040.01 *Insulating fluids in general*

29.040.10 *Insulating oils*

29.040.20 *Insulating gases*

29.040.99 *Other insulating fluids*

29.045 Semiconducting materials

29.050 Superconductivity and conducting materials

29.060 Electrical wires and cables

29.060.01 *Electrical wires and cables in general*

29.060.10 *Wires*
* Including electric rods, busbars, etc.

29.060.20 *Cables*

29.080 Insulation

* Insulating materials, see 29.035

* Insulating fluids, see 29.040

29.080.01 *Electrical insulation in general*

29.080.10 *Insulators*

* Including fittings and other components for insulators

29.080.20 *Bushings*

29.080.30 *Insulation systems*

29.080.99 *Other standards related to insulation*

29.100 Components for electrical equipment

* Electronic components, see 31

29.100.01 *Components for electrical equipment in general*

29.100.10 *Magnetic components*

29.100.20 *Electric and electromechanical components*

29.100.99 *Other components for electrical equipment*

29.120 Electrical accessories

29.120.01 *Electrical accessories in general*

29.120.10 *Conduits for electrical purposes*

29.120.20 *Connecting devices*

29.120.30 *Plugs, socket-outlets, couplers*

29.120.40 *Switches*

29.120.50 *Fuses and other overcurrent protection devices*

29.120.70 *Relays*

29.120.99 *Other electrical accessories*

29.130 Switchgear and controlgear

29.130.01 *Switchgear and controlgear in general*

29.130.10 *High voltage switchgear and controlgear*

* Including enclosed switchgear and controlgear

29.130.20 *Low voltage switchgear and controlgear*

* Including switchgear and controlgear assemblies

29.130.99 *Other switchgear and controlgear*

29.140 Lamps and related equipment

- 29.140.01 *Lamps in general*
- 29.140.10 *Lamp caps and holders*
- 29.140.20 *Incandescent lamps*
- 29.140.30 *Fluorescent lamps. Discharge lamps*
- 29.140.40 *Luminaires*
- 29.140.50 *Lighting installation systems*
 - * Including supply track systems
- 29.140.99 *Other standards related to lamps*

29.160 Rotating machinery

- 29.160.01 *Rotating machinery in general*
- 29.160.10 *Components for rotating machines*
- 29.160.20 *Generators*
- 29.160.30 *Motors*
- 29.160.40 *Generating sets*
- 29.160.99 *Other standards related to rotating machinery*

29.180 Transformers. Reactors

- * Instrument transformers, see 17.220.20

29.200 Rectifiers. Converters. Stabilized power supply

- * Including semiconductor converters

29.220 Galvanic cells and batteries

- 29.220.01 *Galvanic cells and batteries in general*
- 29.220.10 *Primary cells and batteries*
- 29.220.20 *Acid secondary cells and batteries*
- 29.220.30 *Alkaline secondary cells and batteries*
- 29.220.99 *Other cells and batteries*

29.240 Power transmission and distribution networks

- * Electricity supply systems in buildings, see 91.140.50
- 29.240.01 *Power transmission and distribution networks in general*
 - * Powerline telecommunications, see 33.040.60
- 29.240.10 *Substations. Surge arresters*
- 29.240.20 *Power transmission and distribution lines*

29.240.30 *Control equipment for electric power systems*

* Measuring instruments for electrical quantities, see 17.220.20

29.240.99 *Other equipment related to power transmission and distribution networks*

* Including capacitors for power networks

29.260 Electrical equipment for working in special conditions

29.260.01 *Electrical equipment for working in special conditions in general*

29.260.10 *Electrical installations for outdoor use*

29.260.20 *Electrical apparatus for explosive atmospheres*

29.260.99 *Other electrical equipment for working in special conditions*

29.280 Electric traction equipment

* Including railway electric fixed installations

* Electric road vehicles, see 43.120

* Non-electric railway tractive stock, see 45.060.10

31

ELECTRONICS

31.020 Electronic components in general

*Magnetic components, see 29.100.10

31.040 Resistors

31.040.01 *Resistors in general*

31.040.10 *Fixed resistors*

31.040.20 *Potentiometers, variable resistors*

31.040.30 *Thermistors*

31.040.99 *Other resistors*

31.060 Capacitors

31.060.01 *Capacitors in general*

31.060.10 *Fixed capacitors*

31.060.20 *Ceramic and mica capacitors*

31.060.30 *Paper and plastics capacitors*

31.060.40 *Tantalum electrolytic capacitors*

31.060.50 *Aluminium electrolytic capacitors*

31.060.60 *Variable capacitors*

31.060.70 *Power capacitors*

*Capacitors for power networks, see 29.240.99

31.060.99 *Other capacitors*

31.080 Semiconductor devices

*Semiconducting materials, see 29.045

31.080.01 *Semiconductor devices in general*

31.080.10 *Diodes*

31.080.20 *Thyristors*

31.080.30 *Transistors*

31.080.99 *Other semiconductor devices*

31.100 Electronic tubes

31.120 Electronic display devices

*Including liquid crystal displays

31.140 Piezoelectric devices

31.160 Electric filters

31.180 Printed circuits and boards

31.190 Electronic component assemblies

*Including preassembled modules

31.200 Integrated circuits. Microelectronics

*Including electronic chips, logical and analogue microstructures

*Microprocessors, see 35.160

31.220 Electromechanical components for electronic and telecommunications equipment

31.220.01 *Electromechanical components in general*

31.220.10 *Plug-and-socket devices. Connectors*

31.220.20 *Switches*

31.220.99 *Other electromechanical components*

31.240 Mechanical structures for electronic equipment

31.260 Optoelectronics. Laser equipment

*Including photoelectric tubes and cells

33

TELECOMMUNICATIONS. AUDIO AND VIDEO ENGINEERING

33.020 Telecommunications in general

* Including infrastructure

33.030 Telecommunication services. Applications

* Including supplementary services, service aspects and associated legal traceability aspects

33.040 Telecommunication systems

* Including network (system) aspects

33.040.01 *Telecommunication systems in general*

33.040.20 *Transmission systems*

* Including synchronization, cable systems, integrated cabling, pathways and multiplexing

33.040.30 *Switching and signalling systems*

* Including telecommunication call charging and billing aspects

33.040.35 *Telephone networks*

* Including Public Switched Telephone Networks (PSTN), Private Telecommunication Networks (PTN) and Private Integrated Service Networks (PISN)

33.040.40 *Data communication networks*

* Including Packet Switched Public Data Networks (PSPDN) and Ethernet

* ISDN, see 33.080

* OSI local, wide and metropolitan area networks, see 35.110

* Modems, see 35.180

33.040.50 *Lines, connections and circuits*

* Including access networks and network elements

33.040.60 *Powerline telecommunications*

* Power transmission and distribution, see 29.240.01

33.040.99 *Other equipment for telecommunication systems*

33.050 Telecommunication terminal equipment

33.050.01 *Telecommunication terminal equipment in general*

33.050.10 *Telephone equipment*

33.050.20 *Paging equipment*

33.050.30 *Equipment for telex, teletext, telefax*

* Modems, see 35.180

33.050.99 *Other telecommunication terminal equipment*

33.060 Radiocommunications

33.060.01 *Radiocommunications in general*

33.060.20 *Receiving and transmitting equipment*

33.060.30 *Radio relay and fixed satellite communications systems*

33.060.40 *Cabled distribution systems*

33.060.99 *Other equipment for radiocommunications*

33.070 Mobile services

33.070.01 *Mobile services in general*

33.070.10 *Terrestrial Trunked Radio (TETRA)*

33.070.20 *Paging systems*

* Including European Radio Message System (ERMES)

33.070.30 *Digital Enhanced Cordless Telecommunications (DECT)*

33.070.40 *Satellite*

* Including Global Positioning System (GPS)

33.070.50 *Global System for Mobile Communication (GSM)*

33.070.99 *Other mobile services*

33.080 Integrated Services Digital Network (ISDN)

33.100 Electromagnetic compatibility (EMC)

* Including radio interference

33.100.01 *Electromagnetic compatibility in general*

33.100.10 *Emission*

33.100.20 *Immunity*

33.100.99 *Other aspects related to EMC*

33.120 Components and accessories for telecommunications equipment

* Plug-and-socket devices, connectors, see 31.220.10

* Switches, see 31.220.20

33.120.01 *Components and accessories in general*

33.120.10 *Coaxial cables. Waveguides*

33.120.20 *Wires and symmetrical cables*

33.120.30 *RF connectors*

33.120.40 *Aerials*

33.120.99 *Other components and accessories*

33.140 Special measuring equipment for use in telecommunications

33.160 Audio, video and audiovisual engineering

33.160.01 *Audio, video and audiovisual systems in general*

*Stage and studio equipment, see 97.200.10

33.160.10 *Amplifiers*

33.160.20 *Radio receivers*

33.160.25 *Television receivers*

33.160.30 *Audio systems*

*Including tape recorders, records, magnetic tapes, cassettes, CDs, etc.

33.160.40 *Video systems*

*Including video tape recorders, cameras, cassettes, laser disks, etc.

33.160.50 *Accessories*

*Including headphones, loudspeakers, microphones, etc.

33.160.60 *Multimedia systems and teleconferencing equipment*

33.160.99 *Other audio, video and audiovisual equipment*

33.170 Television and radio broadcasting

*Equipment for television and radio broadcasting, see 33.160

*Stage and studio equipment, see 97.200.10

33.180 Fibre optic communications

33.180.01 *Fibre optic systems in general*

33.180.10 *Fibres and cables*

33.180.20 *Fibre optic interconnecting devices*

33.180.30 *Optic amplifiers*

33.180.99 *Other fibre optic equipment*

33.200 Telecontrol. Telemetry

*Including Supervising, Control and Data Acquisition System (SCADA)

35

INFORMATION TECHNOLOGY

35.020 Information technology (IT) in general

*Including general aspects of IT equipment

35.030 IT Security

*Including encryption

35.040 Information coding

*Including coding of audio, picture, multimedia and hypermedia information, bar coding, etc.

*IT security techniques, see 35.030

35.040.01 *Information coding in general*

35.040.10 *Coding of character sets*

35.040.30 *Coding of graphical and photographic information*

35.040.40 *Coding of audio, video, multimedia and hypermedia information*

35.040.50 *Automatic identification and data capture techniques*

*Including RFID, OCR, bar coding, etc.

35.040.99 *Other standards related to information coding*

35.060 Languages used in information technology

35.080 Software

*Including software development, documentation and use

*Internet applications, see 35.240.95

35.100 Open systems interconnection (OSI)

35.100.01 *Open systems interconnection in general*

35.100.05 *Multilayer applications*

*Including International Standardized Profiles

35.100.10 *Physical layer*

35.100.20 *Data link layer*

35.100.30 *Network layer*

35.100.40 *Transport layer*

35.100.50 *Session layer*

35.100.60 *Presentation layer*

35.100.70 *Application layer*

35.110 Networking

* Including local area networks (LAN), metropolitan area networks (MAN), wide area networks (WAN), etc.

* Private Integrated Services Network (PISN), see 33.040.35

* Integrated Services Digital Network (ISDN), see 33.080

35.140 Computer graphics

35.160 Microprocessor systems

* Including PCs, calculators, etc.

* Integrated circuits, see 31.200

35.180 IT terminal and other peripheral equipment

* Including modems

35.200 Interface and interconnection equipment

35.210 Cloud computing

35.220 Data storage devices

35.220.01 *Data storage devices in general*

35.220.10 *Paper cards and tapes*

35.220.20 *Magnetic storage devices in general*

35.220.21 *Magnetic disks*

* Including flexible disks, diskettes, disk packs, disk cartridges, etc.

35.220.22 *Magnetic tapes*

35.220.23 *Cassettes and cartridges for magnetic tapes*

35.220.30 *Optical storage devices*

* Including CD and magneto-optical devices (MO)

35.220.99 *Other data storage devices*

35.240 Applications of information technology

35.240.01 *Application of information technology in general*

35.240.10 *Computer-aided design (CAD)*

35.240.15 *Identification cards. Chip cards. Biometrics*

* Including application of cards for banking, trade, telecommunications, transport, etc.

35.240.20 *IT applications in office work*

* Including text processing systems, text communication, text presentation, Office Document Architecture (ODA), etc.

35.240.30 *IT applications in information, documentation and publishing*

* Including Standard Generalized Markup Language (SGML), Extensible Markup Language (XML), automatic translation machines, etc.

35.240.40 *IT applications in banking*

- * Including automatic banking facilities
- * Identification cards for banking purposes, see 35.240.15

35.240.50 *IT applications in industry*

- * Including design automation

35.240.60 *IT applications in transport*

35.240.63 *IT applications in trade*

- * Including EDIFACT and e-commerce

35.240.67 *IT applications in building and construction industry*

- * Including building information modelling, Home and Building Electronic Systems (HBES)

35.240.68 *IT applications in agriculture*

35.240.69 *IT applications in postal services*

35.240.70 *IT applications in science*

- * Including digital geographic information

35.240.80 *IT applications in health care technology*

- * Including computer tomography

35.240.90 *IT applications in education*

- * Including e-learning

35.240.95 *Internet applications*

35.240.99 *IT applications in other fields*

35.260 Office machines

* Including typewriters, dictation equipment, addressing machines, letter opening machines, letter folding machines, postal franking machines, their ribbons and other accessories, etc.

* Telephones, see 33.050.10

* Telex and telefax, see 33.050.30

* Copying machines, see 37.100.10

* Wrapping and packaging equipment, see 55.200

* Paper based stationery, see 85.080

* Office furniture, see 97.140

* Non-paper based stationery, see 97.180

37

IMAGE TECHNOLOGY

37.020 Optical equipment

* Including microscopes, telescopes, binoculars, optical materials, optical components and optical systems

* Ophthalmic equipment, see 11.040.70

* Optical measuring instruments, see 17.180.30

* Photographic equipment lenses, see 37.040.10

37.040 Photography

* Photographic studios, see 97.200.10

37.040.01 *Photography in general*

37.040.10 *Photographic equipment. Projectors*

37.040.20 *Photographic paper, films and plates. Cartridges*

37.040.25 *Radiographic films*

* Including dental, medical and industrial radiographic films

37.040.30 *Photographic chemicals*

37.040.99 *Other standards related to photography*

37.060 Cinematography

* Cinematographic studios, see 97.200.10

37.060.01 *Cinematography in general*

37.060.10 *Motion picture equipment*

37.060.20 *Motion picture films. Cartridges*

37.060.99 *Other standards related to cinematography*

37.080 Document imaging applications

* Including micrographic, electronic and optical applications

* Optical storage devices, see 35.220.30

37.100 Graphic technology

37.100.01 *Graphic technology in general*

* Including proof corrections

37.100.10 *Reproduction equipment*

* Including printing, copying and duplicating machines, bookbinding equipment, etc.

37.100.20 *Materials for graphic technology*

* Inks, see 87.080

37.100.99 *Other standards related to graphic technology*

39

PRECISION MECHANICS. JEWELLERY

39.020 Precision mechanics

* Including microsystems

39.040 Horology

39.040.01 *Horology in general*

39.040.10 *Watches*

39.040.20 *Clocks*

39.040.99 *Other time-measuring instruments*

39.060 Jewellery

* Including precious metals, precious and semi-precious stones

* Industrial diamonds, see 25.100

43

ROAD VEHICLES ENGINEERING

43.020 Road vehicles in general

- * Including testing and recycling of road vehicles
- * Road transport, see 03.220.20
- * Transport exhaust emissions, see 13.040.50

43.040 Road vehicle systems

- * Electric road vehicle systems, see 43.120
- * Motorcycle and moped systems, see 43.140
- * Cycle systems, see 43.150

43.040.01 *Road vehicle systems in general*

43.040.10 *Electrical and electronic equipment*

43.040.15 *Car informatics. On board computer systems*

- * Including navigation systems, car radio, etc.

43.040.20 *Lighting, signalling and warning devices*

43.040.30 *Indicating and control devices*

43.040.40 *Braking systems*

43.040.50 *Transmissions, suspensions*

- * Including clutches, gearboxes, power-steering systems, cardan shafts, differentials, wheels, rims, etc.
- * Tyres for road vehicles, see 83.160.10

43.040.60 *Bodies and body components*

- * Including vehicle frame and structure, heating devices, air-conditioning systems for passenger/driver compartments, roof load carriers, etc.
- * Loading compartments, see 43.080.10

43.040.65 *Glazing and wiper systems*

- * Including cleaning, defrosting and demisting devices, mirrors, etc.

43.040.70 *Couplings*

- * Including towing attachments and fifth wheel assemblies

43.040.80 *Crash protection and restraint systems*

- * Including airbags, safety belts, traffic accident issues and safety enhancement matters

43.040.99 *Other road vehicle systems*

43.060 Internal combustion engines for road vehicles

- * Standards for internal combustion engines for general use, see 27.020

43.060.01 *Internal combustion engines for road vehicles in general*

43.060.10 *Engine block and internal components*

43.060.20 *Pressure charging and air/exhaust gas ducting systems*

43.060.30 *Cooling systems. Lubricating systems*

* Antifreezes, see 71.100.45

* Lubricants, see 75.100

43.060.40 *Fuel systems*

43.060.50 *Electrical and electronic equipment. Control systems*

* Including ignition systems and starter motors

43.060.99 *Other components and systems of internal combustion engines*

43.080 Commercial vehicles

* Road vehicle systems, see 43.040

* Tyres for road vehicles, see 83.160.10

43.080.01 *Commercial vehicles in general*

43.080.10 *Trucks and trailers*

* Including tanker trucks and loading compartments

* Industrial trucks, see 53.060

43.080.20 *Buses*

43.080.99 *Other commercial vehicles*

43.100 Passenger cars. Caravans and light trailers

* Road vehicle systems, see 43.040

* Tyres for road vehicles, see 83.160.10

* Camping equipment, see 97.200.30

43.120 Electric road vehicles

* Including their components and systems

* Tyres for road vehicles, see 83.160.10

43.140 Motorcycles and mopeds

* Including their components and systems

* Tyres for road vehicles, see 83.160.10

43.150 Cycles

* Including their components and systems

* Tyres for road vehicles, see 83.160.10

43.160 Special purpose vehicles

* Including waste collection vehicles and components and systems for special purpose vehicles

* Fire-fighting vehicles, see 13.220.10

* Mobile cranes, see 53.020.20

* Earth-moving machinery, see 53.100

* Agricultural tractors and trailed vehicles, see 65.060.10

43.180 Diagnostic, maintenance and test equipment

* Including repairing facilities

* Petrol stations, see 75.200

45

RAILWAY ENGINEERING

45.020 Railway engineering in general

* Railway traffic, see 03.220.30

* Construction of railways, see 93.100

45.040 Materials and components for railway engineering

45.060 Railway rolling stock

* Including materials, components, electric and electronic equipment for railway rolling stock

45.060.01 *Railway rolling stock in general*

45.060.10 *Tractive stock*

* Electric traction equipment, see 29.280

45.060.20 *Trailing stock*

* Including tank wagons

45.080 Rails and railway components

* Including track components

45.100 Cableway equipment

* Including ropeway equipment

45.120 Equipment for railway/cableway construction and maintenance

45.140 Metro, tram and light rail equipment

47

SHIPBUILDING AND MARINE STRUCTURES

47.020 Shipbuilding and marine structures in general

* Including offshore structures, except offshore structures for petroleum and natural gas industries, and seabed mining

* Water transport, see 03.220.40

* Offshore structures for seabed mining, see 73.100.30

* Offshore structures for petroleum and natural gas industries, see 75.180.10

47.020.01 *General standards related to shipbuilding and marine structures*

47.020.05 *Materials and components for shipbuilding*

47.020.10 *Hulls and their structure elements*

47.020.20 *Marine engines and propulsion systems*

* Standards for internal combustion engines for general use, see 27.020

47.020.30 *Piping systems*

47.020.40 *Lifting and cargo handling equipment*

47.020.50 *Deck equipment and installations*

47.020.60 *Electrical equipment of ships and of marine structures*

47.020.70 *Navigation and control equipment*

* Radiocommunications equipment, see 33.060

47.020.80 *Accommodation spaces*

47.020.85 *Cargo spaces*

* Including tanks and tankers

47.020.90 *Marine ventilation, air conditioning and heating systems*

47.020.99 *Other standards related to shipbuilding and marine structures*

47.040 Seagoing vessels

* Including their systems and components

47.060 Inland navigation vessels

* Including their systems and components

47.080 Small craft

* Including small craft systems and components, and life-saving appliances

* Personal flotation devices (life jackets), see 13.340.70

49

AIRCRAFT AND SPACE VEHICLE ENGINEERING

49.020 Aircraft and space vehicles in general

* Including aircraft performance, flight dynamics, etc.

* Air transport, see 03.220.50

49.025 Materials for aerospace construction

49.025.01 *Materials for aerospace construction in general*

49.025.05 *Ferrous alloys in general*

49.025.10 *Steels*

49.025.15 *Non-ferrous alloys in general*

49.025.20 *Aluminium*

49.025.30 *Titanium*

49.025.40 *Rubber and plastics*

49.025.50 *Adhesives*

49.025.60 *Textiles*

* Including textile glass and coated fabrics

49.025.99 *Other materials*

49.030 Fasteners for aerospace construction

* Fasteners for general use, see 21.060

49.030.01 *Fasteners in general*

49.030.10 *Screw threads*

* Screw threads for general use, see 21.040

49.030.20 *Bolts, screws, studs*

49.030.30 *Nuts*

49.030.40 *Pins, nails*

49.030.50 *Washers and other locking elements*

49.030.60 *Rivets*

49.030.99 *Other fasteners*

49.035 Components for aerospace construction

* Including bearings, rod ends and other mechanical components

* Tyres for aircraft, see 83.160.20

49.040 Coatings and related processes used in aerospace industry

* Coatings for general use, see 25.220

49.045 Structure and structure elements

49.050 Aerospace engines and propulsion systems

* Including fuel systems

49.060 Aerospace electric equipment and systems

* Including Avionics

49.080 Aerospace fluid systems and components

49.090 On-board equipment and instruments

* Including navigation instruments and telecommunications equipment

49.095 Passenger and cabin equipment

49.100 Ground service and maintenance equipment

49.120 Cargo equipment

* Air mode containers, pallets and nets, see 55.180.30

49.140 Space systems and operations

* Including space data and information transfer systems, and ground support equipment for launch site operations

53

MATERIALS HANDLING EQUIPMENT

53.020 Lifting equipment

* Lifting equipment for shipbuilding, see 47.020.40

* Lifts and escalators, see 91.140.90

53.020.01 *Lifting appliances in general*

* Lifting platforms for disabled people, see 11.180.10

53.020.20 *Cranes*

* Including mobile cranes, tower cranes, jib cranes, bridge cranes, etc.

53.020.30 *Accessories for lifting equipment*

* Including lifting hooks, shackles, link chains, wire ropes, etc.

* Wire ropes and link chains for general use, see 77.140.65

53.020.99 *Other lifting equipment*

* Including elevating work platforms

53.040 Continuous handling equipment

53.040.01 *Continuous handling equipment in general*

53.040.10 *Conveyors*

53.040.20 *Components for conveyors*

* Including conveyor belts, chains, chain wheels, etc.

53.040.30 *Pneumatic transport and its components*

53.040.99 *Other continuous handling equipment*

53.060 Industrial trucks

* Including fork-lift trucks, sliding platforms, etc.

* Trucks and trailers, see 43.080.10

53.080 Storage equipment

* Including loading devices, shelves, etc.

* Storing and warehousing, see 55.220

* Installations for storage of agricultural produce, see 65.040.20

* Shelving for shops, see 97.130.10

53.100 Earth-moving machinery

* Including tractors, excavators, loaders, graders, etc.

53.120 Equipment for manual handling

* Including shovels, spades, crowbars, picks, etc.

55

PACKAGING AND DISTRIBUTION OF GOODS

55.020 Packaging and distribution of goods in general

55.040 Packaging materials and accessories

* Including wrappers, paper, films, foils, cords, sealing devices, cushioning, etc.

* Adhesive tapes for general purposes, see **83.180**

55.060 Spools. Bobbins

* Including holders, supports, etc. for externally wound or mounted material

* Photographic and cinematographic film rolls, cores, spools, reels, etc., see **37.040.20**

* Photographic film rolls, cores, spools, reels, etc., see **37.060.20**

* Cones, tubes, beams, etc. for textile materials, see **59.120.20**

55.080 Sacks. Bags

* Including sachets, envelopes

55.100 Bottles. Pots. Jars

* Small containers for liquids and their closures

* Containers for transfusion use, see **11.040.20**

* Containers for pharmaceutical preparations, see **11.120.99**

55.120 Cans. Tins. Tubes

* Light gauge metal and plastics containers

55.130 Aerosol containers

55.140 Barrels. Drums. Canisters

* Containers mainly for transportation of fluids, including also casks, pails, large tin cans for shipping materials, etc.

* Fluid storage devices, see **23.020**

55.160 Cases. Boxes. Crates

* Containers for solid goods or objects and bulk materials

55.180 Freight distribution of goods

55.180.01 *Freight distribution of goods in general*

55.180.10 *General purpose containers*

55.180.20 *General purpose pallets*

55.180.30 *Air mode containers, pallets and nets*

55.180.40 *Complete, filled transport packages*

* Including reusable packages and unit loads

55.180.99 *Other standards related to freight distribution of goods*

* Including intermediate bulk containers

55.200 Packaging machinery

* Including labelling, marking, branding, filling, sealing machines, etc.

55.220 Storing. Warehousing

* Storage equipment, see 53.080

55.230 Distribution and vending machines

* Including distribution of tickets, food, beverages, tobacco products, etc.

59

TEXTILE AND LEATHER TECHNOLOGY

59.020 Processes of the textile industry

59.040 Textile auxiliary materials

* Including feathers and down

* Surface active agents, see 71.100.40

59.060 Textile fibres

59.060.01 *Textile fibres in general*

* Including mixtures of fibres

59.060.10 *Natural fibres*

59.060.20 *Man-made fibres*

59.060.30 *Mineral and metal fibres*

59.060.99 *Other textile fibres*

59.080 Products of the textile industry

* Materials for the reinforcement of composites, see 59.100

* Fishing nets, see 65.150

* Upholstery, see 97.140

* Textile floor coverings, see 97.150

* Home textiles and linen, see 97.160

59.080.01 *Textiles in general*

* Including colour fastness of textiles

59.080.20 *Yarns*

* Including plied yarns, textured yarns, threads

59.080.30 *Textile fabrics*

* Including nonwovens, felts, lace, etc.

59.080.40 *Coated fabrics*

59.080.50 *Ropes*

* Including strings, straps, bands

* Wire ropes for lifting, see 53.020.30

* Steel wire ropes, see 77.140.65

59.080.70 *Geotextiles*

* Including geosynthetics

59.080.80 *Smart textiles*

59.080.99 *Other products of the textile industry*

59.100 Materials for the reinforcement of composites

59.100.01 *Materials for the reinforcement of composites in general*

59.100.10 *Textile glass materials*

59.100.20 *Carbon materials*

59.100.30 *Aramide materials*

59.100.99 *Other materials for the reinforcement of composites*

59.120 Textile machinery

59.120.01 *Textile machinery in general*

59.120.10 *Spinning, twisting and texturing machines*

* Including machines and equipment for manufacturing man-made filaments and fibres and for preparing fibres for spinning

59.120.20 *Winding machines and equipment*

* Including machines and equipment for reeling, balling, warping, sizing, beaming, etc. of yarns

59.120.30 *Looms. Weaving machines*

59.120.40 *Knitting machines*

* Including household knitting machines

59.120.50 *Dyeing and finishing equipment*

* Laundry appliances, see 97.060

59.120.99 *Other textile machinery*

59.140 Leather technology

* Including fur and imitation leather

* Footwear, see 61.060

* Sewing machines and machines for footwear production, see 61.080

59.140.01 *Leather technology in general*

59.140.10 *Processes and auxiliary materials*

59.140.20 *Raw skins, hides and pelts*

59.140.30 *Leather and furs*

59.140.35 *Leather products*

* Including trunks, suitcases, handbags, purses, wallets, dog-collars, etc. made of materials other than leather

* Products of the clothing industry, see 61

59.140.40 *Machines and equipment for leather and fur production*

59.140.99 *Other standards related to leather technology*

61

CLOTHING INDUSTRY

61.020 Clothes

* Including underwear, nightwear, knitwear, military clothing, hosiery, etc. and their labelling and size coding schemes

* Medical garments, see 11.140

* Protective clothing, see 13.340.10

61.040 Headgear. Clothing accessories. Fastening of clothing

* Including ties, gloves, scarves, handkerchiefs, belts, braces, buttons, zip-fasteners, umbrellas, etc.

* Protective headgear, see 13.340.20

* Protective gloves, see 13.340.40

61.060 Footwear

* Including shoelaces

* Protective footwear, see 13.340.50

61.080 Sewing machines and other equipment for the clothing industry

* Including household sewing machines

* Washing machines, driers, ironing and pressing appliances, see 97.060

65

AGRICULTURE

65.020 Farming and forestry

* Pedology, soil analysis, see 13.080

* Logging, see 79.020

65.020.01 *Farming and forestry in general*

65.020.20 *Plant growing*

* Including horticulture, floriculture, seeds, plant diseases

65.020.30 *Animal husbandry and breeding*

* Including sanitary inspection

* Veterinary medicine, see 11.220

65.020.40 *Landscaping and silviculture*

65.020.99 *Other standards related to farming and forestry*

65.040 Farm buildings, structures and installations

65.040.01 *Farm buildings and installations in general*

65.040.10 *Livestock buildings, installations and equipment*

* Including milking machines

65.040.20 *Buildings and installations for processing and storage of agricultural produce*

* Including slaughterhouses and related equipment

65.040.30 *Greenhouses and other installations*

65.040.99 *Other standards related to farm buildings and installations*

65.060 Agricultural machines, implements and equipment

* Tyres for agricultural machinery, see 83.160.30

65.060.01 *Agricultural machines and equipment in general*

65.060.10 *Agricultural tractors and trailed vehicles*

65.060.20 *Soil-working equipment*

65.060.25 *Equipment for storage, preparation and distribution of fertilizers*

65.060.30 *Sowing and planting equipment*

65.060.35 *Irrigation and drainage equipment*

65.060.40 *Plant care equipment*

65.060.50 *Harvesting equipment*

65.060.60 *Viticultural and wine-making equipment*

65.060.70 *Horticultural equipment*

*Including lawnmowers, equipment for olive cultivation and olive production

65.060.80 *Forestry equipment*

*Including chain- and brush-saws

65.060.99 *Other agricultural machines and equipment*

65.080 Fertilizers

*Including soil conditioners and culture medium

65.100 Pesticides and other agrochemicals

65.100.01 *Pesticides and other agrochemicals in general*

65.100.10 *Insecticides*

*Wood-protecting chemicals, see 71.100.50

65.100.20 *Herbicides*

65.100.30 *Fungicides*

*Wood-protecting chemicals, see 71.100.50

65.100.99 *Other pesticides and agrochemicals*

65.120 Animal feeding stuffs

*Microbiology of animal feeding stuffs, see 07.100.30

65.140 Beekeeping

*Including equipment and installations for beekeeping

*Honey, see 67.180.10

65.145 Hunting

*Including equipment and installations for hunting

65.150 Fishing and fish breeding

*Including hunting of marine mammals and reptiles, collection and breeding of aquatic molluscs and other marine products, equipment and installations for fishing and fish breeding, etc.

*Water for fish breeding, see 13.060.25

*Fish and fishery products, see 67.120.30

65.160 Tobacco, tobacco products and related equipment

67

FOOD TECHNOLOGY

67.020 Processes in the food industry

* Including food hygiene and food safety

67.040 Food products in general

67.050 General methods of tests and analysis for food products

* Food microbiology, see 07.100.30

* Sensory analysis, see 67.240

67.060 Cereals, pulses and derived products

* Including grains, corn, flours, baked products, etc.

67.080 Fruits. Vegetables

* Including canned, dried and quick-frozen fruits and vegetables

* Fruit and vegetable juices and nectars, see 67.160.20

67.080.01 *Fruits, vegetables and derived products in general*

67.080.10 *Fruits and derived products*

* Including nuts

67.080.20 *Vegetables and derived products*

* Including tomato concentrates, ketchup, etc.

67.100 Milk and milk products

67.100.01 *Milk and milk products in general*

67.100.10 *Milk and processed milk products*

* Including dried milk, condensed milk and evaporated milk

67.100.20 *Butter*

67.100.30 *Cheese*

* Including cottage cheese, whey cheese

67.100.40 *Ice cream and ice confectionery*

* Including sorbets

67.100.99 *Other milk products*

67.120 Meat, meat products and other animal produce

* Including frozen products

67.120.01 *Animal produce in general*

67.120.10 *Meat and meat products*

67.120.20 *Poultry and eggs*

67.120.30 *Fish and fishery products*

*Including aquatic molluscs and other marine products

67.120.99 *Other animal produce*

67.140 Tea. Coffee. Cocoa

67.140.10 *Tea*

*Including herb teas

67.140.20 *Coffee and coffee substitutes*

67.140.30 *Cocoa*

67.160 Beverages

67.160.01 *Beverages in general*

67.160.10 *Alcoholic beverages*

*Including beer, wine, spirits, etc.

67.160.20 *Non-alcoholic beverages*

*Including juices, nectars, mineral waters, lemonades, root beer, cola drinks, etc.

*Tea, coffee, cocoa, see 67.140

67.180 Sugar. Sugar products. Starch

67.180.10 *Sugar and sugar products*

*Including molasses, sweets, sugar confectionary, honey, etc.

67.180.20 *Starch and derived products*

*Including glucose syrups, etc.

67.190 Chocolate

67.200 Edible oils and fats. Oilseeds

67.200.10 *Animal and vegetable fats and oils*

*Butter, see 67.100.20

67.200.20 *Oilseeds*

67.220 Spices and condiments. Food additives

67.220.10 *Spices and condiments*

67.220.20 *Food additives*

*Including salt, vinegar, food preservation additives, etc.

67.230 Prepackaged and prepared foods

*Including baby food

67.240 Sensory analysis

67.250 Materials and articles in contact with foodstuffs

* Including catering containers, and materials and articles in contact with drinking water

67.260 Plants and equipment for the food industry

* Refrigerating equipment, see 27.200

* Cold rooms, see 97.130.20

71

CHEMICAL TECHNOLOGY

71.020 Production in the chemical industry

*Including plant layout and services, process design and control, processing operations, security measures, etc.

71.040 Analytical chemistry

*This group includes standards for general use

71.040.01 *Analytical chemistry in general*

71.040.10 *Chemical laboratories. Laboratory equipment*

*Including hydrometers, alcoholometers, etc.

*Apparatus for measurement of volume, mass, density, viscosity, see 17.060

*Spectroscopes, see 17.180.30

*Temperature-measuring instruments, see 17.200.20

*Laboratory ware, see 71.040.20

71.040.20 *Laboratory ware and related apparatus*

71.040.30 *Chemical reagents*

*Including reference materials

71.040.40 *Chemical analysis*

*Including analysis of gases and surface chemical analysis

71.040.50 *Physicochemical methods of analysis*

*Including spectrophotometric and chromatographic analysis

71.040.99 *Other standards related to analytical chemistry*

71.060 Inorganic chemicals

71.060.01 *Inorganic chemicals in general*

71.060.10 *Chemical elements*

71.060.20 *Oxides*

*Including dioxides, peroxides, etc.

71.060.30 *Acids*

71.060.40 *Bases*

71.060.50 *Salts*

71.060.99 *Other inorganic chemicals*

71.080 Organic chemicals

71.080.01 *Organic chemicals in general*

71.080.10 *Aliphatic hydrocarbons*

71.080.15 *Aromatic hydrocarbons*

71.080.20 *Halogenated hydrocarbons*

71.080.30 *Organic nitrogen compounds*

71.080.40 *Organic acids*

71.080.50 *Anhydrides*

71.080.60 *Alcohols. Ethers*

71.080.70 *Esters*

71.080.80 *Aldehydes and ketones*

71.080.90 *Phenols*

71.080.99 *Other organic chemicals*

71.100 Products of the chemical industry

*Photographic chemicals, see **37.040.30**

*Raw materials for rubber and plastics, see **83.040**

*Paints and varnishes, see **87.040**

*Inks, see **87.080**

71.100.01 *Products of the chemical industry in general*

71.100.10 *Materials for aluminium production*

71.100.20 *Gases for industrial application*

*Including compressed air and hydrogen

*Hydrogen technologies, see **27.075**

*Liquefied petroleum gases, see **75.160.30**

71.100.30 *Explosives. Pyrotechnics and fireworks*

71.100.35 *Chemicals for industrial and domestic disinfection purposes*

*Medical disinfectants and antiseptics, see **11.080.20**

71.100.40 *Surface active agents*

71.100.45 *Refrigerants and antifreezes*

71.100.50 *Wood-protecting chemicals*

71.100.55 *Silicones*

71.100.60 *Essential oils*

71.100.70 *Cosmetics. Toiletries*

*Cosmetics microbiology, see **07.100.40**

71.100.80 *Chemicals for purification of water*

71.100.99 *Other products of the chemical industry*

71.120 Equipment for the chemical industry

*Transport of dangerous chemicals, see 13.300

71.120.01 *Equipment for the chemical industry in general*

71.120.10 *Reaction vessels and their components*

71.120.20 *Columns*

71.120.30 *Heat exchangers*

71.120.99 *Other equipment for the chemical industry*

73

MINING AND MINERALS

73.020 Mining and quarrying

* Including exploration, opening-up, development, working of mineral deposits, drilling, construction of mines, mining operations, processing of minerals, etc.

73.040 Coals

* Including lignites

* Coal products, see 75.160.10

73.060 Metalliferous minerals and their concentrates

* Uranium-containing minerals, see 27.120.30

73.060.01 *Metalliferous minerals in general*

73.060.10 *Iron ores*

73.060.20 *Manganese ores*

73.060.30 *Chromium ores*

73.060.40 *Aluminium ores*

73.060.99 *Other metalliferous minerals*

73.080 Non-metalliferous minerals

* Including mica, fluorspar, etc.

* Industrial diamonds, see 25.100

* Precious and semi-precious stones, see 39.060

73.100 Mining equipment

* Electrical apparatus for explosive atmospheres, see 29.260.20

73.100.01 *Mining equipment in general*

73.100.10 *Tunnelling and tubing equipment*

73.100.20 *Ventilation, air-conditioning and illumination equipment*

73.100.30 *Equipment for drilling and mine excavation*

* Including equipment for seabed mining

* Drilling equipment for the petroleum industry, see 75.180.10

73.100.40 *Haulage and hoisting equipment*

73.100.99 *Other mining equipment*

73.120 Equipment for processing of minerals

* Including equipment for milling, sizing, separation, flotation, concentration, etc.

75

PETROLEUM AND RELATED TECHNOLOGIES

75.020 Extraction and processing of petroleum and natural gas

75.040 Crude petroleum

75.060 Natural gas

75.080 Petroleum products in general

75.100 Lubricants, industrial oils and related products

* Including mineral oils, fluids for metal working and for temporary protection against corrosion

* Lubrication systems, see 21.260

* Insulating oils, see 29.035.40

75.120 Hydraulic fluids

* Fluid power systems, see 23.100

75.140 Waxes, bituminous materials and other petroleum products

* Asphalts for building, see 91.100.50

* Asphalts for road construction, see 93.080.20

75.160 Fuels

75.160.01 *Fuels in general*

75.160.10 *Solid fuels*

* Including coal products, coke, peat, wood, derivatives of coal pyrolysis, etc.

* Coals, see 73.040

* Solid biofuels, see 75.160.40

75.160.20 *Liquid fuels*

* Including gasoline, diesel, kerosene, etc.

* Liquid biofuels, see 75.160.40

75.160.30 *Gaseous fuels*

* Including liquefied petroleum gases

* Hydrogen, see 71.100.20

* Natural gas, see 75.060

* Biogas, see 75.160.40

75.160.40 *Biofuels*

* Including solid biofuels, liquid biofuels and biogas

75.180 Equipment for petroleum and natural gas industries

75.180.01 *Equipment for petroleum and natural gas industries in general*

75.180.10 *Exploratory, drilling and extraction equipment*

*Including offshore structures

75.180.20 *Processing equipment*

75.180.30 *Volumetric equipment and measurements*

75.180.99 *Other equipment for petroleum and natural gas industries*

75.200 Petroleum products and natural gas handling equipment

*Including petroleum and natural gas storage devices, distribution systems, pipelines, petrol stations, dispensing devices, etc.

77

METALLURGY

77.020 Production of metals

77.040 Testing of metals

77.040.01 *Testing of metals in general*

77.040.10 *Mechanical testing of metals*

* Mechanical testing in general, see 19.060

* Mechanical testing of welded joints, see 25.160.40

77.040.20 *Non-destructive testing of metals*

* Non-destructive testing in general, see 19.100

* Non-destructive testing of welded joints, see 25.160.40

77.040.30 *Chemical analysis of metals*

* Chemical analysis in general, see 71.040.40

* Chemical analysis of ferrous metals, see 77.080

* Chemical analysis of ferroalloys, see 77.100

* Chemical analysis of non-ferrous metals, see 77.120

* Chemical analysis of sintered metals and hard metals, see 77.160

77.040.99 *Other methods of testing of metals*

77.060 Corrosion of metals

* Surface treatment and coating, see 25.220

77.080 Ferrous metals

* Including classification, designation, sampling, chemical analysis, etc.

* Dimensions and quality grades of iron and steel products, see 77.140

77.080.01 *Ferrous metals in general*

77.080.10 *Irons*

77.080.20 *Steels*

77.100 Ferroalloys

* Including classification, designation, sampling, chemical analysis, etc.

77.120 Non-ferrous metals

* Including classification, designation, sampling, chemical analysis, etc.

* Precious metals for dentistry, see 11.060.10

* Precious metals for jewellery, see 39.060

* Dimensions and quality grades of non-ferrous metal products, see 77.150

- 77.120.01** *Non-ferrous metals in general*
- 77.120.10** *Aluminium and aluminium alloys*
- 77.120.20** *Magnesium and magnesium alloys*
- 77.120.30** *Copper and copper alloys*
- 77.120.40** *Nickel, chromium and their alloys*
- 77.120.50** *Titanium and titanium alloys*
- 77.120.60** *Lead, zinc, tin and their alloys*
- 77.120.70** *Cadmium, cobalt and their alloys*
- 77.120.99** *Other non-ferrous metals and their alloys*

77.140 Iron and steel products

*Standards containing quality grades and form of products should be classified in both types of relevant sub-groups

*Steel products for aerospace construction, see 49.025.10

- 77.140.01** *Iron and steel products in general*
- 77.140.10** *Heat-treatable steels*
- 77.140.15** *Steels for reinforcement of concrete*
- 77.140.20** *Stainless steels*
 - *Including alloyed steels, corrosion-resistant steels, heat-resisting steels, etc.
- 77.140.25** *Spring steels*
- 77.140.30** *Steels for pressure purposes*
 - *Steels for pressure pipes and tubes for specific use, see 77.140.75
- 77.140.35** *Tool steels*
- 77.140.40** *Steels with special magnetic properties*
- 77.140.45** *Non-alloyed steels*
- 77.140.50** *Flat steel products and semi-products*
 - *Including plate, sheet and strip
 - *Steel strips for springs, see 77.140.25
- 77.140.60** *Steel bars and rods*
- 77.140.65** *Steel wire, wire ropes and link chains*
 - *Lifting link chains and wire ropes, see 53.020.30
 - *Steel wire for springs, see 77.140.25
- 77.140.70** *Steel profiles*
 - *Including sections
- 77.140.75** *Steel pipes and tubes for specific use*
 - *Including hollow steel bars and sections for construction
 - *Steel pipes for conducting fluids, see 23.040.10
- 77.140.80** *Iron and steel castings*

77.140.85 *Iron and steel forgings*

77.140.99 *Other iron and steel products*

77.150 Products of non-ferrous metals

* Including products of non-ferrous metal alloys

* Products of non-ferrous metals for aerospace construction, see **49.025**

77.150.01 *Products of non-ferrous metals in general*

77.150.10 *Aluminium products*

77.150.20 *Magnesium products*

77.150.30 *Copper products*

77.150.40 *Nickel and chromium products*

77.150.50 *Titanium products*

77.150.60 *Lead, zinc and tin products*

77.150.70 *Cadmium and cobalt products*

77.150.99 *Other products of non-ferrous metals*

77.160 Powder metallurgy

* Including sintered metal materials and hardmetals

77.180 Equipment for the metallurgical industry

79

WOOD TECHNOLOGY

79.020 Wood technology processes

* Including logging and wood treatment

* Wood-protecting chemicals, see 71.100.50

79.040 Wood, sawlogs and sawn timber

79.060 Wood-based panels

79.060.01 *Wood-based panels in general*

79.060.10 *Plywood*

79.060.20 *Fibre and particle boards*

79.060.99 *Other wood-based panels*

79.080 Semi-manufactures of timber

* Including parquet, wood paving, handles, etc.

79.100 Cork and cork products

79.120 Woodworking equipment

79.120.01 *Woodworking equipment in general*

79.120.10 *Woodworking machines*

* Chain- and brush-saws, see 65.060.80

79.120.20 *Woodworking tools*

79.120.99 *Other woodworking equipment*

81

GLASS AND CERAMICS INDUSTRIES

81.020 Processes in the glass and ceramics industries

81.040 Glass

81.040.01 *Glass in general*

81.040.10 *Raw materials and raw glass*

81.040.20 *Glass in building*

81.040.30 *Glass products*

* Bottles, pots, jars, see 55.100

* Laboratory glassware, see 71.040.20

81.060 Ceramics

* Including glass-ceramics

81.060.01 *Ceramics in general*

81.060.10 *Raw materials*

81.060.20 *Ceramic products*

* Ceramic tiles, see 91.100.23

* Ceramic building products, see 91.100.25

* Sanitary ceramic products, see 91.140.70

81.060.30 *Advanced ceramics*

81.060.99 *Other standards related to ceramics*

81.080 Refractories

* Including ceramic refractories

81.100 Equipment for the glass and ceramics industries

83

RUBBER AND PLASTIC INDUSTRIES

83.020 Manufacturing processes in the rubber and plastics industries

83.040 Raw materials for rubber and plastics

83.040.01 *Raw materials for rubber and plastics in general*

83.040.10 *Latex and raw rubber*

83.040.20 *Rubber compounding ingredients*

* Including carbon black, kaolin clay, etc.

83.040.30 *Auxiliary materials and additives for plastics*

* Including fillers, extenders, hardeners, pigments, plasticizers, etc.

83.060 Rubber

* Raw rubber, see 83.040.10

83.080 Plastics

83.080.01 *Plastics in general*

83.080.10 *Thermosetting materials*

* Including ebonite

* Silicones, see 71.100.55

83.080.20 *Thermoplastic materials*

83.100 Cellular materials

83.120 Reinforced plastics

* Materials for the reinforcement of plastics, see 59.100

83.140 Rubber and plastics products

* Moulding or extrusion products should be classified according to specific products

* Transmission belts, see 21.220.10

* Conveyor belts, see 53.040.20

* Rubber and plastics coated fabrics, see 59.080.40

* Footwear, see 61.060

* Tyres, see 83.160

83.140.01 *Rubber and plastics products in general*

83.140.10 *Films and sheets*

* Including plates

83.140.20 *Laminated sheets*

83.140.30 *Plastics pipes and fittings for non fluid use*

*Plastics pipes, fittings and valves for general use, see 23.040.20, 23.040.45 and 23.060

83.140.40 *Hoses*

*Hoses for general use, see 23.040.70

83.140.50 *Seals*

*Seals for general use, see 21.140 and 23.040.80

83.140.99 *Other rubber and plastics products*

83.160 Tyres

*Including tubes and valves

83.160.01 *Tyres in general*

83.160.10 *Road vehicle tyres*

*Including cycle tyres, and tyre retreading and repair processes

83.160.20 *Aircraft tyres*

83.160.30 *Tyres for agricultural machinery*

83.160.99 *Other tyres*

83.180 Adhesives

*Including adhesive tapes

*Adhesive tapes for electrical insulation purposes, see 29.035.20

83.200 Equipment for the rubber and plastics industries

85

PAPER TECHNOLOGY

85.020 Paper production processes

*Including paper recycling

85.040 Pulps

85.060 Paper and board

85.080 Paper products

*Including paper based stationery

*Other forms of stationery (non-paper based), see 35.260 and 97.180

85.080.01 *Paper products in general*

85.080.10 *Office paper*

85.080.20 *Tissue paper*

85.080.30 *Cardboard*

*Including corrugated fibreboard

*Paper for packaging, see 55.040

85.080.99 *Other paper products*

85.100 Equipment for the paper industry

87

PAINT AND COLOUR INDUSTRIES

87.020 Paint coating processes

*Surface preparation for painting, see 25.220.10

87.040 Paints and varnishes

*Including coating powders, paint coatings and protective paint systems

87.060 Paint ingredients

87.060.01 *Paint ingredients in general*

87.060.10 *Pigments and extenders*

87.060.20 *Binders*

87.060.30 *Solvents*

87.060.99 *Other paint ingredients*

87.080 Inks. Printing inks

*Materials for graphic technology, see 37.100.20

87.100 Paint coating equipment

91

CONSTRUCTION MATERIALS AND BUILDING

91.010 Construction industry

91.010.01 *Construction industry in general*

* Building information modelling, see 35.240.67

91.010.10 *Legal aspects*

91.010.20 *Contractual aspects*

* Including construction procurement

91.010.30 *Technical aspects*

* Including tolerances, modular coordination, etc.

* Construction drawings, see 01.100.30

91.010.99 *Other aspects*

91.020 Physical planning. Town planning

91.040 Buildings

91.040.01 *Buildings in general*

* Including building environment design and service life planning

* Building materials, see 91.100

* Cultural property and heritage, see 97.195

91.040.10 *Public buildings*

* Including ecclesiastical buildings and hospitals

91.040.20 *Buildings for commerce and industry*

91.040.30 *Residential buildings*

91.040.99 *Other buildings*

91.060 Elements of buildings

* Foundations, see 93.020

91.060.01 *Elements of buildings in general*

91.060.10 *Walls. Partitions. Façades*

91.060.20 *Roofs*

* Including related elements (gutters, etc.)

91.060.30 *Ceilings. Floors. Stairs*

* Including screeds, ramps, etc.

91.060.40 *Chimneys, shafts, ducts*

* Including flues and flue pipes

91.060.50 *Doors and windows*

* Including doorsets, their components, blinds, shutters

* Door and window hardware, see 91.190

91.060.99 *Other elements of buildings*

91.080 Structures of buildings

* Including design, loading on and calculation of structures

91.080.01 *Structures of buildings in general*

91.080.10 *Metal structures*

91.080.13 *Steel structures*

91.080.17 *Aluminium structures*

91.080.20 *Timber structures*

91.080.30 *Masonry*

91.080.40 *Concrete structures*

* Including the repair and protection of concrete products and structures

91.080.99 *Other structures*

91.090 External structures

* Including fences, gates, arches, sheds, garages, etc.

91.100 Construction materials

* Including sustainability of construction materials

* Iron and steel products, see 77.140

* Products of non-ferrous metals, see 77.150

* Sawn timber, see 79.040

* Wood-based panels, see 79.060

* Glass, see 81.040.20

* Plastics products, see 83.140

91.100.01 *Construction materials in general*

91.100.10 *Cement. Gypsum. Lime. Mortar*

91.100.15 *Mineral materials and products*

* Including earth, sands, clay, slates, stones, etc.

91.100.23 *Ceramic tiles*

91.100.25 *Terracotta building products*

* Including roofing tiles, bricks, etc.

91.100.30 *Concrete and concrete products*

* Including admixtures

- 91.100.40** *Products in fibre-reinforced cement*
- 91.100.50** *Binders. Sealing materials*
 - * Including geomembranes, asphalts for buildings, etc.
- 91.100.60** *Thermal and sound insulating materials*
- 91.100.99** *Other construction materials*

91.120 Protection of and in buildings

- * Emergencies in buildings, see 13.200
- * Fire protection, see 13.220.20
- * Fire resistance of building materials and elements, see 13.220.50
- * Alarm and warning systems, see 13.320
- 91.120.01** *Protection of and in buildings in general*
- 91.120.10** *Thermal insulation of buildings*
 - * Including energy efficiency of buildings
 - * Energy efficiency in general, see 27.015
 - * Thermal insulation in general, see 27.220
 - * Thermal insulating materials, see 91.100.60
- 91.120.20** *Acoustics in building. Sound insulation*
 - * Acoustic measurements and noise abatement in general, see 17.140.01
 - * Sound insulating materials, see 91.100.60
- 91.120.25** *Seismic and vibration protection*
 - * Vibrations and vibration measurements, see 17.160
- 91.120.30** *Waterproofing*
 - * Sealing materials, see 91.100.50
- 91.120.40** *Lightning protection*
- 91.120.99** *Other standards related to protection of and in buildings*

91.140 Installations in buildings

- * Burners and boilers for industrial purposes, see 27.060
- * Heat pumps, see 27.080
- 91.140.01** *Installations in buildings in general*
- 91.140.10** *Central heating systems*
 - * Including burners and boilers for central heating systems
 - * Heating appliances, see 97.100
 - * Pipelines and its parts for district heat, see 23.040.07
- 91.140.30** *Ventilation and air-conditioning systems*
 - * Including ventilation ducts
 - * Ventilators and air-conditioners, see 23.120
- 91.140.40** *Gas supply systems*
 - * Including gas meters in buildings
- 91.140.50** *Electricity supply systems*

* Including electric energy meters in buildings, emergency electrical supplies, etc.

91.140.60 *Water supply systems*

* Including water meters in buildings

* External water conveyance systems, see **93.025**

* Pipelines and its parts for external water conveyance systems, see **23.040.03**

91.140.65 *Water heating equipment*

91.140.70 *Sanitary installations*

* Including bidets, kitchen sinks, baths, waste chutes, etc.

91.140.80 *Drainage systems*

* Sewage water disposal and treatment, see **13.060.30**

* Drainage systems for rainwater, see **91.060.20**

* External sewage systems, see **93.030**

91.140.90 *Lifts. Escalators*

91.140.99 *Other installations in buildings*

91.160 Lighting

* Including oil and gas lamps

* Theatre, stage and studio lighting equipment, see **97.200.10**

91.160.01 *Lighting in general*

91.160.10 *Interior lighting*

* Including workplace lighting, emergency and safety lighting

91.160.20 *Exterior building lighting*

* Including flood lighting

* Street lighting and related equipment, see **93.080.40**

91.180 Interior finishing

* Paint coating processes, see **87.020**

91.190 Building accessories

* Including locks, buzzers, bells, bolts, door and window hardware, etc.

91.200 Construction technology

* Including measuring methods, construction sites, demolition of structures, etc.

91.220 Construction equipment

* Including scaffolding, mixers for concrete and mortar, etc.

* Lifting equipment, see **53.020**

* Earth-moving machinery, see **53.100**

93

CIVIL ENGINEERING

93.010 Civil engineering in general

* Construction drawings, see 01.100.30

93.020 Earthworks. Excavations. Foundation construction. Underground works

* Including geotechnics

* Earth-moving machinery, see 53.100

93.025 External water conveyance systems

* Including buried and above ground installations

* Internal water supply systems, see 91.140.60

* Pipelines and its parts for external water conveyance systems, see 23.040.03

93.030 External sewage systems

* Sewage water disposal and treatment, see 13.060.30

* Internal drainage systems, see 91.140.80

* Pipelines and its parts for external sewage systems, see 23.040.05

93.040 Bridge construction

93.060 Tunnel construction

93.080 Road engineering

93.080.01 *Road engineering in general*

93.080.10 *Road construction*

* Including road maintenance equipment and road construction equipment

93.080.20 *Road construction materials*

* Including asphalts, road pavements, etc.

93.080.30 *Road equipment and installations*

* Including road traffic warning and control systems, devices and installations (speed controls, traffic signal installations, vehicle loop detectors, pavement markers, manholes, etc.)

93.080.40 *Street lighting and related equipment*

93.080.99 *Other standards related to road engineering*

93.100 Construction of railways

* Including the construction of tramways, funicular railways, cableways, rail traffic control equipment and installations, etc.

* Rails and railway components, including track, see **45.080**

* Equipment for railway/cableway construction and maintenance, see **45.120**

93.110 Construction of ropeway

* Ropeway equipment, see **45.100**

* Equipment for ropeway construction and maintenance, see **45.120**

93.120 Construction of airports

* Including air transport control equipment and installations

93.140 Construction of waterways, ports and dykes

* Including river embankments, water transport control equipment and installations, etc.

93.160 Hydraulic construction

* Hydraulic energy equipment, see **27.140**

95

MILITARY AFFAIRS. MILITARY ENGINEERING. WEAPONS

95.020 Military in general

* Including defense procurement, defense standardization etc.

* Military clothing, see 61.020

95.040 Military engineering

95.060 Weapons

97

DOMESTIC AND COMMERCIAL EQUIPMENT. ENTERTAINMENT. SPORTS

97.020 Home economics in general

- * Including consumer information
- * Washing, cleaning and removal services, see 03.080.30
- * Ventilators, air-conditioners, see 23.120
- * Hand-held electric tools, see 25.140.20
- * Household electronic appliances, see 33.160
- * Clocks and watches, see 39.040
- * Household sewing machines, see 61.080

97.030 Domestic electrical appliances in general

- * Including water-bed heaters and electric blankets

97.040 Kitchen equipment

97.040.01 *Kitchen equipment in general*

97.040.10 *Kitchen furniture*

- * Kitchen sinks, see 91.140.70

97.040.20 *Cooking ranges, working tables, ovens and similar appliances*

- * Including microwave ovens and stove hoods

97.040.30 *Domestic refrigerating appliances*

- * Refrigerating technology, see 27.200
- * Refrigerated display cabinets and cold rooms, see 97.130.20

97.040.40 *Dishwashers*

97.040.50 *Small kitchen appliances*

- * Including food waste disposal units

97.040.60 *Cookware, cutlery and flatware*

- * Including table cutlery and table ware

97.040.99 *Other kitchen equipment*

97.060 Laundry appliances

- * Including washing-machines, dry-cleaners, driers, ironing and pressing appliances, etc.

97.080 Cleaning appliances

* Including vacuum cleaners, floor-cleaning machines, floor polishers, steam cleaners, pressure cleaners, hand operated cleaners, etc.

97.100 Domestic, commercial and industrial heating appliances

* Including thermal storage room heating appliances

* Burners and boilers, see 27.060

* Central heating systems, see 91.140.10

97.100.01 *Heating appliances in general*

97.100.10 *Electric heaters*

97.100.20 *Gas heaters*

97.100.30 *Solid fuel heaters*

97.100.40 *Liquid fuel heaters*

97.100.99 *Heaters using other sources of energy*

97.120 Automatic controls for household use

97.130 Shop fittings

97.130.01 *Shop fittings in general*

97.130.10 *Shelving*

* Shelves for storage purposes, see 53.080

97.130.20 *Commercial refrigerating appliances*

* Including refrigerated display cabinets, cold rooms, etc.

97.130.30 *Trolleys for supermarket purposes*

* Including baskets

97.130.99 *Other shop fittings*

97.140 Furniture

* Including upholstery, mattresses, office furniture, school furniture, etc.

97.145 Ladders

97.150 Floor coverings

97.160 Home textiles. Linen

* Including duvets, blankets, bedding

* Electric blankets, see 97.030

97.170 Body care equipment

* Including hair-driers, razors, shavers, toothbrushes, massage appliances, radiation skin treatment appliances, etc.

97.180 Miscellaneous domestic and commercial equipment

* Including scissors, aquarium equipment, articles for domestic animals, battery chargers, mops, insect electrocutors, lighters, matches, paper clips, pens, pencils, etc.

97.190 Equipment for children

- * Including child safety requirements for other household equipment
- * Children's furniture, see 97.140
- * Playgrounds, see 97.200.40
- * Toys, see 97.200.50

97.195 Items of art and handicrafts. Cultural property and heritage

- * Including conservation of collections and equipment and materials for creating items of art and handicrafts

97.200 Equipment for entertainment

- * Audio and video systems, see 33.160
- * Photography, see 37.040
- * Cinematography, see 37.060

97.200.01 *Equipment for entertainment in general*

97.200.10 *Theatre, stage and studio equipment*

- * Including lighting equipment

97.200.20 *Musical instruments*

97.200.30 *Camping equipment and camp-sites*

- * Caravans, see 43.100

97.200.40 *Playgrounds*

- * Including amusement rides and devices

97.200.50 *Toys*

- * Including safety of toys

97.200.99 *Other equipment for entertainment*

97.220 Sports equipment and facilities

- * Motorcycles, see 43.140
- * Cycles, see 43.150
- * Leisure and tourism services, see 03.200

97.220.01 *Sports equipment and facilities in general*

97.220.10 *Sports facilities*

- * Including swimming-pools, spas, solaria, sports fields, running-tracks, spectator facilities for sports, etc.

97.220.20 *Winter sports equipment*

- * Including ice hockey, snowboard, and ski equipment

97.220.30 *Indoor sports equipment*

- * Including equipment for gymnastics, volleyball, basketball, handball, home sports trainers, etc.

97.220.40 *Outdoor and water sports equipment*

- * Including equipment for mountaineering, football, tennis, swimming, diving, etc.
- * Personal flotation devices (life jackets), see 13.340.70
- * Small craft, see 47.080
- * Recreational diving services, see 03.200.99

97.220.99 *Other sports equipment and facilities*

99
(NO TITLE)

*This field is reserved for internal miscellaneous purposes

ICS index

A

17.140.01	Abatement • Acoustic measurements and noise abatement in general
25.100.70	Abrasives • Abrasives
17.080	Acceleration • Measurement of time, velocity, acceleration, angular velocity
13.200	Accident • Accident and disaster control
47.020.80	Accommodation • Accommodation spaces
03.100.60	Accountancy • Accountancy
29.220.20	Acid • Acid secondary cells and batteries
71.060.30	Acids • Acids
71.080.40	Acids • Organic acids
17.140	Acoustic • Acoustics and acoustic measurements
17.140.01	Acoustic • Acoustic measurements and noise abatement in general
17.140	Acoustics • Acoustics and acoustic measurements
17.140.99	Acoustics • Other standards related to acoustics
91.120.20	Acoustics • Acoustics in building. Sound insulation
11.180.10	Adaptation • Aids and adaptation for moving
25.030	Additive • Additive manufacturing
67.220	Additives • Spices and condiments. Food additives
67.220.20	Additives • Food additives
83.040.30	Additives • Auxiliary materials and additives for plastics
49.025.50	Adhesives • Adhesives
83.180	Adhesives • Adhesives
01.040.03	Administration • Services. Company organization, management and quality. Administration. Transport. Sociology. (Vocabularies)
01.140.30	Administration • Documents in administration, commerce and industry
03	Administration • Services. Company organization, management and quality. Administration. Transport. Sociology
03.160	Administration • Law. Administration
81.060.30	Advanced • Advanced ceramics
03.200.10	Adventure • Adventure tourism
33.120.40	Aerials • Aerials
55.130	Aerosol • Aerosol containers
49.025	Aerospace • Materials for aerospace construction
49.025.01	Aerospace • Materials for aerospace construction in general
49.030	Aerospace • Fasteners for aerospace construction
49.035	Aerospace • Components for aerospace construction
49.040	Aerospace • Coatings and related processes used in aerospace industry

49.050	Aerospace • Aerospace engines and propulsion systems
49.060	Aerospace • Aerospace electric equipment and systems
49.080	Aerospace • Aerospace fluid systems and components
71.100.40	Agents • Surface active agents
65.040.20	Agricultural • Buildings and installations for processing and storage of agricultural produce
65.060	Agricultural • Agricultural machines, implements and equipment
65.060.01	Agricultural • Agricultural machines and equipment in general
65.060.10	Agricultural • Agricultural tractors and trailed vehicles
65.060.99	Agricultural • Other agricultural machines and equipment
83.160.30	Agricultural • Tyres for agricultural machinery
01.040.65	Agriculture • Agriculture (Vocabularies)
35.240.68	Agriculture • IT applications in agriculture
65	Agriculture • Agriculture
65.100	Agrochemicals • Pesticides and other agrochemicals
65.100.01	Agrochemicals • Pesticides and other agrochemicals in general
65.100.99	Agrochemicals • Other pesticides and agrochemicals
11.160	Aid • First aid
11.180	Aids • Aids for disabled or handicapped persons
11.180.01	Aids • Aids for disabled and handicapped persons in general
11.180.10	Aids • Aids and adaptation for moving
11.180.15	Aids • Aids for deaf and hearing impaired people
11.180.20	Aids • Aids for incontinence and ostomy
11.180.30	Aids • Aids for blind or partially sighted people
11.180.40	Aids • Aids for drinking and eating
11.180.99	Aids • Other standards related to aids for disabled and handicapped people
13.340.70	Aids • Lifejackets, buoyancy aids and flotation devices
03.220.50	Air • Air transport
13.040	Air • Air quality
13.040.01	Air • Air quality in general
13.040.99	Air • Other standards related to air quality
47.020.90	Air • Marine ventilation, air conditioning and heating systems
55.180.30	Air • Air mode containers, pallets and nets
23.120	Air-conditioners • Ventilators. Fans. Air-conditioners
73.100.20	Air-conditioning • Ventilation, air-conditioning and illumination equipment
91.140.30	Air-conditioning • Ventilation and air-conditioning systems
43.060.20	Air/exhaust • Pressure charging and air/exhaust gas ducting systems
01.040.49	Aircraft • Aircraft and space vehicle engineering (Vocabularies)
49	Aircraft • Aircraft and space vehicle engineering
49.020	Aircraft • Aircraft and space vehicles in general
83.160.20	Aircraft • Aircraft tyres
93.120	Airports • Construction of airports
13.320	Alarm • Alarm and warning systems
67.160.10	Alcoholic • Alcoholic beverages
71.080.60	Alcohols • Alcohols. Ethers
71.080.80	Aldehydes • Aldehydes and ketones
71.080.10	Aliphatic • Aliphatic hydrocarbons
29.220.30	Alkaline • Alkaline secondary cells and batteries
49.025.05	Alloys • Ferrous alloys in general
49.025.15	Alloys • Non-ferrous alloys in general

77.120.10	Alloys • Aluminium and aluminium alloys
77.120.20	Alloys • Magnesium and magnesium alloys
77.120.30	Alloys • Copper and copper alloys
77.120.40	Alloys • Nickel, chromium and their alloys
77.120.50	Alloys • Titanium and titanium alloys
77.120.60	Alloys • Lead, zinc, tin and their alloys
77.120.70	Alloys • Cadmium, cobalt and their alloys
77.120.99	Alloys • Other non-ferrous metals and their alloys
27.190	Alternative • Biological sources and alternative sources of energy
31.060.50	Aluminium • Aluminium electrolytic capacitors
49.025.20	Aluminium • Aluminium
71.100.10	Aluminium • Materials for aluminium production
73.060.40	Aluminium • Aluminium ores
77.120.10	Aluminium • Aluminium and aluminium alloys
77.150.10	Aluminium • Aluminium products
91.080.17	Aluminium • Aluminium structures
13.040.20	Ambient • Ambient atmospheres
33.160.10	Amplifiers • Amplifiers
33.180.30	Amplifiers • Optic amplifiers
11.040.10	Anaesthetic • Anaesthetic, respiratory and reanimation equipment
11.100.30	Analysis • Analysis of blood and urine
19.120	Analysis • Particle size analysis. Sieving
67.050	Analysis • General methods of tests and analysis for food products
67.240	Analysis • Sensory analysis
71.040.40	Analysis • Chemical analysis
71.040.50	Analysis • Physicochemical methods of analysis
77.040.30	Analysis • Chemical analysis of metals
71.040	Analytical • Analytical chemistry
71.040.01	Analytical • Analytical chemistry in general
71.040.99	Analytical • Other standards related to analytical chemistry
17.040	Angular • Linear and angular measurements
17.040.01	Angular • Linear and angular measurements in general
17.040.99	Angular • Other standards related to linear and angular measurements
17.080	Angular • Measurement of time, velocity, acceleration, angular velocity
71.080.50	Anhydrides • Anhydrides
65.020.30	Animal • Animal husbandry and breeding
65.120	Animal • Animal feeding stuffs
67.120	Animal • Meat, meat products and other animal produce
67.120.01	Animal • Animal produce in general
67.120.99	Animal • Other animal produce
67.200.10	Animal • Animal and vegetable fats and oils
71.100.45	Antifreezes • Refrigerants and antifreezes
11.080.20	Antiseptics • Disinfectants and antiseptics
01.040.07	Applied • Natural and applied sciences (Vocabularies)
07	Applied • Natural and applied sciences
59.100.30	Aramide • Aramide materials
13.340.40	Arm • Hand and arm protection
71.080.15	Aromatic • Aromatic hydrocarbons
29.240.10	Arresters • Substations. Surge arresters

97.195	Art • Items of art and handicrafts. Cultural property and heritage
67.250	Articles • Materials and articles in contact with foodstuffs
21.080	Articulated • Hinges, eyelets and other articulated joints
23.040.70	Assemblies • Hoses and hose assemblies
23.040.80	Assemblies • Seals for pipe and hose assemblies
31.190	Assemblies • Electronic component assemblies
03.120.20	Assessment • Product and company certification. Conformity assessment
13.020.30	Assessment • Environmental impact assessment
03.120.10	Assurance • Quality management and quality assurance
07.040	Astronomy • Astronomy. Geodesy. Geography
13.040.20	Atmospheres • Ambient atmospheres
13.040.30	Atmospheres • Workplace atmospheres
29.260.20	Atmospheres • Electrical apparatus for explosive atmospheres
01.040.33	Audio • Telecommunications. Audio and video engineering (Vocabularies)
33	Audio • Telecommunications. Audio and video engineering
33.160	Audio • Audio, video and audiovisual engineering
33.160.01	Audio • Audio, video and audiovisual systems in general
33.160.30	Audio • Audio systems
33.160.99	Audio • Other audio, video and audiovisual equipment
35.040.40	Audio • Coding of audio, video, multimedia and hypermedia information
33.160	Audiovisual • Audio, video and audiovisual engineering
33.160.01	Audiovisual • Audio, video and audiovisual systems in general
33.160.99	Audiovisual • Other audio, video and audiovisual equipment
35.040.50	Automatic • Automatic identification and data capture techniques
97.120	Automatic • Automatic controls for household use
25.040	Automation • Industrial automation systems
25.040.01	Automation • Industrial automation systems in general
25.040.99	Automation • Other industrial automation systems

B

55.080	Bags • Sacks. Bags
21.120.40	Balancing • Balancing and balancing machines
23.060.20	Ball • Ball and plug valves
03.060	Banking • Finances. Banking. Monetary systems. Insurance
35.240.40	Banking • IT applications in banking
55.140	Barrels • Barrels. Drums. Canisters
77.140.60	Bars • Steel bars and rods
71.060.40	Bases • Bases
29.220	Batteries • Galvanic cells and batteries
29.220.01	Batteries • Galvanic cells and batteries in general
29.220.10	Batteries • Primary cells and batteries
29.220.20	Batteries • Acid secondary cells and batteries
29.220.30	Batteries • Alkaline secondary cells and batteries
29.220.99	Batteries • Other cells and batteries

21.100	Bearings • Bearings
21.100.01	Bearings • Bearings in general
21.100.10	Bearings • Plain bearings
21.100.20	Bearings • Rolling bearings
65.140	Beekeeping • Beekeeping
13.220.40	Behaviour • Ignitability and burning behaviour of materials and products
13.140	Beings • Noise with respect to human beings
13.160	Beings • Vibration and shock with respect to human beings
21.220.10	Belt • Belt drives and their components
67.160	Beverages • Beverages
67.160.01	Beverages • Beverages in general
67.160.10	Beverages • Alcoholic beverages
67.160.20	Beverages • Non-alcoholic beverages
87.060.20	Binders • Binders
91.100.50	Binders • Binders. Sealing materials
13.020.55	Biobased • Biobased products
75.160.40	Biofuels • Biofuels
11.100.20	Biological • Biological evaluation of medical devices
13.060.70	Biological • Examination of biological properties of water
13.080.30	Biological • Biological properties of soils
27.190	Biological • Biological sources and alternative sources of energy
07.080	Biology • Biology. Botany. Zoology
35.240.15	Biometrics • Identification cards. Chip cards. Biometrics
11.200	Birth • Birth control. Mechanical contraceptives
75.140	Bituminous • Waxes, bituminous materials and other petroleum products
11.180.30	Blind • Aids for blind or partially sighted people
43.060.10	Block • Engine block and internal components
11.100.30	Blood • Analysis of blood and urine
29.035.10	Board • Paper and board insulating materials
43.040.15	Board • Car informatics. On board computer systems
85.060	Board • Paper and board
31.180	Boards • Printed circuits and boards
79.060.20	Boards • Fibre and particle boards
55.060	Bobbins • Spools. Bobbins
43.040.60	Bodies • Bodies and body components
43.040.60	Body • Bodies and body components
97.170	Body • Body care equipment
27.060	Boilers • Burners. Boilers
27.060.01	Boilers • Burners and boilers in general
27.060.30	Boilers • Boilers and heat exchangers
21.060.10	Bolts • Bolts, screws, studs
49.030.20	Bolts • Bolts, screws, studs
25.080.20	Boring • Boring and milling machines
07.080	Botany • Biology. Botany. Zoology
55.100	Bottles • Bottles. Pots. Jars
55.160	Boxes • Cases. Boxes. Crates
43.040.40	Braking • Braking systems
25.160	Brazing • Welding, brazing and soldering
25.160.01	Brazing • Welding, brazing and soldering in general

25.160.50	Brazing • Brazing and soldering
65.020.30	Breeding • Animal husbandry and breeding
65.150	Breeding • Fishing and fish breeding
93.040	Bridge • Bridge construction
25.080.30	Broaching • Broaching machines
25.100.25	Broaching • Tools for planing and broaching machines
33.170	Broadcasting • Television and radio broadcasting
01.040.91	Building • Construction materials and building (Vocabularies)
13.220.50	Building • Fire-resistance of building materials and elements
35.240.67	Building • IT applications in building and construction industry
81.040.20	Building • Glass in building
91	Building • Construction materials and building
91.100.25	Building • Terracotta building products
91.120.20	Building • Acoustics in building, Sound insulation
91.160.20	Building • Exterior building lighting
91.190	Building • Building accessories
65.040	Buildings • Farm buildings, structures and installations
65.040.01	Buildings • Farm buildings and installations in general
65.040.10	Buildings • Livestock buildings, installations and equipment
65.040.20	Buildings • Buildings and installations for processing and storage of agricultural produce
65.040.99	Buildings • Other standards related to farm buildings and installations
91.040	Buildings • Buildings
91.040.01	Buildings • Buildings in general
91.040.10	Buildings • Public buildings
91.040.20	Buildings • Buildings for commerce and industry
91.040.30	Buildings • Residential buildings
91.040.99	Buildings • Other buildings
91.060	Buildings • Elements of buildings
91.060.01	Buildings • Elements of buildings in general
91.060.99	Buildings • Other elements of buildings
91.080	Buildings • Structures of buildings
91.080.01	Buildings • Structures of buildings in general
91.120	Buildings • Protection of and in buildings
91.120.01	Buildings • Protection of and in buildings in general
91.120.10	Buildings • Thermal insulation of buildings
91.120.99	Buildings • Other standards related to protection of and in buildings
91.140	Buildings • Installations in buildings
91.140.01	Buildings • Installations in buildings in general
91.140.99	Buildings • Other installations in buildings
13.340.70	Buoyancy • Lifejackets, buoyancy aids and flotation devices
27.060	Burners • Burners. Boilers
27.060.01	Burners • Burners and boilers in general
27.060.10	Burners • Liquid and solid fuel burners
27.060.20	Burners • Gas fuel burners
13.220.40	Burning • Ignitability and burning behaviour of materials and products
43.080.20	Buses • Buses
21.060.60	Bushes • Rings, bushes, sleeves, collars
29.080.20	Bushings • Bushings
67.100.20	Butter • Butter

C

49.095	Cabin • Passenger and cabin equipment
21.220.20	Cable • Cable or rope drives and their components
33.060.40	Cabled • Cabled distribution systems
29.060	Cables • Electrical wires and cables
29.060.01	Cables • Electrical wires and cables in general
29.060.20	Cables • Cables
33.120.10	Cables • Coaxial cables. Waveguides
33.120.20	Cables • Wires and symmetrical cables
33.180.10	Cables • Fibres and cables
45.100	Cableway • Cableway equipment
35.240.10	Cad • Computer-aided design (CAD)
77.120.70	Cadmium • Cadmium, cobalt and their alloys
77.150.70	Cadmium • Cadmium and cobalt products
17.200.10	Calorimetry • Heat. Calorimetry
97.200.30	Camp-sites • Camping equipment and camp-sites
97.200.30	Camping • Camping equipment and camp-sites
55.140	Canisters • Barrels. Drums. Canisters
55.120	Cans • Cans. Tins. Tubes
31.060	Capacitors • Capacitors
31.060.01	Capacitors • Capacitors in general
31.060.10	Capacitors • Fixed capacitors
31.060.20	Capacitors • Ceramic and mica capacitors
31.060.30	Capacitors • Paper and plastics capacitors
31.060.40	Capacitors • Tantalum electrolytic capacitors
31.060.50	Capacitors • Aluminium electrolytic capacitors
31.060.60	Capacitors • Variable capacitors
31.060.70	Capacitors • Power capacitors
31.060.99	Capacitors • Other capacitors
29.140.10	Caps • Lamp caps and holders
35.040.50	Capture • Automatic identification and data capture techniques
43.040.15	Car • Car informatics. On board computer systems
43.100	Caravans • Passenger cars. Caravans and light trailers
59.100.20	Carbon • Carbon materials
85.080.30	Cardboard • Cardboard
35.220.10	Cards • Paper cards and tapes
35.240.15	Cards • Identification cards. Chip cards. Biometrics
01.040.11	Care • Health care technology (Vocabularies)
11	Care • Health care technology
11.020	Care • Medical sciences and health care facilities in general
11.020.01	Care • Quality and environmental management in health care
11.020.10	Care • Health care services in general
11.020.99	Care • Other standards related to health care in general

35.240.80	Care • IT applications in health care technology
65.060.40	Care • Plant care equipment
97.170	Care • Body care equipment
47.020.40	Cargo • Lifting and cargo handling equipment
47.020.85	Cargo • Cargo spaces
49.120	Cargo • Cargo equipment
43.100	Cars • Passenger cars. Caravans and light trailers
35.220.23	Cartridges • Cassettes and cartridges for magnetic tapes
37.040.20	Cartridges • Photographic paper, films and plates. Cartridges
37.060.20	Cartridges • Motion picture films. Cartridges
55.160	Cases • Cases. Boxes. Crates
35.220.23	Cassettes • Cassettes and cartridges for magnetic tapes
77.140.80	Castings • Iron and steel castings
11.040.25	Catheters • Syringes, needles and catheters
91.060.30	Ceilings • Ceilings. Floors. Stairs
27.070	Cells • Fuel cells
29.220	Cells • Galvanic cells and batteries
29.220.01	Cells • Galvanic cells and batteries in general
29.220.10	Cells • Primary cells and batteries
29.220.20	Cells • Acid secondary cells and batteries
29.220.30	Cells • Alkaline secondary cells and batteries
29.220.99	Cells • Other cells and batteries
83.100	Cellular • Cellular materials
91.100.10	Cement • Cement. Gypsum. Lime. Mortar
91.100.40	Cement • Products in fibre-reinforced cement
91.140.10	Central • Central heating systems
25.040.10	Centres • Machining centres
29.035.30	Ceramic • Glass and ceramic insulating materials
31.060.20	Ceramic • Ceramic and mica capacitors
81.060.20	Ceramic • Ceramic products
91.100.23	Ceramic • Ceramic tiles
01.040.81	Ceramics • Glass and ceramics industries (Vocabularies)
81	Ceramics • Glass and ceramics industries
81.020	Ceramics • Processes in the glass and ceramics industries
81.060	Ceramics • Ceramics
81.060.01	Ceramics • Ceramics in general
81.060.30	Ceramics • Advanced ceramics
81.060.99	Ceramics • Other standards related to ceramics
81.100	Ceramics • Equipment for the glass and ceramics industries
67.060	Cereals • Cereals, pulses and derived products
03.120.20	Certification • Product and company certification. Conformity assessment
21.220.30	Chain • Chain drives and their components
77.140.65	Chains • Steel wire, wire ropes and link chains
17.120.20	Channels • Flow in open channels
01.075	Character • Character symbols
35.040.10	Character • Coding of character sets
43.060.20	Charging • Pressure charging and air/exhaust gas ducting systems
01.080.40	Charts • Graphical symbols for use on electrical and electronics engineering drawings, diagrams, charts and in relevant technical product documentation

23.060.50	Check • Check valves
67.100.30	Cheese • Cheese
37.040.30	Chemicals • Photographic chemicals
71.060	Chemicals • Inorganic chemicals
71.060.01	Chemicals • Inorganic chemicals in general
71.060.99	Chemicals • Other inorganic chemicals
71.080	Chemicals • Organic chemicals
71.080.01	Chemicals • Organic chemicals in general
71.080.99	Chemicals • Other organic chemicals
71.100.35	Chemicals • Chemicals for industrial and domestic disinfection purposes
71.100.50	Chemicals • Wood-protecting chemicals
71.100.80	Chemicals • Chemicals for purification of water
07.030	Chemistry • Physics. Chemistry
71.040	Chemistry • Analytical chemistry
71.040.01	Chemistry • Analytical chemistry in general
71.040.99	Chemistry • Other standards related to analytical chemistry
97.190	Children • Equipment for children
91.060.40	Chimneys • Chimneys, shafts, ducts
35.240.15	Chip • Identification cards. Chip cards. Biometrics
25.120	Chipless • Chipless working equipment
25.120.01	Chipless • Chipless working equipment in general
25.120.99	Chipless • Other chipless working equipment
67.190	Chocolate • Chocolate
73.060.30	Chromium • Chromium ores
77.120.40	Chromium • Nickel, chromium and their alloys
77.150.40	Chromium • Nickel and chromium products
37.060	Cinematography • Cinematography
37.060.01	Cinematography • Cinematography in general
37.060.99	Cinematography • Other standards related to cinematography
31.180	Circuits • Printed circuits and boards
31.200	Circuits • Integrated circuits. Microelectronics
33.040.50	Circuits • Lines, connections and circuits
01.040.93	Civil • Civil engineering (Vocabularies)
93	Civil • Civil engineering
93.010	Civil • Civil engineering in general
21.060.70	Clamps • Clamps and staples
97.080	Cleaning • Cleaning appliances
13.040.35	Cleanrooms • Cleanrooms and associated controlled environments
39.040.20	Clocks • Clocks
17.120.10	Closed • Flow in closed conduits
61.020	Clothes • Clothes
01.040.61	Clothing • Clothing industry (Vocabularies)
13.340.10	Clothing • Protective clothing
61	Clothing • Clothing industry
61.040	Clothing • Headgear. Clothing accessories. Fastening of clothing
61.080	Clothing • Sewing machines and other equipment for the clothing industry
35.210	Cloud • Cloud computing
73.040	Coals • Coals
59.080.40	Coated • Coated fabrics

25.220	Coating • Surface treatment and coating
25.220.01	Coating • Surface treatment and coating in general
87.020	Coating • Paint coating processes
87.100	Coating • Paint coating equipment
25.220.40	Coatings • Metallic coatings
25.220.60	Coatings • Organic coatings
25.220.99	Coatings • Other treatments and coatings
49.040	Coatings • Coatings and related processes used in aerospace industry
33.120.10	Coaxial • Coaxial cables. Waveguides
77.120.70	Cobalt • Cadmium, cobalt and their alloys
77.150.70	Cobalt • Cadmium and cobalt products
67.140	Cocoa • Tea. Coffee. Cocoa
67.140.30	Cocoa • Cocoa
01.070	Coding • Colour coding
35.040	Coding • Information coding
35.040.01	Coding • Information coding in general
35.040.10	Coding • Coding of character sets
35.040.30	Coding • Coding of graphical and photographic information
35.040.40	Coding • Coding of audio, video, multimedia and hypermedia information
35.040.99	Coding • Other standards related to information coding
67.140	Coffee • Tea. Coffee. Cocoa
67.140.20	Coffee • Coffee and coffee substitutes
21.060.60	Collars • Rings, bushes, sleeves, collars
01.040.87	Colour • Paint and colour industries (Vocabularies)
01.070	Colour • Colour coding
87	Colour • Paint and colour industries
17.180.20	Colours • Colours and measurement of light
71.120.20	Columns • Columns
27.020	Combustion • Internal combustion engines
43.060	Combustion • Internal combustion engines for road vehicles
43.060.01	Combustion • Internal combustion engines for road vehicles in general
43.060.99	Combustion • Other components and systems of internal combustion engines
01.140.30	Commerce • Documents in administration, commerce and industry
91.040.20	Commerce • Buildings for commerce and industry
01.040.97	Commercial • Domestic and commercial equipment. Entertainment. Sports (Vocabularies)
03.100.20	Commercial • Trade. Commercial function. Marketing
43.080	Commercial • Commercial vehicles
43.080.01	Commercial • Commercial vehicles in general
43.080.99	Commercial • Other commercial vehicles
97	Commercial • Domestic and commercial equipment. Entertainment. Sports
97.100	Commercial • Domestic, commercial and industrial heating appliances
97.130.20	Commercial • Commercial refrigerating appliances
97.180	Commercial • Miscellaneous domestic and commercial equipment
33.040.40	Communication • Data communication networks
33.070.50	Communication • Global System for Mobile Communication (GSM)
33.060.30	Communications • Radio relay and fixed satellite communications systems
33.180	Communications • Fibre optic communications
03.080.20	Companies • Services for companies

01.040.03	Company • Services. Company organization, management and quality. Administration. Transport. Sociology. (Vocabularies)
03	Company • Services. Company organization, management and quality. Administration. Transport. Sociology
03.100	Company • Company organization and management. Management systems
03.100.01	Company • Company organization and management in general
03.100.99	Company • Other standards related to company organization and management
03.120.20	Company • Product and company certification. Conformity assessment
33.100	Compatibility • Electromagnetic compatibility (EMC)
33.100.01	Compatibility • Electromagnetic compatibility in general
59.100	Composites • Materials for the reinforcement of composites
59.100.01	Composites • Materials for the reinforcement of composites in general
59.100.99	Composites • Other materials for the reinforcement of composites
83.040.20	Compounding • Rubber compounding ingredients
71.080.30	Compounds • Organic nitrogen compounds
11.120.20	Compresses • Wound dressings and compresses
23.140	Compressors • Compressors and pneumatic machines
35.140	Computer • Computer graphics
43.040.15	Computer • Car informatics. On board computer systems
35.240.10	Computer-aided • Computer-aided design (CAD)
35.210	Computing • Cloud computing
73.060	Concentrates • Metalliferous minerals and their concentrates
77.140.15	Concrete • Steels for reinforcement of concrete
91.080.40	Concrete • Concrete structures
91.100.30	Concrete • Concrete and concrete products
67.220	Condiments • Spices and condiments. Food additives
67.220.10	Condiments • Spices and condiments
47.020.90	Conditioning • Marine ventilation, air conditioning and heating systems
19.020	Conditions • Test conditions and procedures in general
29.260	Conditions • Electrical equipment for working in special conditions
29.260.01	Conditions • Electrical equipment for working in special conditions in general
29.260.99	Conditions • Other electrical equipment for working in special conditions
29.050	Conducting • Superconductivity and conducting materials
17.120.10	Conduits • Flow in closed conduits
29.120.10	Conduits • Conduits for electrical purposes
67.100.40	Confectionery • Ice cream and ice confectionery
03.120.20	Conformity • Product and company certification. Conformity assessment
29.120.20	Connecting • Connecting devices
33.040.50	Connections • Lines, connections and circuits
31.220.10	Connectors • Plug-and-socket devices. Connectors
33.120.30	Connectors • RF connectors
13.020.40	Conservation • Pollution, pollution control and conservation
27.015	Conservation • Energy efficiency. Energy conservation in general
01.040.91	Construction • Construction materials and building (Vocabularies)
01.080.30	Construction • Graphical symbols for use on mechanical engineering and construction drawings, diagrams, plans, maps and in relevant technical product documentation
01.100.30	Construction • Construction drawings
35.240.67	Construction • IT applications in building and construction industry
45.120	Construction • Equipment for railway/cableway construction and maintenance

49.025	Construction • Materials for aerospace construction
49.025.01	Construction • Materials for aerospace construction in general
49.030	Construction • Fasteners for aerospace construction
49.035	Construction • Components for aerospace construction
91	Construction • Construction materials and building
91.010	Construction • Construction industry
91.010.01	Construction • Construction industry in general
91.100	Construction • Construction materials
91.100.01	Construction • Construction materials in general
91.100.99	Construction • Other construction materials
91.200	Construction • Construction technology
91.220	Construction • Construction equipment
93.020	Construction • Earthworks. Excavations. Foundation construction. Underground works
93.040	Construction • Bridge construction
93.060	Construction • Tunnel construction
93.080.10	Construction • Road construction
93.080.20	Construction • Road construction materials
93.100	Construction • Construction of railways
93.110	Construction • Construction of ropeways
93.120	Construction • Construction of airports
93.140	Construction • Construction of waterways, ports and dykes
93.160	Construction • Hydraulic construction
25.160.20	Consumables • Welding consumables
03.080.30	Consumers • Services for consumers
67.250	Contact • Materials and articles in contact with foodstuffs
23.020.10	Containers • Stationary containers and tanks
23.020.20	Containers • Vessels and containers mounted on vehicles
55.130	Containers • Aerosol containers
55.180.10	Containers • General purpose containers
55.180.30	Containers • Air mode containers, pallets and nets
23.100.60	Contamination • Filters, seals and contamination of fluids
53.040	Continuous • Continuous handling equipment
53.040.01	Continuous • Continuous handling equipment in general
53.040.99	Continuous • Other continuous handling equipment
11.200	Contraceptives • Birth control. Mechanical contraceptives
91.010.20	Contractual • Contractual aspects
11.200	Control • Birth control. Mechanical contraceptives
13.020.40	Control • Pollution, pollution control and conservation
13.200	Control • Accident and disaster control
23.100.50	Control • Control components
25.040.40	Control • Industrial process measurement and control
29.240.30	Control • Control equipment for electric power systems
43.040.30	Control • Indicating and control devices
43.060.50	Control • Electrical and electronic equipment. Control systems
47.020.70	Control • Navigation and control equipment
29.130	Controlgear • Switchgear and controlgear
29.130.01	Controlgear • Switchgear and controlgear in general
29.130.10	Controlgear • High voltage switchgear and controlgear
29.130.20	Controlgear • Low voltage switchgear and controlgear

29.130.99	Controlgear • Other switchgear and controlgear
13.040.35	Controlled • Cleanrooms and associated controlled environments
25.040.20	Controlled • Numerically controlled machines
97.120	Controls • Automatic controls for household use
29.200	Converters • Rectifiers. Converters. Stabilized power supply
23.040.03	Conveyance • Pipelines and its parts for external water conveyance systems
93.025	Conveyance • External water conveyance systems
53.040.10	Conveyors • Conveyors
53.040.20	Conveyors • Components for conveyors
97.040.20	Cooking • Cooking ranges, working tables, ovens and similar appliances
97.040.60	Cookware • Cookware, cutlery and flatware
43.060.30	Cooling • Cooling systems. Lubricating systems
01.020	Coordination • Terminology (principles and coordination)
77.120.30	Copper • Copper and copper alloys
77.150.30	Copper • Copper products
33.070.30	Cordless • Digital Enhanced Cordless Telecommunications (DECT)
79.100	Cork • Cork and cork products
77.060	Corrosion • Corrosion of metals
07.100.40	Cosmetics • Cosmetics microbiology
71.100.70	Cosmetics • Cosmetics. Toiletries
25.100.30	Countersinks • Drills, countersinks, reamers
29.120.30	Couplers • Plugs, socket-outlets, couplers
21.120	Couplings • Shafts and couplings
21.120.01	Couplings • Shafts and couplings in general
21.120.20	Couplings • Couplings
21.120.99	Couplings • Other standards related to shafts and couplings
23.040.60	Couplings • Flanges, couplings and joints
23.100.40	Couplings • Piping and couplings
43.040.70	Couplings • Couplings
97.150	Coverings • Floor coverings
47.080	Craft • Small craft
53.020.20	Cranes • Cranes
43.040.80	Crash • Crash protection and restraint systems
55.160	Crates • Cases. Boxes. Crates
67.100.40	Cream • Ice cream and ice confectionery
13.310	Crime • Protection against crime
75.040	Crude • Crude petroleum
23.020.40	Cryogenic • Cryogenic vessels
97.195	Cultural • Items of art and handicrafts. Cultural property and heritage
97.040.60	Cutlery • Cookware, cutlery and flatware
25.100	Cutting • Cutting tools
25.100.01	Cutting • Cutting tools in general
25.100.99	Cutting • Other cutting tools
43.150	Cycles • Cycles
23.020.35	Cylinders • Gas cylinders
23.100.20	Cylinders • Cylinders

D

13.300	Dangerous • Protection against dangerous goods
33.040.40	Data • Data communication networks
35.040.50	Data • Automatic identification and data capture techniques
35.100.20	Data • Data link layer
35.220	Data • Data storage devices
35.220.01	Data • Data storage devices in general
35.220.99	Data • Other data storage devices
11.180.15	Deaf • Aids for deaf and hearing impaired people
47.020.50	Deck • Deck equipment and installations
33.070.30	Dect • Digital Enhanced Cordless Telecommunications (DECT)
03.020	Demography • Sociology. Demography
17.060	Density • Measurement of volume, mass, density, viscosity
11.060.10	Dental • Dental materials
11.060.15	Dental • Dental implants
11.060.20	Dental • Dental equipment
11.060.25	Dental • Dental instruments
11.060	Dentistry • Dentistry
11.060.01	Dentistry • Dentistry in general
21.020	Design • Characteristics and design of machines, apparatus, equipment
35.240.10	Design • Computer-aided design (CAD)
03.100.40	Development • Research and development
11.040.55	Diagnostic • Diagnostic equipment
11.100.10	Diagnostic • In vitro diagnostic test systems
43.180	Diagnostic • Diagnostic, maintenance and test equipment
01.080.30	Diagrams • Graphical symbols for use on mechanical engineering and construction drawings, diagrams, plans, maps and in relevant technical product documentation
01.080.40	Diagrams • Graphical symbols for use on electrical and electronics engineering drawings, diagrams, charts and in relevant technical product documentation
25.100.50	Dies • Taps and threading dies
33.070.30	Digital • Digital Enhanced Cordless Telecommunications (DECT)
33.080	Digital • Integrated Services Digital Network (ISDN)
31.080.10	Diodes • Diodes
11.180	Disabled • Aids for disabled or handicapped persons
11.180.01	Disabled • Aids for disabled and handicapped persons in general
11.180.99	Disabled • Other standards related to aids for disabled and handicapped people
13.200	Disaster • Accident and disaster control
29.140.30	Discharge • Fluorescent lamps. Discharge lamps
97.040.40	Dishwashers • Dishwashers
11.080.20	Disinfectants • Disinfectants and antiseptics
11.080	Disinfection • Sterilization and disinfection
11.080.01	Disinfection • Sterilization and disinfection in general
11.080.99	Disinfection • Other standards related to sterilization and disinfection

71.100.35	Disinfection • Chemicals for industrial and domestic disinfection purposes
35.220.21	Disks • Magnetic disks
31.120	Display • Electronic display devices
13.030.40	Disposal • Installations and equipment for waste disposal and treatment
01.040.55	Distribution • Packaging and distribution of goods (Vocabularies)
29.240	Distribution • Power transmission and distribution networks
29.240.01	Distribution • Power transmission and distribution networks in general
29.240.20	Distribution • Power transmission and distribution lines
29.240.99	Distribution • Other equipment related to power transmission and distribution networks
33.060.40	Distribution • Cabled distribution systems
55	Distribution • Packaging and distribution of goods
55.020	Distribution • Packaging and distribution of goods in general
55.180	Distribution • Freight distribution of goods
55.180.01	Distribution • Freight distribution of goods in general
55.180.99	Distribution • Other standards related to freight distribution of goods
55.230	Distribution • Distribution and vending machines
65.060.25	Distribution • Equipment for storage, preparation and distribution of fertilizers
23.040.07	District • Pipelines and its parts for district heat
25.060.20	Dividing • Dividing and tool-workpiece holding devices
37.080	Document • Document imaging applications
01	Documentation • Generalities. Terminology. Standardization. Documentation
01.040.01	Documentation • Generalities. Terminology. Standardization. Documentation (Vocabularies)
01.080.30	Documentation • Graphical symbols for use on mechanical engineering and construction drawings, diagrams, plans, maps and in relevant technical product documentation
01.080.40	Documentation • Graphical symbols for use on electrical and electronics engineering drawings, diagrams, charts and in relevant technical product documentation
01.080.50	Documentation • Graphical symbols for use on information technology and telecommunications technical drawings and in relevant technical product documentation
01.110	Documentation • Technical product documentation
35.240.30	Documentation • IT applications in information, documentation and publishing
01.140.30	Documents • Documents in administration, commerce and industry
01.040.97	Domestic • Domestic and commercial equipment. Entertainment. Sports (Vocabularies)
13.120	Domestic • Domestic safety
71.100.35	Domestic • Chemicals for industrial and domestic disinfection purposes
97	Domestic • Domestic and commercial equipment. Entertainment. Sports
97.030	Domestic • Domestic electrical appliances in general
97.040.30	Domestic • Domestic refrigerating appliances
97.100	Domestic • Domestic, commercial and industrial heating appliances
97.180	Domestic • Miscellaneous domestic and commercial equipment
91.060.50	Doors • Doors and windows
65.060.35	Drainage • Irrigation and drainage equipment
91.140.80	Drainage • Drainage systems
01.100.40	Drawing • Drawing equipment
25.120.20	Drawing • Rolling, extruding and drawing equipment
01.080.30	Drawings • Graphical symbols for use on mechanical engineering and construction drawings, diagrams, plans, maps and in relevant technical product documentation
01.080.40	Drawings • Graphical symbols for use on electrical and electronics engineering drawings, diagrams, charts and in relevant technical product documentation

01.080.50	Drawings • Graphical symbols for use on information technology and telecommunications technical drawings and in relevant technical product documentation
01.100	Drawings • Technical drawings
01.100.01	Drawings • Technical drawings in general
01.100.20	Drawings • Mechanical engineering drawings
01.100.25	Drawings • Electrical and electronics engineering drawings
01.100.27	Drawings • Technical drawings for telecommunications and information technology fields
01.100.30	Drawings • Construction drawings
01.100.99	Drawings • Other standards related to technical drawings
11.120.20	Dressings • Wound dressings and compresses
25.080.40	Drilling • Drilling machines
73.100.30	Drilling • Equipment for drilling and mine excavation
75.180.10	Drilling • Exploratory, drilling and extraction equipment
25.100.30	Drills • Drills, countersinks, reamers
11.180.40	Drinking • Aids for drinking and eating
13.060.20	Drinking • Drinking water
21.220	Drives • Flexible drives and transmissions
21.220.01	Drives • Flexible drives and transmissions in general
21.220.10	Drives • Belt drives and their components
21.220.20	Drives • Cable or rope drives and their components
21.220.30	Drives • Chain drives and their components
21.220.99	Drives • Other flexible drives and transmissions
55.140	Drums • Barrels. Drums. Canisters
43.060.20	Ducting • Pressure charging and air/exhaust gas ducting systems
91.060.40	Ducts • Chimneys, shafts, ducts
59.120.50	Dyeing • Dyeing and finishing equipment
93.140	Dykes • Construction of waterways, ports and dykes

E

53.100	Earth-moving • Earth-moving machinery
93.020	Earthworks • Earthworks. Excavations. Foundation construction. Underground works
11.180.40	Eating • Aids for drinking and eating
13.020.50	Ecolabelling • Ecolabelling
13.020.20	Economics • Environmental economics. Sustainability
97.020	Economics • Home economics in general
67.200	Edible • Edible oils and fats. Oilseeds
03.180	Education • Education
35.240.90	Education • IT applications in education
27.015	Efficiency • Energy efficiency. Energy conservation in general
67.120.20	Eggs • Poultry and eggs
13.260	Electric • Protection against electric shock. Live working
25.140.20	Electric • Electric tools
25.180.10	Electric • Electric furnaces
29.100.20	Electric • Electric and electromechanical components

29.240.30	Electric • Control equipment for electric power systems
29.280	Electric • Electric traction equipment
31.160	Electric • Electric filters
43.120	Electric • Electric road vehicles
49.060	Electric • Aerospace electric equipment and systems
97.100.10	Electric • Electric heaters
01.040.29	Electrical • Electrical engineering (Vocabularies)
01.080.40	Electrical • Graphical symbols for use on electrical and electronics engineering drawings, diagrams, charts and in relevant technical product documentation
01.100.25	Electrical • Electrical and electronics engineering drawings
17.220	Electrical • Electricity. Magnetism. Electrical and magnetic measurements
17.220.20	Electrical • Measurement of electrical and magnetic quantities
19.080	Electrical • Electrical and electronic testing
29	Electrical • Electrical engineering
29.020	Electrical • Electrical engineering in general
29.060	Electrical • Electrical wires and cables
29.060.01	Electrical • Electrical wires and cables in general
29.080.01	Electrical • Electrical insulation in general
29.100	Electrical • Components for electrical equipment
29.100.01	Electrical • Components for electrical equipment in general
29.100.99	Electrical • Other components for electrical equipment
29.120	Electrical • Electrical accessories
29.120.01	Electrical • Electrical accessories in general
29.120.10	Electrical • Conduits for electrical purposes
29.120.99	Electrical • Other electrical accessories
29.260	Electrical • Electrical equipment for working in special conditions
29.260.01	Electrical • Electrical equipment for working in special conditions in general
29.260.10	Electrical • Electrical installations for outdoor use
29.260.20	Electrical • Electrical apparatus for explosive atmospheres
29.260.99	Electrical • Other electrical equipment for working in special conditions
43.040.10	Electrical • Electrical and electronic equipment
43.060.50	Electrical • Electrical and electronic equipment. Control systems
47.020.60	Electrical • Electrical equipment of ships and of marine structures
97.030	Electrical • Domestic electrical appliances in general
17.220	Electricity • Electricity. Magnetism. Electrical and magnetic measurements
17.220.01	Electricity • Electricity. Magnetism. General aspects
17.220.99	Electricity • Other standards related to electricity and magnetism
91.140.50	Electricity • Electricity supply systems
17.140.50	Electroacoustics • Electroacoustics
25.120.40	Electrochemical • Electrochemical machines
31.060.40	Electrolytic • Tantalum electrolytic capacitors
31.060.50	Electrolytic • Aluminium electrolytic capacitors
33.100	Electromagnetic • Electromagnetic compatibility (EMC)
33.100.01	Electromagnetic • Electromagnetic compatibility in general
29.100.20	Electromechanical • Electric and electromechanical components
31.220	Electromechanical • Electromechanical components for electronic and telecommunications equipment
31.220.01	Electromechanical • Electromechanical components in general
31.220.99	Electromechanical • Other electromechanical components
19.080	Electronic • Electrical and electronic testing

31.020	Electronic • Electronic components in general
31.100	Electronic • Electronic tubes
31.120	Electronic • Electronic display devices
31.190	Electronic • Electronic component assemblies
31.220	Electronic • Electromechanical components for electronic and telecommunications equipment
31.240	Electronic • Mechanical structures for electronic equipment
43.040.10	Electronic • Electrical and electronic equipment
43.060.50	Electronic • Electrical and electronic equipment. Control systems
01.040.31	Electronics • Electronics (Vocabularies)
01.080.40	Electronics • Graphical symbols for use on electrical and electronics engineering drawings, diagrams, charts and in relevant technical product documentation
01.100.25	Electronics • Electrical and electronics engineering drawings
31	Electronics • Electronics
33.100	Emc • Electromagnetic compatibility (EMC)
33.100.99	Emc • Other aspects related to EMC
33.100.10	Emission • Emission
13.040.40	Emissions • Stationary source emissions
13.040.50	Emissions • Transport exhaust emissions
03.040	Employment • Labour. Employment
25.220.50	Enamels • Enamels
21.180	Enclosures • Housings, enclosures, other machine parts
01.040.27	Energy • Energy and heat transfer engineering (Vocabularies)
27	Energy • Energy and heat transfer engineering
27.010	Energy • Energy and heat transfer engineering in general
27.015	Energy • Energy efficiency. Energy conservation in general
27.120	Energy • Nuclear energy engineering
27.120.01	Energy • Nuclear energy in general
27.120.99	Energy • Other standards related to nuclear energy
27.140	Energy • Hydraulic energy engineering
27.160	Energy • Solar energy engineering
27.180	Energy • Wind turbine energy systems
27.190	Energy • Biological sources and alternative sources of energy
97.100.99	Energy • Heaters using other sources of energy
43.060.10	Engine • Engine block and internal components
27.020	Engines • Internal combustion engines
27.040	Engines • Gas and steam turbines. Steam engines
43.060	Engines • Internal combustion engines for road vehicles
43.060.01	Engines • Internal combustion engines for road vehicles in general
43.060.99	Engines • Other components and systems of internal combustion engines
47.020.20	Engines • Marine engines and propulsion systems
49.050	Engines • Aerospace engines and propulsion systems
33.070.30	Enhanced • Digital Enhanced Cordless Telecommunications (DECT)
01.040.97	Entertainment • Domestic and commercial equipment. Entertainment. Sports (Vocabularies)
97	Entertainment • Domestic and commercial equipment. Entertainment. Sports
97.200	Entertainment • Equipment for entertainment
97.200.01	Entertainment • Equipment for entertainment in general
97.200.99	Entertainment • Other equipment for entertainment
01.040.13	Environment • Environment. Health protection. Safety (Vocabularies)
13	Environment • Environment. Health protection. Safety

13.020.01	Environment • Environment and environmental protection in general
11.020.01	Environmental • Quality and environmental management in health care
13.020	Environmental • Environmental protection
13.020.01	Environmental • Environment and environmental protection in general
13.020.10	Environmental • Environmental management
13.020.20	Environmental • Environmental economics. Sustainability
13.020.30	Environmental • Environmental impact assessment
13.020.70	Environmental • Environmental projects
13.020.99	Environmental • Other standards related to environmental protection
19.040	Environmental • Environmental testing
13.040.35	Environments • Cleanrooms and associated controlled environments
13.180	Ergonomics • Ergonomics
91.140.90	Escalators • Lifts. Escalators
71.100.60	Essential • Essential oils
71.080.70	Esters • Esters
71.080.60	Ethers • Alcohols. Ethers
03.100.02	Ethics • Governance and ethics
11.100.20	Evaluation • Biological evaluation of medical devices
73.100.30	Excavation • Equipment for drilling and mine excavation
93.020	Excavations • Earthworks. Excavations. Foundation construction. Underground works
27.060.30	Exchangers • Boilers and heat exchangers
71.120.30	Exchangers • Heat exchangers
13.040.50	Exhaust • Transport exhaust emissions
75.180.10	Exploratory • Exploratory, drilling and extraction equipment
13.230	Explosion • Explosion protection
29.260.20	Explosive • Electrical apparatus for explosive atmospheres
71.100.30	Explosives • Explosives. Pyrotechnics and fireworks
87.060.10	Extenders • Pigments and extenders
91.160.20	Exterior • Exterior building lighting
75.020	Extraction • Extraction and processing of petroleum and natural gas
75.180.10	Extraction • Exploratory, drilling and extraction equipment
25.120.20	Extruding • Rolling, extruding and drawing equipment
21.080	Eyelets • Hinges, eyelets and other articulated joints

F

29.035.60	Fabrics • Varnished fabrics
59.080.30	Fabrics • Textile fabrics
59.080.40	Fabrics • Coated fabrics
13.340.60	Falling • Protection against falling and slipping
23.120	Fans • Ventilators. Fans. Air-conditioners
65.040	Farm • Farm buildings, structures and installations
65.040.01	Farm • Farm buildings and installations in general
65.040.99	Farm • Other standards related to farm buildings and installations
65.020	Farming • Farming and forestry

65.020.01	Farming • Farming and forestry in general
65.020.99	Farming • Other standards related to farming and forestry
21.060	Fasteners • Fasteners
21.060.01	Fasteners • Fasteners in general
21.060.99	Fasteners • Other fasteners
49.030	Fasteners • Fasteners for aerospace construction
49.030.01	Fasteners • Fasteners in general
49.030.99	Fasteners • Other fasteners
61.040	Fastening • Headgear. Clothing accessories. Fastening of clothing
67.200	Fats • Edible oils and fats. Oilseeds
67.200.10	Fats • Animal and vegetable fats and oils
91.060.10	Façades • Walls. Partitions. Façades
65.120	Feeding • Animal feeding stuffs
77.100	Ferroalloys • Ferroalloys
49.025.05	Ferrous • Ferrous alloys in general
77.080	Ferrous • Ferrous metals
77.080.01	Ferrous • Ferrous metals in general
65.060.25	Fertilizers • Equipment for storage, preparation and distribution of fertilizers
65.080	Fertilizers • Fertilizers
33.180	Fibre • Fibre optic communications
33.180.01	Fibre • Fibre optic systems in general
33.180.20	Fibre • Fibre optic interconnecting devices
33.180.99	Fibre • Other fibre optic equipment
79.060.20	Fibre • Fibre and particle boards
91.100.40	Fibre-reinforced • Products in fibre-reinforced cement
33.180.10	Fibres • Fibres and cables
59.060	Fibres • Textile fibres
59.060.01	Fibres • Textile fibres in general
59.060.10	Fibres • Natural fibres
59.060.20	Fibres • Man-made fibres
59.060.30	Fibres • Mineral and metal fibres
59.060.99	Fibres • Other textile fibres
25.100.60	Files • Files
37.040.20	Films • Photographic paper, films and plates. Cartridges
37.040.25	Films • Radiographic films
37.060.20	Films • Motion picture films. Cartridges
83.140.10	Films • Films and sheets
23.100.60	Filters • Filters, seals and contamination of fluids
31.160	Filters • Electric filters
03.060	Finances • Finances. Banking. Monetary systems. Insurance
59.120.50	Finishing • Dyeing and finishing equipment
91.180	Finishing • Interior finishing
13.220	Fire • Protection against fire
13.220.01	Fire • Protection against fire in general
13.220.20	Fire • Fire protection
13.220.99	Fire • Other standards related to protection against fire
13.220.10	Fire-fighting • Fire-fighting
13.220.50	Fire-resistance • Fire-resistance of building materials and elements
71.100.30	Fireworks • Explosives. Pyrotechnics and fireworks

11.160	First • First aid
65.150	Fish • Fishing and fish breeding
67.120.30	Fish • Fish and fishery products
67.120.30	Fishery • Fish and fishery products
65.150	Fishing • Fishing and fish breeding
27.120.30	Fissile • Fissile materials and nuclear fuel technology
17.040.10	Fits • Limits and fits
23.040.40	Fittings • Metal fittings
23.040.45	Fittings • Plastics fittings
23.040.50	Fittings • Pipes and fittings of other materials
83.140.30	Fittings • Plastics pipes and fittings for non fluid use
97.130	Fittings • Shop fittings
97.130.01	Fittings • Shop fittings in general
97.130.99	Fittings • Other shop fittings
23.040.60	Flanges • Flanges, couplings and joints
97.040.60	Flatware • Cookware, cutlery and flatware
21.220	Flexible • Flexible drives and transmissions
21.220.01	Flexible • Flexible drives and transmissions in general
21.220.99	Flexible • Other flexible drives and transmissions
97.150	Floor • Floor coverings
91.060.30	Floors • Ceilings. Floors. Stairs
13.340.70	Flotation • Lifejackets, buoyancy aids and flotation devices
17.120	Flow • Measurement of fluid flow
17.120.01	Flow • Measurement of fluid flow in general
17.120.10	Flow • Flow in closed conduits
17.120.20	Flow • Flow in open channels
01.040.23	Fluid • Fluid systems and components for general use (Vocabularies)
17.120	Fluid • Measurement of fluid flow
17.120.01	Fluid • Measurement of fluid flow in general
23	Fluid • Fluid systems and components for general use
23.020	Fluid • Fluid storage devices
23.020.01	Fluid • Fluid storage devices in general
23.020.99	Fluid • Other fluid storage devices
23.100	Fluid • Fluid power systems
23.100.01	Fluid • Fluid power systems in general
23.100.99	Fluid • Other fluid power system components
49.080	Fluid • Aerospace fluid systems and components
83.140.30	Fluid • Plastics pipes and fittings for non fluid use
23.100.60	Fluids • Filters, seals and contamination of fluids
29.040	Fluids • Insulating fluids
29.040.01	Fluids • Insulating fluids in general
29.040.99	Fluids • Other insulating fluids
75.120	Fluids • Hydraulic fluids
29.140.30	Fluorescent • Fluorescent lamps. Discharge lamps
01.040.67	Food • Food technology (Vocabularies)
07.100.30	Food • Food microbiology
67	Food • Food technology
67.020	Food • Processes in the food industry
67.040	Food • Food products in general

67.050	Food • General methods of tests and analysis for food products
67.220	Food • Spices and condiments. Food additives
67.220.20	Food • Food additives
67.260	Food • Plants and equipment for the food industry
67.230	Foods • Prepackaged and prepared foods
67.250	Foodstuffs • Materials and articles in contact with foodstuffs
13.340.50	Foot • Leg and foot protection
61.060	Footwear • Footwear
17.100	Force • Measurement of force, weight and pressure
07.140	Forensic • Forensic science
65.020	Forestry • Farming and forestry
65.020.01	Forestry • Farming and forestry in general
65.020.99	Forestry • Other standards related to farming and forestry
65.060.80	Forestry • Forestry equipment
25.120.10	Forging • Forging equipment. Presses. Shears
77.140.85	Forgings • Iron and steel forgings
25.020	Forming • Manufacturing forming processes
03.220.99	Forms • Other forms of transport
93.020	Foundation • Earthworks. Excavations. Foundation construction. Underground works
55.180	Freight • Freight distribution of goods
55.180.01	Freight • Freight distribution of goods in general
55.180.99	Freight • Other standards related to freight distribution of goods
67.080	Fruits • Fruits. Vegetables
67.080.01	Fruits • Fruits, vegetables and derived products in general
67.080.10	Fruits • Fruits and derived products
25.180.20	Fuel • Fuel furnaces
27.060.10	Fuel • Liquid and solid fuel burners
27.060.20	Fuel • Gas fuel burners
27.070	Fuel • Fuel cells
27.120.30	Fuel • Fissile materials and nuclear fuel technology
43.060.40	Fuel • Fuel systems
97.100.30	Fuel • Solid fuel heaters
97.100.40	Fuel • Liquid fuel heaters
75.160	Fuels • Fuels
75.160.01	Fuels • Fuels in general
75.160.10	Fuels • Solid fuels
75.160.20	Fuels • Liquid fuels
75.160.30	Fuels • Gaseous fuels
03.100.20	Function • Trade. Commercial function. Marketing
65.100.30	Fungicides • Fungicides
59.140.40	Fur • Machines and equipment for leather and fur production
25.180	Furnaces • Industrial furnaces
25.180.01	Furnaces • Industrial furnaces in general
25.180.10	Furnaces • Electric furnaces
25.180.20	Furnaces • Fuel furnaces
97.040.10	Furniture • Kitchen furniture
97.140	Furniture • Furniture
59.140.30	Furs • Leather and furs
29.120.50	Fuses • Fuses and other overcurrent protection devices

G

29.220	Galvanic • Galvanic cells and batteries
29.220.01	Galvanic • Galvanic cells and batteries in general
23.020.35	Gas • Gas cylinders
27.040	Gas • Gas and steam turbines. Steam engines
27.060.20	Gas • Gas fuel burners
43.060.20	Gas • Pressure charging and air/exhaust gas ducting systems
75.020	Gas • Extraction and processing of petroleum and natural gas
75.060	Gas • Natural gas
75.180	Gas • Equipment for petroleum and natural gas industries
75.180.01	Gas • Equipment for petroleum and natural gas industries in general
75.180.99	Gas • Other equipment for petroleum and natural gas industries
75.200	Gas • Petroleum products and natural gas handling equipment
91.140.40	Gas • Gas supply systems
97.100.20	Gas • Gas heaters
75.160.30	Gaseous • Gaseous fuels
29.040.20	Gases • Insulating gases
71.100.20	Gases • Gases for industrial application
23.060.30	Gate • Gate valves
21.200	Gears • Gears
29.160.40	Generating • Generating sets
29.160.20	Generators • Generators
07.040	Geodesy • Astronomy. Geodesy. Geography
07.040	Geography • Astronomy. Geodesy. Geography
07.060	Geology • Geology. Meteorology. Hydrology
17.040.40	Geometrical • Geometrical Product Specification (GPS)
59.080.70	Geotextiles • Geotextiles
21.140	Glands • Seals, glands
01.040.81	Glass • Glass and ceramics industries (Vocabularies)
29.035.30	Glass • Glass and ceramic insulating materials
59.100.10	Glass • Textile glass materials
81	Glass • Glass and ceramics industries
81.020	Glass • Processes in the glass and ceramics industries
81.040	Glass • Glass
81.040.01	Glass • Glass in general
81.040.10	Glass • Raw materials and raw glass
81.040.20	Glass • Glass in building
81.040.30	Glass • Glass products
81.100	Glass • Equipment for the glass and ceramics industries
43.040.65	Glazing • Glazing and wiper systems
33.070.50	Global • Global System for Mobile Communication (GSM)
23.060.10	Globe • Globe valves
01.040.55	Goods • Packaging and distribution of goods (Vocabularies)

13.300	Goods • Protection against dangerous goods
55	Goods • Packaging and distribution of goods
55.020	Goods • Packaging and distribution of goods in general
55.180	Goods • Freight distribution of goods
55.180.01	Goods • Freight distribution of goods in general
55.180.99	Goods • Other standards related to freight distribution of goods
03.100.02	Governance • Governance and ethics
17.040.40	Gps • Geometrical Product Specification (GPS)
37.100	Graphic • Graphic technology
37.100.01	Graphic • Graphic technology in general
37.100.20	Graphic • Materials for graphic technology
37.100.99	Graphic • Other standards related to graphic technology
01.080	Graphical • Graphical symbols
01.080.01	Graphical • Graphical symbols in general
01.080.20	Graphical • Graphical symbols for use on specific equipment
01.080.30	Graphical • Graphical symbols for use on mechanical engineering and construction drawings, diagrams, plans, maps and in relevant technical product documentation
01.080.40	Graphical • Graphical symbols for use on electrical and electronics engineering drawings, diagrams, charts and in relevant technical product documentation
01.080.50	Graphical • Graphical symbols for use on information technology and telecommunications technical drawings and in relevant technical product documentation
01.080.99	Graphical • Other graphical symbols
35.040.30	Graphical • Coding of graphical and photographic information
35.140	Graphics • Computer graphics
65.040.30	Greenhouses • Greenhouses and other installations
25.080.50	Grinding • Grinding and polishing machines
49.100	Ground • Ground service and maintenance equipment
65.020.20	Growing • Plant growing
33.070.50	Gsm • Global System for Mobile Communication (GSM)
91.100.10	Gypsum • Cement. Gypsum. Lime. Mortar

H

71.080.20	Halogenated • Halogenated hydrocarbons
13.340.40	Hand • Hand and arm protection
25.140	Hand-held • Hand-held tools
25.140.01	Hand-held • Hand-held tools in general
25.140.99	Hand-held • Other hand-held tools
25.140.30	Hand-operated • Hand-operated tools
11.180	Handicapped • Aids for disabled or handicapped persons
11.180.01	Handicapped • Aids for disabled and handicapped persons in general
11.180.99	Handicapped • Other standards related to aids for disabled and handicapped people
97.195	Handicrafts • Items of art and handicrafts. Cultural property and heritage
01.040.53	Handling • Materials handling equipment (Vocabularies)
47.020.40	Handling • Lifting and cargo handling equipment

53	Handling • Materials handling equipment
53.040	Handling • Continuous handling equipment
53.040.01	Handling • Continuous handling equipment in general
53.040.99	Handling • Other continuous handling equipment
53.120	Handling • Equipment for manual handling
75.200	Handling • Petroleum products and natural gas handling equipment
65.060.50	Harvesting • Harvesting equipment
73.100.40	Haulage • Haulage and hoisting equipment
13.340.20	Head • Head protective equipment
61.040	Headgear • Headgear. Clothing accessories. Fastening of clothing
01.040.11	Health • Health care technology (Vocabularies)
01.040.13	Health • Environment. Health protection. Safety (Vocabularies)
11	Health • Health care technology
11.020	Health • Medical sciences and health care facilities in general
11.020.01	Health • Quality and environmental management in health care
11.020.10	Health • Health care services in general
11.020.99	Health • Other standards related to health care in general
13	Health • Environment. Health protection. Safety
35.240.80	Health • IT applications in health care technology
11.180.15	Hearing • Aids for deaf and hearing impaired people
01.040.27	Heat • Energy and heat transfer engineering (Vocabularies)
17.200.10	Heat • Heat. Calorimetry
23.040.07	Heat • Pipelines and its parts for district heat
25.200	Heat • Heat treatment
27	Heat • Energy and heat transfer engineering
27.010	Heat • Energy and heat transfer engineering in general
27.060.30	Heat • Boilers and heat exchangers
27.080	Heat • Heat pumps
27.220	Heat • Heat recovery. Thermal insulation
71.120.30	Heat • Heat exchangers
77.140.10	Heat-treatable • Heat-treatable steels
97.100.10	Heaters • Electric heaters
97.100.20	Heaters • Gas heaters
97.100.30	Heaters • Solid fuel heaters
97.100.40	Heaters • Liquid fuel heaters
97.100.99	Heaters • Heaters using other sources of energy
47.020.90	Heating • Marine ventilation, air conditioning and heating systems
91.140.10	Heating • Central heating systems
91.140.65	Heating • Water heating equipment
97.100	Heating • Domestic, commercial and industrial heating appliances
97.100.01	Heating • Heating appliances in general
65.100.20	Herbicides • Herbicides
97.195	Heritage • Items of art and handicrafts. Cultural property and heritage
59.140.20	Hides • Raw skins, hides and pelts
21.080	Hinges • Hinges, eyelets and other articulated joints
73.100.40	Hoisting • Haulage and hoisting equipment
29.140.10	Holders • Lamp caps and holders
97.020	Home • Home economics in general
97.160	Home • Home textiles. Linen

39.040	Horology • Horology
39.040.01	Horology • Horology in general
65.060.70	Horticultural • Horticultural equipment
23.040.70	Hose • Hoses and hose assemblies
23.040.80	Hose • Seals for pipe and hose assemblies
23.040.70	Hoses • Hoses and hose assemblies
83.140.40	Hoses • Hoses
11.140	Hospital • Hospital equipment
97.120	Household • Automatic controls for household use
21.180	Housings • Housings, enclosures, other machine parts
47.020.10	Hulls • Hulls and their structure elements
03.100.30	Human • Management of human resources
13.140	Human • Noise with respect to human beings
13.160	Human • Vibration and shock with respect to human beings
65.145	Hunting • Hunting
65.020.30	Husbandry • Animal husbandry and breeding
27.140	Hydraulic • Hydraulic energy engineering
75.120	Hydraulic • Hydraulic fluids
93.160	Hydraulic • Hydraulic construction
71.080.10	Hydrocarbons • Aliphatic hydrocarbons
71.080.15	Hydrocarbons • Aromatic hydrocarbons
71.080.20	Hydrocarbons • Halogenated hydrocarbons
27.075	Hydrogen • Hydrogen technologies
13.080.40	Hydrological • Hydrological properties of soils
07.060	Hydrology • Geology. Meteorology. Hydrology
13.100	Hygiene • Occupational safety. Industrial hygiene
35.040.40	Hypermedia • Coding of audio, video, multimedia and hypermedia information



67.100.40	Ice • Ice cream and ice confectionery
35.040.50	Identification • Automatic identification and data capture techniques
35.240.15	Identification • Identification cards. Chip cards. Biometrics
13.220.40	Ignitability • Ignitability and burning behaviour of materials and products
73.100.20	Illumination • Ventilation, air-conditioning and illumination equipment
01.040.37	Image • Image technology (Vocabularies)
37	Image • Image technology
37.080	Imaging • Document imaging applications
33.100.20	Immunity • Immunity
13.020.30	Impact • Environmental impact assessment
11.180.15	Impaired • Aids for deaf and hearing impaired people
11.040.40	Implants • Implants for surgery, prosthetics and orthotics
11.060.15	Implants • Dental implants
65.060	Implements • Agricultural machines, implements and equipment
29.140.20	Incandescent • Incandescent lamps

21.040.20	Inch • Inch screw threads
11.180.20	Incontinence • Aids for incontinence and ostomy
43.040.30	Indicating • Indicating and control devices
97.220.30	Indoor • Indoor sports equipment
13.060.25	Industrial • Water for industrial use
13.100	Industrial • Occupational safety. Industrial hygiene
25.040	Industrial • Industrial automation systems
25.040.01	Industrial • Industrial automation systems in general
25.040.30	Industrial • Industrial robots. Manipulators
25.040.40	Industrial • Industrial process measurement and control
25.040.99	Industrial • Other industrial automation systems
25.180	Industrial • Industrial furnaces
25.180.01	Industrial • Industrial furnaces in general
53.060	Industrial • Industrial trucks
71.100.20	Industrial • Gases for industrial application
71.100.35	Industrial • Chemicals for industrial and domestic disinfection purposes
75.100	Industrial • Lubricants, industrial oils and related products
97.100	Industrial • Domestic, commercial and industrial heating appliances
43.040.15	Informatics • Car informatics. On board computer systems
01.040.35	Information • Information technology (Vocabularies)
01.080.10	Information • Public information symbols. Signs. Plates. Labels
01.080.50	Information • Graphical symbols for use on information technology and telecommunications technical drawings and in relevant technical product documentation
01.100.27	Information • Technical drawings for telecommunications and information technology fields
01.140	Information • Information sciences. Publishing
01.140.20	Information • Information sciences
35	Information • Information technology
35.020	Information • Information technology (IT) in general
35.040	Information • Information coding
35.040.01	Information • Information coding in general
35.040.30	Information • Coding of graphical and photographic information
35.040.40	Information • Coding of audio, video, multimedia and hypermedia information
35.040.99	Information • Other standards related to information coding
35.060	Information • Languages used in information technology
35.240	Information • Applications of information technology
35.240.01	Information • Application of information technology in general
35.240.30	Information • IT applications in information, documentation and publishing
11.040.20	Infusion • Transfusion, infusion and injection equipment
11.040.20	Injection • Transfusion, infusion and injection equipment
87.080	Inks • Inks. Printing inks
47.060	Inland • Inland navigation vessels
71.060	Inorganic • Inorganic chemicals
71.060.01	Inorganic • Inorganic chemicals in general
71.060.99	Inorganic • Other inorganic chemicals
65.100.10	Insecticides • Insecticides
29.140.50	Installation • Lighting installation systems
11.040.30	Instruments • Surgical instruments and materials
11.060.25	Instruments • Dental instruments
17.040.30	Instruments • Measuring instruments

17.180.30	Instruments • Optical measuring instruments
17.200.20	Instruments • Temperature-measuring instruments
39.040.99	Instruments • Other time-measuring instruments
49.090	Instruments • On-board equipment and instruments
97.200.20	Instruments • Musical instruments
29.035	Insulating • Insulating materials
29.035.01	Insulating • Insulating materials in general
29.035.10	Insulating • Paper and board insulating materials
29.035.20	Insulating • Plastics and rubber insulating materials
29.035.30	Insulating • Glass and ceramic insulating materials
29.035.99	Insulating • Other insulating materials
29.040	Insulating • Insulating fluids
29.040.01	Insulating • Insulating fluids in general
29.040.10	Insulating • Insulating oils
29.040.20	Insulating • Insulating gases
29.040.99	Insulating • Other insulating fluids
91.100.60	Insulating • Thermal and sound insulating materials
27.220	Insulation • Heat recovery. Thermal insulation
29.080	Insulation • Insulation
29.080.01	Insulation • Electrical insulation in general
29.080.30	Insulation • Insulation systems
29.080.99	Insulation • Other standards related to insulation
91.120.10	Insulation • Thermal insulation of buildings
91.120.20	Insulation • Acoustics in building. Sound insulation
29.080.10	Insulators • Insulators
03.060	Insurance • Finances. Banking. Monetary systems. Insurance
31.200	Integrated • Integrated circuits. Microelectronics
33.080	Integrated • Integrated Services Digital Network (ISDN)
03.140	Intellectual • Patents. Intellectual property
33.180.20	Interconnecting • Fibre optic interconnecting devices
35.100	Interconnection • Open systems interconnection (OSI)
35.100.01	Interconnection • Open systems interconnection in general
35.200	Interconnection • Interface and interconnection equipment
35.200	Interface • Interface and interconnection equipment
91.160.10	Interior • Interior lighting
91.180	Interior • Interior finishing
35.240.95	Internet • Internet applications
23.040.10	Iron • Iron and steel pipes
73.060.10	Iron • Iron ores
77.140	Iron • Iron and steel products
77.140.01	Iron • Iron and steel products in general
77.140.80	Iron • Iron and steel castings
77.140.85	Iron • Iron and steel forgings
77.140.99	Iron • Other iron and steel products
77.080.10	Irons • Irons
65.060.35	Irrigation • Irrigation and drainage equipment
33.080	Isdn • Integrated Services Digital Network (ISDN)

J

55.100	Jars • Bottles. Pots. Jars
01.040.39	Jewellery • Precision mechanics. Jewellery (Vocabularies)
39	Jewellery • Precision mechanics. Jewellery
39.060	Jewellery • Jewellery
21.080	Joints • Hinges, eyelets and other articulated joints
23.040.60	Joints • Flanges, couplings and joints
25.160.40	Joints • Welded joints and welds

K

71.080.80	Ketones • Aldehydes and ketones
21.120.30	Keys • Keys and keyways, splines
21.120.30	Keyways • Keys and keyways, splines
97.040	Kitchen • Kitchen equipment
97.040.01	Kitchen • Kitchen equipment in general
97.040.10	Kitchen • Kitchen furniture
97.040.50	Kitchen • Small kitchen appliances
97.040.99	Kitchen • Other kitchen equipment
59.120.40	Knitting • Knitting machines

L

01.080.10	Labels • Public information symbols. Signs. Plates. Labels
71.040.10	Laboratories • Chemical laboratories. Laboratory equipment
11.100	Laboratory • Laboratory medicine
11.100.01	Laboratory • Laboratory medicine in general
11.100.99	Laboratory • Other standards related to laboratory medicine
71.040.10	Laboratory • Chemical laboratories. Laboratory equipment
71.040.20	Laboratory • Laboratory ware and related apparatus
03.040	Labour • Labour. Employment
97.145	Ladders • Ladders
83.140.20	Laminated • Laminated sheets
29.140.10	Lamp • Lamp caps and holders
29.140	Lamps • Lamps and related equipment

29.140.01	Lamps • Lamps in general
29.140.20	Lamps • Incandescent lamps
29.140.30	Lamps • Fluorescent lamps. Discharge lamps
29.140.99	Lamps • Other standards related to lamps
65.020.40	Landscaping • Landscaping and silviculture
35.060	Languages • Languages used in information technology
31.260	Laser • Optoelectronics. Laser equipment
83.040.10	Latex • Latex and raw rubber
25.080.10	Lathes • Lathes
97.060	Laundry • Laundry appliances
03.160	Law • Law. Administration
35.100.10	Layer • Physical layer
35.100.20	Layer • Data link layer
35.100.30	Layer • Network layer
35.100.40	Layer • Transport layer
35.100.50	Layer • Session layer
35.100.60	Layer • Presentation layer
35.100.70	Layer • Application layer
77.120.60	Lead • Lead, zinc, tin and their alloys
77.150.60	Lead • Lead, zinc and tin products
01.040.59	Leather • Textile and leather technology (Vocabularies)
59	Leather • Textile and leather technology
59.140	Leather • Leather technology
59.140.01	Leather • Leather technology in general
59.140.30	Leather • Leather and furs
59.140.35	Leather • Leather products
59.140.40	Leather • Machines and equipment for leather and fur production
59.140.99	Leather • Other standards related to leather technology
13.340.50	Leg • Leg and foot protection
91.010.10	Legal • Legal aspects
03.200	Leisure • Leisure. Tourism
03.200.01	Leisure • Leisure and tourism in general
03.200.99	Leisure • Other standards relating to leisure and tourism
13.020.60	Life-cycles • Product life-cycles
13.340.70	Lifejackets • Lifejackets, buoyancy aids and flotation devices
47.020.40	Lifting • Lifting and cargo handling equipment
53.020	Lifting • Lifting equipment
53.020.01	Lifting • Lifting appliances in general
53.020.30	Lifting • Accessories for lifting equipment
53.020.99	Lifting • Other lifting equipment
91.140.90	Lifts • Lifts. Escalators
17.180.20	Light • Colours and measurement of light
43.100	Light • Passenger cars. Caravans and light trailers
45.140	Light • Metro, tram and light rail equipment
29.140.50	Lighting • Lighting installation systems
43.040.20	Lighting • Lighting, signalling and warning devices
91.160	Lighting • Lighting
91.160.01	Lighting • Lighting in general
91.160.10	Lighting • Interior lighting

91.160.20	Lighting • Exterior building lighting
93.080.40	Lighting • Street lighting and related equipment
91.120.40	Lightning • Lightning protection
91.100.10	Lime • Cement. Gypsum. Lime. Mortar
17.040.10	Limits • Limits and fits
17.040	Linear • Linear and angular measurements
17.040.01	Linear • Linear and angular measurements in general
17.040.99	Linear • Other standards related to linear and angular measurements
97.160	Linen • Home textiles. Linen
29.240.20	Lines • Power transmission and distribution lines
33.040.50	Lines • Lines, connections and circuits
35.100.20	Link • Data link layer
77.140.65	Link • Steel wire, wire ropes and link chains
13.030.20	Liquid • Liquid wastes. Sludge
27.060.10	Liquid • Liquid and solid fuel burners
75.160.20	Liquid • Liquid fuels
97.100.40	Liquid • Liquid fuel heaters
13.260	Live • Protection against electric shock. Live working
65.040.10	Livestock • Livestock buildings, installations and equipment
21.060.30	Locking • Washers, locking elements
49.030.50	Locking • Washers and other locking elements
03.100.10	Logistics • Purchasing. Procurement. Logistics
59.120.30	Looms • Looms. Weaving machines
75.100	Lubricants • Lubricants, industrial oils and related products
43.060.30	Lubricating • Cooling systems. Lubricating systems
21.260	Lubrication • Lubrication systems
29.140.40	Luminaires • Luminaires

M

21.180	Machine • Housings, enclosures, other machine parts
25.060	Machine • Machine tool systems
25.060.01	Machine • Machine tool systems in general
25.060.99	Machine • Other machine tool systems
25.080	Machine • Machine tools
25.080.01	Machine • Machine tools in general
25.080.99	Machine • Other machine tools
17.140.20	Machines • Noise emitted by machines and equipment
21.020	Machines • Characteristics and design of machines, apparatus, equipment
21.120.40	Machines • Balancing and balancing machines
23.140	Machines • Compressors and pneumatic machines
25.040.20	Machines • Numerically controlled machines
25.080.20	Machines • Boring and milling machines
25.080.25	Machines • Planing machines
25.080.30	Machines • Broaching machines

25.080.40	Machines • Drilling machines
25.080.50	Machines • Grinding and polishing machines
25.080.60	Machines • Sawing machines
25.100.25	Machines • Tools for planing and broaching machines
25.120.40	Machines • Electrochemical machines
29.160.10	Machines • Components for rotating machines
35.260	Machines • Office machines
55.230	Machines • Distribution and vending machines
59.120.10	Machines • Spinning, twisting and texturing machines
59.120.20	Machines • Winding machines and equipment
59.120.30	Machines • Looms. Weaving machines
59.120.40	Machines • Knitting machines
59.140.40	Machines • Machines and equipment for leather and fur production
61.080	Machines • Sewing machines and other equipment for the clothing industry
65.060	Machines • Agricultural machines, implements and equipment
65.060.01	Machines • Agricultural machines and equipment in general
65.060.99	Machines • Other agricultural machines and equipment
79.120.10	Machines • Woodworking machines
25.040.10	Machining • Machining centres
77.120.20	Magnesium • Magnesium and magnesium alloys
77.150.20	Magnesium • Magnesium products
17.220	Magnetic • Electricity. Magnetism. Electrical and magnetic measurements
17.220.20	Magnetic • Measurement of electrical and magnetic quantities
29.030	Magnetic • Magnetic materials
29.100.10	Magnetic • Magnetic components
35.220.20	Magnetic • Magnetic storage devices in general
35.220.21	Magnetic • Magnetic disks
35.220.22	Magnetic • Magnetic tapes
35.220.23	Magnetic • Cassettes and cartridges for magnetic tapes
77.140.40	Magnetic • Steels with special magnetic properties
17.220	Magnetism • Electricity. Magnetism. Electrical and magnetic measurements
17.220.01	Magnetism • Electricity. Magnetism. General aspects
17.220.99	Magnetism • Other standards related to electricity and magnetism
03.080.10	Maintenance • Maintenance services. Facilities management
43.180	Maintenance • Diagnostic, maintenance and test equipment
45.120	Maintenance • Equipment for railway/cableway construction and maintenance
49.100	Maintenance • Ground service and maintenance equipment
59.060.20	Man-made • Man-made fibres
01.040.03	Management • Services. Company organization, management and quality. Administration. Transport. Sociology. (Vocabularies)
03	Management • Services. Company organization, management and quality. Administration. Transport. Sociology
03.080.10	Management • Maintenance services. Facilities management
03.100	Management • Company organization and management. Management systems
03.100.01	Management • Company organization and management in general
03.100.30	Management • Management of human resources
03.100.50	Management • Production. Production management
03.100.70	Management • Management systems
03.100.99	Management • Other standards related to company organization and management

03.120.10	Management • Quality management and quality assurance
11.020.01	Management • Quality and environmental management in health care
13.020.10	Management • Environmental management
73.060.20	Manganese • Manganese ores
25.040.30	Manipulators • Industrial robots. Manipulators
53.120	Manual • Equipment for manual handling
01.040.25	Manufacturing • Manufacturing engineering (Vocabularies)
25	Manufacturing • Manufacturing engineering
25.020	Manufacturing • Manufacturing forming processes
25.030	Manufacturing • Additive manufacturing
83.020	Manufacturing • Manufacturing processes in the rubber and plastics industries
01.080.30	Maps • Graphical symbols for use on mechanical engineering and construction drawings, diagrams, plans, maps and in relevant technical product documentation
01.040.47	Marine • Shipbuilding and marine structures (Vocabularies)
47	Marine • Shipbuilding and marine structures
47.020	Marine • Shipbuilding and marine structures in general
47.020.01	Marine • General standards related to shipbuilding and marine structures
47.020.20	Marine • Marine engines and propulsion systems
47.020.60	Marine • Electrical equipment of ships and of marine structures
47.020.90	Marine • Marine ventilation, air conditioning and heating systems
47.020.99	Marine • Other standards related to shipbuilding and marine structures
03.100.20	Marketing • Trade. Commercial function. Marketing
91.080.30	Masonry • Masonry
17.060	Mass • Measurement of volume, mass, density, viscosity
01.040.53	Materials • Materials handling equipment (Vocabularies)
01.040.91	Materials • Construction materials and building (Vocabularies)
11.040.30	Materials • Surgical instruments and materials
11.060.10	Materials • Dental materials
13.220.40	Materials • Ignitability and burning behaviour of materials and products
13.220.50	Materials • Fire-resistance of building materials and elements
23.040.50	Materials • Pipes and fittings of other materials
27.120.30	Materials • Fissile materials and nuclear fuel technology
29.030	Materials • Magnetic materials
29.035	Materials • Insulating materials
29.035.01	Materials • Insulating materials in general
29.035.10	Materials • Paper and board insulating materials
29.035.20	Materials • Plastics and rubber insulating materials
29.035.30	Materials • Glass and ceramic insulating materials
29.035.50	Materials • Mica based materials
29.035.99	Materials • Other insulating materials
29.045	Materials • Semiconducting materials
29.050	Materials • Superconductivity and conducting materials
37.100.20	Materials • Materials for graphic technology
45.040	Materials • Materials and components for railway engineering
47.020.05	Materials • Materials and components for shipbuilding
49.025	Materials • Materials for aerospace construction
49.025.01	Materials • Materials for aerospace construction in general
49.025.99	Materials • Other materials
53	Materials • Materials handling equipment

55.040	Materials • Packaging materials and accessories
59.040	Materials • Textile auxiliary materials
59.100	Materials • Materials for the reinforcement of composites
59.100.01	Materials • Materials for the reinforcement of composites in general
59.100.10	Materials • Textile glass materials
59.100.20	Materials • Carbon materials
59.100.30	Materials • Aramide materials
59.100.99	Materials • Other materials for the reinforcement of composites
59.140.10	Materials • Processes and auxiliary materials
67.250	Materials • Materials and articles in contact with foodstuffs
71.100.10	Materials • Materials for aluminium production
75.140	Materials • Waxes, bituminous materials and other petroleum products
81.040.10	Materials • Raw materials and raw glass
81.060.10	Materials • Raw materials
83.040	Materials • Raw materials for rubber and plastics
83.040.01	Materials • Raw materials for rubber and plastics in general
83.040.30	Materials • Auxiliary materials and additives for plastics
83.080.10	Materials • Thermosetting materials
83.080.20	Materials • Thermoplastic materials
83.100	Materials • Cellular materials
91	Materials • Construction materials and building
91.100	Materials • Construction materials
91.100.01	Materials • Construction materials in general
91.100.15	Materials • Mineral materials and products
91.100.50	Materials • Binders. Sealing materials
91.100.60	Materials • Thermal and sound insulating materials
91.100.99	Materials • Other construction materials
93.080.20	Materials • Road construction materials
07.020	Mathematics • Mathematics
01.040.17	Measurement • Metrology and measurement. Physical phenomena (Vocabularies)
17	Measurement • Metrology and measurement. Physical phenomena
17.020	Measurement • Metrology and measurement in general
17.060	Measurement • Measurement of volume, mass, density, viscosity
17.080	Measurement • Measurement of time, velocity, acceleration, angular velocity
17.100	Measurement • Measurement of force, weight and pressure
17.120	Measurement • Measurement of fluid flow
17.120.01	Measurement • Measurement of fluid flow in general
17.180.20	Measurement • Colours and measurement of light
17.220.20	Measurement • Measurement of electrical and magnetic quantities
25.040.40	Measurement • Industrial process measurement and control
17.040	Measurements • Linear and angular measurements
17.040.01	Measurements • Linear and angular measurements in general
17.040.99	Measurements • Other standards related to linear and angular measurements
17.140	Measurements • Acoustics and acoustic measurements
17.140.01	Measurements • Acoustic measurements and noise abatement in general
17.160	Measurements • Vibrations, shock and vibration measurements
17.180	Measurements • Optics and optical measurements
17.180.01	Measurements • Optics and optical measurements in general
17.180.99	Measurements • Other standards related to optics and optical measurements

17.200	Measurements • Thermodynamics and temperature measurements
17.220	Measurements • Electricity. Magnetism. Electrical and magnetic measurements
17.240	Measurements • Radiation measurements
75.180.30	Measurements • Volumetric equipment and measurements
67.120	Meat • Meat, meat products and other animal produce
67.120.10	Meat • Meat and meat products
01.040.21	Mechanical • Mechanical systems and components for general use (Vocabularies)
01.080.30	Mechanical • Graphical symbols for use on mechanical engineering and construction drawings, diagrams, plans, maps and in relevant technical product documentation
01.100.20	Mechanical • Mechanical engineering drawings
11.200	Mechanical • Birth control. Mechanical contraceptives
19.060	Mechanical • Mechanical testing
21	Mechanical • Mechanical systems and components for general use
31.240	Mechanical • Mechanical structures for electronic equipment
77.040.10	Mechanical • Mechanical testing of metals
01.040.39	Mechanics • Precision mechanics. Jewellery (Vocabularies)
39	Mechanics • Precision mechanics. Jewellery
39.020	Mechanics • Precision mechanics
21.240	Mechanisms • Rotary-reciprocating mechanisms and their parts
07.100.10	Medical • Medical microbiology
11.020	Medical • Medical sciences and health care facilities in general
11.020.20	Medical • Medical science
11.040	Medical • Medical equipment
11.040.01	Medical • Medical equipment in general
11.040.99	Medical • Other medical equipment
11.100.20	Medical • Biological evaluation of medical devices
11.120.10	Medicaments • Medicaments
11.100	Medicine • Laboratory medicine
11.100.01	Medicine • Laboratory medicine in general
11.100.99	Medicine • Other standards related to laboratory medicine
11.220	Medicine • Veterinary medicine
23.040.15	Metal • Non-ferrous metal pipes
23.040.40	Metal • Metal fittings
59.060.30	Metal • Mineral and metal fibres
91.080.10	Metal • Metal structures
25.220.40	Metallic • Metallic coatings
73.060	Metalliferous • Metalliferous minerals and their concentrates
73.060.01	Metalliferous • Metalliferous minerals in general
73.060.99	Metalliferous • Other metalliferous minerals
77.180	Metallurgical • Equipment for the metallurgical industry
01.040.77	Metallurgy • Metallurgy (Vocabularies)
77	Metallurgy • Metallurgy
77.160	Metallurgy • Powder metallurgy
77.020	Metals • Production of metals
77.040	Metals • Testing of metals
77.040.01	Metals • Testing of metals in general
77.040.10	Metals • Mechanical testing of metals
77.040.20	Metals • Non-destructive testing of metals
77.040.30	Metals • Chemical analysis of metals

77.040.99	Metals • Other methods of testing of metals
77.060	Metals • Corrosion of metals
77.080	Metals • Ferrous metals
77.080.01	Metals • Ferrous metals in general
77.120	Metals • Non-ferrous metals
77.120.01	Metals • Non-ferrous metals in general
77.120.99	Metals • Other non-ferrous metals and their alloys
77.150	Metals • Products of non-ferrous metals
77.150.01	Metals • Products of non-ferrous metals in general
77.150.99	Metals • Other products of non-ferrous metals
07.060	Meteorology • Geology. Meteorology. Hydrology
21.040.10	Metric • Metric screw threads
45.140	Metro • Metro, tram and light rail equipment
01.040.17	Metrology • Metrology and measurement. Physical phenomena (Vocabularies)
17	Metrology • Metrology and measurement. Physical phenomena
17.020	Metrology • Metrology and measurement in general
29.035.50	Mica • Mica based materials
31.060.20	Mica • Ceramic and mica capacitors
07.100	Microbiology • Microbiology
07.100.01	Microbiology • Microbiology in general
07.100.10	Microbiology • Medical microbiology
07.100.20	Microbiology • Microbiology of water
07.100.30	Microbiology • Food microbiology
07.100.40	Microbiology • Cosmetics microbiology
07.100.99	Microbiology • Other standards related to microbiology
31.200	Microelectronics • Integrated circuits. Microelectronics
35.160	Microprocessor • Microprocessor systems
01.040.95	Military • Military Affairs. Military engineering. Weapons (Vocabularies)
95	Military • Military affairs. Military engineering. Weapons
95.020	Military • Military in general
95.040	Military • Military engineering
67.100	Milk • Milk and milk products
67.100.01	Milk • Milk and milk products in general
67.100.10	Milk • Milk and processed milk products
67.100.99	Milk • Other milk products
25.080.20	Milling • Boring and milling machines
25.100.20	Milling • Milling tools
73.100.30	Mine • Equipment for drilling and mine excavation
59.060.30	Mineral • Mineral and metal fibres
91.100.15	Mineral • Mineral materials and products
01.040.73	Minerals • Mining and minerals (Vocabularies)
73	Minerals • Mining and minerals
73.060	Minerals • Metalliferous minerals and their concentrates
73.060.01	Minerals • Metalliferous minerals in general
73.060.99	Minerals • Other metalliferous minerals
73.080	Minerals • Non-metalliferous minerals
73.120	Minerals • Equipment for processing of minerals
01.040.73	Mining • Mining and minerals (Vocabularies)
73	Mining • Mining and minerals

73.020	Mining • Mining and quarrying
73.100	Mining • Mining equipment
73.100.01	Mining • Mining equipment in general
73.100.99	Mining • Other mining equipment
25.060.10	Modular • Modular units and other devices
03.060	Monetary • Finances. Banking. Monetary systems. Insurance
43.140	Mopeds • Motorcycles and mopeds
91.100.10	Mortar • Cement. Gypsum. Lime. Mortar
37.060.10	Motion • Motion picture equipment
37.060.20	Motion • Motion picture films. Cartridges
43.140	Motorcycles • Motorcycles and mopeds
23.100.10	Motors • Pumps and motors
29.160.30	Motors • Motors
25.120.30	Moulding • Moulding equipment
11.180.10	Moving • Aids and adaptation for moving
35.100.05	Multilayer • Multilayer applications
33.160.60	Multimedia • Multimedia systems and teleconferencing equipment
35.040.40	Multimedia • Coding of audio, video, multimedia and hypermedia information
97.200.20	Musical • Musical instruments

N

21.060.50	Nails • Pins, nails
49.030.40	Nails • Pins, nails
07.120	Nanotechnologies • Nanotechnologies
47.020.70	Navigation • Navigation and control equipment
47.060	Navigation • Inland navigation vessels
11.040.25	Needles • Syringes, needles and catheters
55.180.30	Nets • Air mode containers, pallets and nets
33.080	Network • Integrated Services Digital Network (ISDN)
35.100.30	Network • Network layer
35.110	Networking • Networking
29.240	Networks • Power transmission and distribution networks
29.240.01	Networks • Power transmission and distribution networks in general
29.240.99	Networks • Other equipment related to power transmission and distribution networks
33.040.35	Networks • Telephone networks
33.040.40	Networks • Data communication networks
77.120.40	Nickel • Nickel, chromium and their alloys
77.150.40	Nickel • Nickel and chromium products
71.080.30	Nitrogen • Organic nitrogen compounds
13.140	Noise • Noise with respect to human beings
17.140.01	Noise • Acoustic measurements and noise abatement in general
17.140.20	Noise • Noise emitted by machines and equipment
17.140.30	Noise • Noise emitted by means of transport
83.140.30	Non • Plastics pipes and fittings for non fluid use

67.160.20	Non-alcoholic • Non-alcoholic beverages
77.140.45	Non-alloyed • Non-alloyed steels
19.100	Non-destructive • Non-destructive testing
77.040.20	Non-destructive • Non-destructive testing of metals
23.040.15	Non-ferrous • Non-ferrous metal pipes
49.025.15	Non-ferrous • Non-ferrous alloys in general
77.120	Non-ferrous • Non-ferrous metals
77.120.01	Non-ferrous • Non-ferrous metals in general
77.120.99	Non-ferrous • Other non-ferrous metals and their alloys
77.150	Non-ferrous • Products of non-ferrous metals
77.150.01	Non-ferrous • Products of non-ferrous metals in general
77.150.99	Non-ferrous • Other products of non-ferrous metals
73.080	Non-metalliferous • Non-metalliferous minerals
27.120	Nuclear • Nuclear energy engineering
27.120.01	Nuclear • Nuclear energy in general
27.120.20	Nuclear • Nuclear power plants. Safety
27.120.30	Nuclear • Fissile materials and nuclear fuel technology
27.120.99	Nuclear • Other standards related to nuclear energy
25.040.20	Numerically • Numerically controlled machines
21.060.20	Nuts • Nuts
49.030.30	Nuts • Nuts

O

13.100	Occupational • Occupational safety. Industrial hygiene
35.240.20	Office • IT applications in office work
35.260	Office • Office machines
85.080.10	Office • Office paper
29.040.10	Oils • Insulating oils
67.200	Oils • Edible oils and fats. Oilseeds
67.200.10	Oils • Animal and vegetable fats and oils
71.100.60	Oils • Essential oils
75.100	Oils • Lubricants, industrial oils and related products
67.200	Oilseeds • Edible oils and fats. Oilseeds
67.200.20	Oilseeds • Oilseeds
49.090	On-board • On-board equipment and instruments
17.120.20	Open • Flow in open channels
35.100	Open • Open systems interconnection (OSI)
35.100.01	Open • Open systems interconnection in general
49.140	Operations • Space systems and operations
11.040.70	Ophthalmic • Ophthalmic equipment
33.180	Optic • Fibre optic communications
33.180.01	Optic • Fibre optic systems in general
33.180.20	Optic • Fibre optic interconnecting devices
33.180.30	Optic • Optic amplifiers

33.180.99	Optic • Other fibre optic equipment
17.180	Optical • Optics and optical measurements
17.180.01	Optical • Optics and optical measurements in general
17.180.30	Optical • Optical measuring instruments
17.180.99	Optical • Other standards related to optics and optical measurements
35.220.30	Optical • Optical storage devices
37.020	Optical • Optical equipment
17.180	Optics • Optics and optical measurements
17.180.01	Optics • Optics and optical measurements in general
17.180.99	Optics • Other standards related to optics and optical measurements
31.260	Optoelectronics • Optoelectronics. Laser equipment
73.060.10	Ores • Iron ores
73.060.20	Ores • Manganese ores
73.060.30	Ores • Chromium ores
73.060.40	Ores • Aluminium ores
25.220.60	Organic • Organic coatings
71.080	Organic • Organic chemicals
71.080.01	Organic • Organic chemicals in general
71.080.30	Organic • Organic nitrogen compounds
71.080.40	Organic • Organic acids
71.080.99	Organic • Other organic chemicals
01.040.03	Organization • Services. Company organization, management and quality. Administration. Transport. Sociology. (Vocabularies)
03	Organization • Services. Company organization, management and quality. Administration. Transport. Sociology
03.100	Organization • Company organization and management. Management systems
03.100.01	Organization • Company organization and management in general
03.100.99	Organization • Other standards related to company organization and management
11.040.40	Orthotics • Implants for surgery, prosthetics and orthotics
35.100	Osi • Open systems interconnection (OSI)
11.180.20	Ostomy • Aids for incontinence and ostomy
29.260.10	Outdoor • Electrical installations for outdoor use
97.220.40	Outdoor • Outdoor and water sports equipment
97.040.20	Ovens • Cooking ranges, working tables, ovens and similar appliances
29.120.50	Overcurrent • Fuses and other overcurrent protection devices
71.060.20	Oxides • Oxides

P

55.180.40	Packages • Complete, filled transport packages
01.040.55	Packaging • Packaging and distribution of goods (Vocabularies)
11.080.30	Packaging • Sterilized packaging
55	Packaging • Packaging and distribution of goods
55.020	Packaging • Packaging and distribution of goods in general
55.040	Packaging • Packaging materials and accessories

55.200	Packaging • Packaging machinery
33.050.20	Paging • Paging equipment
33.070.20	Paging • Paging systems
01.040.87	Paint • Paint and colour industries (Vocabularies)
87	Paint • Paint and colour industries
87.020	Paint • Paint coating processes
87.060	Paint • Paint ingredients
87.060.01	Paint • Paint ingredients in general
87.060.99	Paint • Other paint ingredients
87.100	Paint • Paint coating equipment
87.040	Paints • Paints and varnishes
55.180.20	Pallets • General purpose pallets
55.180.30	Pallets • Air mode containers, pallets and nets
79.060	Panels • Wood-based panels
79.060.01	Panels • Wood-based panels in general
79.060.99	Panels • Other wood-based panels
01.040.85	Paper • Paper technology (Vocabularies)
29.035.10	Paper • Paper and board insulating materials
31.060.30	Paper • Paper and plastics capacitors
35.220.10	Paper • Paper cards and tapes
37.040.20	Paper • Photographic paper, films and plates. Cartridges
85	Paper • Paper technology
85.020	Paper • Paper production processes
85.060	Paper • Paper and board
85.080	Paper • Paper products
85.080.01	Paper • Paper products in general
85.080.10	Paper • Office paper
85.080.20	Paper • Tissue paper
85.080.99	Paper • Other paper products
85.100	Paper • Equipment for the paper industry
11.180.30	Partially • Aids for blind or partially sighted people
19.120	Particle • Particle size analysis. Sieving
79.060.20	Particle • Fibre and particle boards
91.060.10	Partitions • Walls. Partitions. Façades
43.100	Passenger • Passenger cars. Caravans and light trailers
49.095	Passenger • Passenger and cabin equipment
03.140	Patents • Patents. Intellectual property
13.080	Pedology • Soil quality. Pedology
13.080.01	Pedology • Soil quality and pedology in general
59.140.20	Pelts • Raw skins, hides and pelts
11.180.15	People • Aids for deaf and hearing impaired people
11.180.30	People • Aids for blind or partially sighted people
11.180.99	People • Other standards related to aids for disabled and handicapped people
35.180	Peripheral • IT terminal and other peripheral equipment
11.180	Persons • Aids for disabled or handicapped persons
11.180.01	Persons • Aids for disabled and handicapped persons in general
65.100	Pesticides • Pesticides and other agrochemicals
65.100.01	Pesticides • Pesticides and other agrochemicals in general
65.100.99	Pesticides • Other pesticides and agrochemicals

01.040.75	Petroleum • Petroleum and related technologies (Vocabularies)
75	Petroleum • Petroleum and related technologies
75.020	Petroleum • Extraction and processing of petroleum and natural gas
75.040	Petroleum • Crude petroleum
75.080	Petroleum • Petroleum products in general
75.140	Petroleum • Waxes, bituminous materials and other petroleum products
75.180	Petroleum • Equipment for petroleum and natural gas industries
75.180.01	Petroleum • Equipment for petroleum and natural gas industries in general
75.180.99	Petroleum • Other equipment for petroleum and natural gas industries
75.200	Petroleum • Petroleum products and natural gas handling equipment
11.120	Pharmaceutics • Pharmaceutics
11.120.01	Pharmaceutics • Pharmaceutics in general
11.120.99	Pharmaceutics • Other standards related to pharmaceutics
71.080.90	Phenols • Phenols
01.040.17	Phenomena • Metrology and measurement. Physical phenomena (Vocabularies)
17	Phenomena • Metrology and measurement. Physical phenomena
37.040.10	Photographic • Photographic equipment. Projectors
37.040.20	Photographic • Photographic paper, films and plates. Cartridges
37.040.30	Photographic • Photographic chemicals
35.040.30	Photographical • Coding of graphical and photographical information
37.040	Photography • Photography
37.040.01	Photography • Photography in general
37.040.99	Photography • Other standards related to photography
07.030	Physics • Physics. Chemistry
37.060.10	Picture • Motion picture equipment
37.060.20	Picture • Motion picture films. Cartridges
31.140	Piezoelectric • Piezoelectric devices
87.060.10	Pigments • Pigments and extenders
21.060.50	Pins • Pins, nails
49.030.40	Pins • Pins, nails
23.040.80	Pipe • Seals for pipe and hose assemblies
23.040	Pipeline • Pipeline components and pipelines
23.040.01	Pipeline • Pipeline components and pipelines in general
23.040.99	Pipeline • Other pipeline components
23.040	Pipelines • Pipeline components and pipelines
23.040.01	Pipelines • Pipeline components and pipelines in general
23.040.03	Pipelines • Pipelines and its parts for external water conveyance systems
23.040.05	Pipelines • Pipelines and its parts for external sewage systems
23.040.07	Pipelines • Pipelines and its parts for district heat
23.040.10	Pipes • Iron and steel pipes
23.040.15	Pipes • Non-ferrous metal pipes
23.040.20	Pipes • Plastics pipes
23.040.50	Pipes • Pipes and fittings of other materials
77.140.75	Pipes • Steel pipes and tubes for specific use
83.140.30	Pipes • Plastics pipes and fittings for non fluid use
23.100.40	Piping • Piping and couplings
47.020.30	Piping • Piping systems
21.100.10	Plain • Plain bearings
25.080.25	Planing • Planing machines

25.100.25	Planing • Tools for planing and broaching machines
91.020	Planning • Physical planning. Town planning
01.080.30	Plans • Graphical symbols for use on mechanical engineering and construction drawings, diagrams, plans, maps and in relevant technical product documentation
65.020.20	Plant • Plant growing
65.060.40	Plant • Plant care equipment
65.060.30	Planting • Sowing and planting equipment
27.120.20	Plants • Nuclear power plants. Safety
67.260	Plants • Plants and equipment for the food industry
83	Plastic • Rubber and plastic industries
01.040.83	Plastics • Rubber and plastics industries (Vocabularies)
23.040.20	Plastics • Plastics pipes
23.040.45	Plastics • Plastics fittings
29.035.20	Plastics • Plastics and rubber insulating materials
31.060.30	Plastics • Paper and plastics capacitors
49.025.40	Plastics • Rubber and plastics
83.020	Plastics • Manufacturing processes in the rubber and plastics industries
83.040	Plastics • Raw materials for rubber and plastics
83.040.01	Plastics • Raw materials for rubber and plastics in general
83.040.30	Plastics • Auxiliary materials and additives for plastics
83.080	Plastics • Plastics
83.080.01	Plastics • Plastics in general
83.120	Plastics • Reinforced plastics
83.140	Plastics • Rubber and plastics products
83.140.01	Plastics • Rubber and plastics products in general
83.140.30	Plastics • Plastics pipes and fittings for non fluid use
83.140.99	Plastics • Other rubber and plastics products
83.200	Plastics • Equipment for the rubber and plastics industries
01.080.10	Plates • Public information symbols. Signs. Plates. Labels
37.040.20	Plates • Photographic paper, films and plates. Cartridges
97.200.40	Playgrounds • Playgrounds
23.060.20	Plug • Ball and plug valves
31.220.10	Plug-and-socket • Plug-and-socket devices. Connectors
29.120.30	Plugs • Plugs, socket-outlets, couplers
79.060.10	Plywood • Plywood
23.140	Pneumatic • Compressors and pneumatic machines
25.140.10	Pneumatic • Pneumatic tools
53.040.30	Pneumatic • Pneumatic transport and its components
25.080.50	Polishing • Grinding and polishing machines
13.020.40	Pollution • Pollution, pollution control and conservation
93.140	Ports • Construction of waterways, ports and dykes
03.240	Postal • Postal services
35.240.69	Postal • IT applications in postal services
31.040.20	Potentiometers • Potentiometers, variable resistors
55.100	Pots • Bottles. Pots. Jars
67.120.20	Poultry • Poultry and eggs
77.160	Powder • Powder metallurgy
23.100	Power • Fluid power systems
23.100.01	Power • Fluid power systems in general

23.100.99	Power • Other fluid power system components
27.100	Power • Power stations in general
27.120.20	Power • Nuclear power plants. Safety
29.200	Power • Rectifiers. Converters. Stabilized power supply
29.240	Power • Power transmission and distribution networks
29.240.01	Power • Power transmission and distribution networks in general
29.240.20	Power • Power transmission and distribution lines
29.240.30	Power • Control equipment for electric power systems
29.240.99	Power • Other equipment related to power transmission and distribution networks
31.060.70	Power • Power capacitors
33.040.60	Powerline • Powerline telecommunications
01.040.39	Precision • Precision mechanics. Jewellery (Vocabularies)
39	Precision • Precision mechanics. Jewellery
39.020	Precision • Precision mechanics
67.230	Prepackaged • Prepackaged and prepared foods
25.220.10	Preparation • Surface preparation
65.060.25	Preparation • Equipment for storage, preparation and distribution of fertilizers
67.230	Prepared • Prepackaged and prepared foods
35.100.60	Presentation • Presentation layer
25.120.10	Presses • Forging equipment. Presses. Shears
13.240	Pressure • Protection against excessive pressure
17.100	Pressure • Measurement of force, weight and pressure
23.020.30	Pressure • Pressure vessels
23.060.40	Pressure • Pressure regulators
43.060.20	Pressure • Pressure charging and air/exhaust gas ducting systems
77.140.30	Pressure • Steels for pressure purposes
29.220.10	Primary • Primary cells and batteries
31.180	Printed • Printed circuits and boards
87.080	Printing • Inks. Printing inks
19.020	Procedures • Test conditions and procedures in general
25.040.40	Process • Industrial process measurement and control
25.020	Processes • Manufacturing forming processes
25.160.10	Processes • Welding processes
49.040	Processes • Coatings and related processes used in aerospace industry
59.020	Processes • Processes of the textile industry
59.140.10	Processes • Processes and auxiliary materials
67.020	Processes • Processes in the food industry
79.020	Processes • Wood technology processes
81.020	Processes • Processes in the glass and ceramics industries
83.020	Processes • Manufacturing processes in the rubber and plastics industries
85.020	Processes • Paper production processes
87.020	Processes • Paint coating processes
65.040.20	Processing • Buildings and installations for processing and storage of agricultural produce
73.120	Processing • Equipment for processing of minerals
75.020	Processing • Extraction and processing of petroleum and natural gas
75.180.20	Processing • Processing equipment
03.100.10	Procurement • Purchasing. Procurement. Logistics
03.100.50	Production • Production. Production management
59.140.40	Production • Machines and equipment for leather and fur production

71.020	Production • Production in the chemical industry
71.100.10	Production • Materials for aluminium production
77.020	Production • Production of metals
85.020	Production • Paper production processes
77.140.70	Profiles • Steel profiles
37.040.10	Projectors • Photographic equipment. Projectors
13.020.70	Projects • Environmental projects
03.140	Property • Patents. Intellectual property
97.195	Property • Items of art and handicrafts. Cultural property and heritage
47.020.20	Propulsion • Marine engines and propulsion systems
49.050	Propulsion • Aerospace engines and propulsion systems
11.040.40	Prosthetics • Implants for surgery, prosthetics and orthotics
01.040.13	Protection • Environment. Health protection. Safety (Vocabularies)
13	Protection • Environment. Health protection. Safety
13.020	Protection • Environmental protection
13.020.01	Protection • Environment and environmental protection in general
13.020.99	Protection • Other standards related to environmental protection
13.220	Protection • Protection against fire
13.220.01	Protection • Protection against fire in general
13.220.20	Protection • Fire protection
13.220.99	Protection • Other standards related to protection against fire
13.230	Protection • Explosion protection
13.240	Protection • Protection against excessive pressure
13.260	Protection • Protection against electric shock. Live working
13.280	Protection • Radiation protection
13.300	Protection • Protection against dangerous goods
13.310	Protection • Protection against crime
13.340.40	Protection • Hand and arm protection
13.340.50	Protection • Leg and foot protection
13.340.60	Protection • Protection against falling and slipping
29.120.50	Protection • Fuses and other overcurrent protection devices
43.040.80	Protection • Crash protection and restraint systems
91.120	Protection • Protection of and in buildings
91.120.01	Protection • Protection of and in buildings in general
91.120.25	Protection • Seismic and vibration protection
91.120.40	Protection • Lightning protection
91.120.99	Protection • Other standards related to protection of and in buildings
13.340	Protective • Protective equipment
13.340.01	Protective • Protective equipment in general
13.340.10	Protective • Protective clothing
13.340.20	Protective • Head protective equipment
13.340.30	Protective • Respiratory protective devices
13.340.99	Protective • Other protective equipment
01.140	Publishing • Information sciences. Publishing
01.140.40	Publishing • Publishing
35.240.30	Publishing • IT applications in information, documentation and publishing
85.040	Pulps • Pulps
67.060	Pulses • Cereals, pulses and derived products
23.080	Pumps • Pumps

23.100.10	Pumps • Pumps and motors
27.080	Pumps • Heat pumps
03.100.10	Purchasing • Purchasing. Procurement. Logistics
71.100.80	Purification • Chemicals for purification of water
71.100.30	Pyrotechnics • Explosives. Pyrotechnics and fireworks

Q

01.040.03	Quality • Services. Company organization, management and quality. Administration. Transport. Sociology. (Vocabularies)
03	Quality • Services. Company organization, management and quality. Administration. Transport. Sociology
03.120	Quality • Quality
03.120.01	Quality • Quality in general
03.120.10	Quality • Quality management and quality assurance
03.120.99	Quality • Other standards related to quality
11.020.01	Quality • Quality and environmental management in health care
13.040	Quality • Air quality
13.040.01	Quality • Air quality in general
13.040.99	Quality • Other standards related to air quality
13.060	Quality • Water quality
13.060.01	Quality • Water quality in general
13.060.99	Quality • Other standards related to water quality
13.080	Quality • Soil quality. Pedology
13.080.01	Quality • Soil quality and pedology in general
13.080.99	Quality • Other standards related to soil quality
01.060	Quantities • Quantities and units
17.220.20	Quantities • Measurement of electrical and magnetic quantities
73.020	Quarrying • Mining and quarrying

R

13.280	Radiation • Radiation protection
17.240	Radiation • Radiation measurements
33.060.30	Radio • Radio relay and fixed satellite communications systems
33.070.10	Radio • Terrestrial Trunked Radio (TETRA)
33.160.20	Radio • Radio receivers
33.170	Radio • Television and radio broadcasting
33.060	Radiocommunications • Radiocommunications
33.060.01	Radiocommunications • Radiocommunications in general
33.060.99	Radiocommunications • Other equipment for radiocommunications
11.040.50	Radiographic • Radiographic equipment

37.040.25	Radiographic • Radiographic films
03.220.30	Rail • Transport by rail
45.140	Rail • Metro, tram and light rail equipment
45.080	Rails • Rails and railway components
01.040.45	Railway • Railway engineering (Vocabularies)
45	Railway • Railway engineering
45.020	Railway • Railway engineering in general
45.040	Railway • Materials and components for railway engineering
45.060	Railway • Railway rolling stock
45.060.01	Railway • Railway rolling stock in general
45.080	Railway • Rails and railway components
45.120	Railway/cableway • Equipment for railway/cableway construction and maintenance
93.100	Railways • Construction of railways
97.040.20	Ranges • Cooking ranges, working tables, ovens and similar appliances
59.140.20	Raw • Raw skins, hides and pelts
81.040.10	Raw • Raw materials and raw glass
81.060.10	Raw • Raw materials
83.040	Raw • Raw materials for rubber and plastics
83.040.01	Raw • Raw materials for rubber and plastics in general
83.040.10	Raw • Latex and raw rubber
71.120.10	Reaction • Reaction vessels and their components
27.120.10	Reactor • Reactor engineering
29.180	Reactors • Transformers. Reactors
71.040.30	Reagents • Chemical reagents
25.100.30	Reamers • Drills, countersinks, reamers
11.040.10	Reanimation • Anaesthetic, respiratory and reanimation equipment
33.160.20	Receivers • Radio receivers
33.160.25	Receivers • Television receivers
33.060.20	Receiving • Receiving and transmitting equipment
27.220	Recovery • Heat recovery. Thermal insulation
29.200	Rectifiers • Rectifiers. Converters. Stabilized power supply
13.030.50	Recycling • Recycling
81.080	Refractories • Refractories
71.100.45	Refrigerants • Refrigerants and antifreezes
27.200	Refrigerating • Refrigerating technology
97.040.30	Refrigerating • Domestic refrigerating appliances
97.130.20	Refrigerating • Commercial refrigerating appliances
23.060.40	Regulators • Pressure regulators
83.120	Reinforced • Reinforced plastics
59.100	Reinforcement • Materials for the reinforcement of composites
59.100.01	Reinforcement • Materials for the reinforcement of composites in general
59.100.99	Reinforcement • Other materials for the reinforcement of composites
77.140.15	Reinforcement • Steels for reinforcement of concrete
03.200.99	Relating • Other standards relating to leisure and tourism
33.060.30	Relay • Radio relay and fixed satellite communications systems
29.120.70	Relays • Relays
37.100.10	Reproduction • Reproduction equipment
03.100.40	Research • Research and development
91.040.30	Residential • Residential buildings

31.040	Resistors • Resistors
31.040.01	Resistors • Resistors in general
31.040.10	Resistors • Fixed resistors
31.040.20	Resistors • Potentiometers, variable resistors
31.040.99	Resistors • Other resistors
03.100.30	Resources • Management of human resources
13.060.10	Resources • Water of natural resources
11.040.10	Respiratory • Anaesthetic, respiratory and reanimation equipment
13.340.30	Respiratory • Respiratory protective devices
43.040.80	Restraint • Crash protection and restraint systems
33.120.30	Rf • RF connectors
21.060.60	Rings • Rings, bushes, sleeves, collars
21.060.40	Rivets • Rivets
49.030.60	Rivets • Rivets
01.040.43	Road • Road vehicle engineering (Vocabularies)
03.220.20	Road • Road transport
43	Road • Road vehicles engineering
43.020	Road • Road vehicles in general
43.040	Road • Road vehicle systems
43.040.01	Road • Road vehicle systems in general
43.040.99	Road • Other road vehicle systems
43.060	Road • Internal combustion engines for road vehicles
43.060.01	Road • Internal combustion engines for road vehicles in general
43.120	Road • Electric road vehicles
83.160.10	Road • Road vehicle tyres
93.080	Road • Road engineering
93.080.01	Road • Road engineering in general
93.080.10	Road • Road construction
93.080.20	Road • Road construction materials
93.080.30	Road • Road equipment and installations
93.080.99	Road • Other standards related to road engineering
25.040.30	Robots • Industrial robots. Manipulators
77.140.60	Rods • Steel bars and rods
21.100.20	Rolling • Rolling bearings
25.120.20	Rolling • Rolling, extruding and drawing equipment
45.060	Rolling • Railway rolling stock
45.060.01	Rolling • Railway rolling stock in general
91.060.20	Roofs • Roofs
21.220.20	Rope • Cable or rope drives and their components
59.080.50	Ropes • Ropes
77.140.65	Ropes • Steel wire, wire ropes and link chains
93.110	Ropeways • Construction of ropeways
21.240	Rotary-reciprocating • Rotary-reciprocating mechanisms and their parts
29.160	Rotating • Rotating machinery
29.160.01	Rotating • Rotating machinery in general
29.160.10	Rotating • Components for rotating machines
29.160.99	Rotating • Other standards related to rotating machinery
01.040.83	Rubber • Rubber and plastics industries (Vocabularies)
29.035.20	Rubber • Plastics and rubber insulating materials

49.025.40	Rubber • Rubber and plastics
83	Rubber • Rubber and plastic industries
83.020	Rubber • Manufacturing processes in the rubber and plastics industries
83.040	Rubber • Raw materials for rubber and plastics
83.040.01	Rubber • Raw materials for rubber and plastics in general
83.040.10	Rubber • Latex and raw rubber
83.040.20	Rubber • Rubber compounding ingredients
83.060	Rubber • Rubber
83.140	Rubber • Rubber and plastics products
83.140.01	Rubber • Rubber and plastics products in general
83.140.99	Rubber • Other rubber and plastics products
83.200	Rubber • Equipment for the rubber and plastics industries

S

55.080	Sacks • Sacks. Bags
01.040.13	Safety • Environment. Health protection. Safety (Vocabularies)
13	Safety • Environment. Health protection. Safety
13.100	Safety • Occupational safety. Industrial hygiene
13.110	Safety • Safety of machinery
13.120	Safety • Domestic safety
27.120.20	Safety • Nuclear power plants. Safety
71.060.50	Salts • Salts
91.140.70	Sanitary • Sanitary installations
33.060.30	Satellite • Radio relay and fixed satellite communications systems
33.070.40	Satellite • Satellite
25.080.60	Sawing • Sawing machines
79.040	Sawlogs • Wood, sawlogs and sawn timber
79.040	Sawn • Wood, sawlogs and sawn timber
25.100.40	Saws • Saws
07.140	Science • Forensic science
11.020.20	Science • Medical science
35.240.70	Science • IT applications in science
01.040.07	Sciences • Natural and applied sciences (Vocabularies)
01.140	Sciences • Information sciences. Publishing
01.140.20	Sciences • Information sciences
07	Sciences • Natural and applied sciences
11.020	Sciences • Medical sciences and health care facilities in general
21.040	Screw • Screw threads
21.040.01	Screw • Screw threads in general
21.040.10	Screw • Metric screw threads
21.040.20	Screw • Inch screw threads
21.040.30	Screw • Special screw threads
49.030.10	Screw • Screw threads
21.060.10	Screws • Bolts, screws, studs

49.030.20	Screws • Bolts, screws, studs
47.040	Seagoing • Seagoing vessels
91.100.50	Sealing • Binders. Sealing materials
21.140	Seals • Seals, glands
23.040.80	Seals • Seals for pipe and hose assemblies
23.100.60	Seals • Filters, seals and contamination of fluids
83.140.50	Seals • Seals
29.220.20	Secondary • Acid secondary cells and batteries
29.220.30	Secondary • Alkaline secondary cells and batteries
35.030	Security • IT Security
91.120.25	Seismic • Seismic and vibration protection
79.080	Semi-manufactures • Semi-manufactures of timber
77.140.50	Semi-products • Flat steel products and semi-products
29.045	Semiconducting • Semiconducting materials
31.080	Semiconductor • Semiconductor devices
31.080.01	Semiconductor • Semiconductor devices in general
31.080.99	Semiconductor • Other semiconductor devices
67.240	Sensory • Sensory analysis
49.100	Service • Ground service and maintenance equipment
01.040.03	Services • Services. Company organization, management and quality. Administration. Transport. Sociology. (Vocabularies)
03	Services • Services. Company organization, management and quality. Administration. Transport. Sociology
03.080	Services • Services
03.080.01	Services • Services in general
03.080.10	Services • Maintenance services. Facilities management
03.080.20	Services • Services for companies
03.080.30	Services • Services for consumers
03.080.99	Services • Other services
03.240	Services • Postal services
11.020.10	Services • Health care services in general
33.030	Services • Telecommunication services. Applications
33.070	Services • Mobile services
33.070.01	Services • Mobile services in general
33.070.99	Services • Other mobile services
33.080	Services • Integrated Services Digital Network (ISDN)
35.240.69	Services • IT applications in postal services
35.100.50	Session • Session layer
29.160.40	Sets • Generating sets
35.040.10	Sets • Coding of character sets
13.060.30	Sewage • Sewage water
23.040.05	Sewage • Pipelines and its parts for external sewage systems
93.030	Sewage • External sewage systems
61.080	Sewing • Sewing machines and other equipment for the clothing industry
21.120	Shafts • Shafts and couplings
21.120.01	Shafts • Shafts and couplings in general
21.120.10	Shafts • Shafts
21.120.99	Shafts • Other standards related to shafts and couplings
91.060.40	Shafts • Chimneys, shafts, ducts

25.120.10	Shears • Forging equipment. Presses. Shears
83.140.10	Sheets • Films and sheets
83.140.20	Sheets • Laminated sheets
97.130.10	Shelving • Shelving
01.040.47	Shipbuilding • Shipbuilding and marine structures (Vocabularies)
47	Shipbuilding • Shipbuilding and marine structures
47.020	Shipbuilding • Shipbuilding and marine structures in general
47.020.01	Shipbuilding • General standards related to shipbuilding and marine structures
47.020.05	Shipbuilding • Materials and components for shipbuilding
47.020.99	Shipbuilding • Other standards related to shipbuilding and marine structures
47.020.60	Ships • Electrical equipment of ships and of marine structures
13.160	Shock • Vibration and shock with respect to human beings
13.260	Shock • Protection against electric shock. Live working
17.160	Shock • Vibrations, shock and vibration measurements
97.130	Shop • Shop fittings
97.130.01	Shop • Shop fittings in general
97.130.99	Shop • Other shop fittings
19.120	Sieving • Particle size analysis. Sieving
11.180.30	Sighted • Aids for blind or partially sighted people
33.040.30	Signalling • Switching and signalling systems
43.040.20	Signalling • Lighting, signalling and warning devices
01.080.10	Signs • Public information symbols. Signs. Plates. Labels
71.100.55	Silicones • Silicones
65.020.40	Silviculture • Landscaping and silviculture
19.120	Size • Particle size analysis. Sieving
59.140.20	Skins • Raw skins, hides and pelts
21.060.60	Sleeves • Rings, bushes, sleeves, collars
13.340.60	Slipping • Protection against falling and slipping
13.030.20	Sludge • Liquid wastes. Sludge
59.080.80	Smart • Smart textiles
01.040.03	Sociology • Services. Company organization, management and quality. Administration. Transport. Sociology. (Vocabularies)
03	Sociology • Services. Company organization, management and quality. Administration. Transport. Sociology
03.020	Sociology • Sociology. Demography
29.120.30	Socket-outlets • Plugs, socket-outlets, couplers
35.080	Software • Software
13.080	Soil • Soil quality. Pedology
13.080.01	Soil • Soil quality and pedology in general
13.080.99	Soil • Other standards related to soil quality
65.060.20	Soil-working • Soil-working equipment
13.080.05	Soils • Examination of soils in general
13.080.10	Soils • Chemical characteristics of soils
13.080.20	Soils • Physical properties of soils
13.080.30	Soils • Biological properties of soils
13.080.40	Soils • Hydrological properties of soils
27.160	Solar • Solar energy engineering
25.160	Soldering • Welding, brazing and soldering
25.160.01	Soldering • Welding, brazing and soldering in general

25.160.50	Soldering • Brazing and soldering
13.030.10	Solid • Solid wastes
27.060.10	Solid • Liquid and solid fuel burners
75.160.10	Solid • Solid fuels
97.100.30	Solid • Solid fuel heaters
87.060.30	Solvents • Solvents
91.100.60	Sound • Thermal and sound insulating materials
91.120.20	Sound • Acoustics in building. Sound insulation
13.040.40	Source • Stationary source emissions
27.190	Sources • Biological sources and alternative sources of energy
97.100.99	Sources • Heaters using other sources of energy
65.060.30	Sowing • Sowing and planting equipment
01.040.49	Space • Aircraft and space vehicle engineering (Vocabularies)
49	Space • Aircraft and space vehicle engineering
49.020	Space • Aircraft and space vehicles in general
49.140	Space • Space systems and operations
47.020.80	Spaces • Accommodation spaces
47.020.85	Spaces • Cargo spaces
67.220	Spices • Spices and condiments. Food additives
67.220.10	Spices • Spices and condiments
59.120.10	Spinning • Spinning, twisting and texturing machines
21.120.30	Splines • Keys and keyways, splines
55.060	Spools • Spools. Bobbins
01.040.97	Sports • Domestic and commercial equipment. Entertainment. Sports (Vocabularies)
97	Sports • Domestic and commercial equipment. Entertainment. Sports
97.220	Sports • Sports equipment and facilities
97.220.01	Sports • Sports equipment and facilities in general
97.220.10	Sports • Sports facilities
97.220.20	Sports • Winter sports equipment
97.220.30	Sports • Indoor sports equipment
97.220.40	Sports • Outdoor and water sports equipment
97.220.99	Sports • Other sports equipment and facilities
77.140.25	Spring • Spring steels
21.160	Springs • Springs
97.200.10	Stage • Theatre, stage and studio equipment
77.140.20	Stainless • Stainless steels
91.060.30	Stairs • Ceilings. Floors. Stairs
01	Standardization • Generalities. Terminology. Standardization. Documentation
01.040.01	Standardization • Generalities. Terminology. Standardization. Documentation (Vocabularies)
01.120	Standardization • Standardization. General rules
21.060.70	Staples • Clamps and staples
67.180	Starch • Sugar. Sugar products. Starch
67.180.20	Starch • Starch and derived products
13.040.40	Stationary • Stationary source emissions
23.020.10	Stationary • Stationary containers and tanks
27.100	Stations • Power stations in general
03.120.30	Statistical • Application of statistical methods
27.040	Steam • Gas and steam turbines. Steam engines
23.040.10	Steel • Iron and steel pipes

77.140	Steel • Iron and steel products
77.140.01	Steel • Iron and steel products in general
77.140.50	Steel • Flat steel products and semi-products
77.140.60	Steel • Steel bars and rods
77.140.65	Steel • Steel wire, wire ropes and link chains
77.140.70	Steel • Steel profiles
77.140.75	Steel • Steel pipes and tubes for specific use
77.140.80	Steel • Iron and steel castings
77.140.85	Steel • Iron and steel forgings
77.140.99	Steel • Other iron and steel products
91.080.13	Steel • Steel structures
49.025.10	Steels • Steels
77.080.20	Steels • Steels
77.140.10	Steels • Heat-treatable steels
77.140.15	Steels • Steels for reinforcement of concrete
77.140.20	Steels • Stainless steels
77.140.25	Steels • Spring steels
77.140.30	Steels • Steels for pressure purposes
77.140.35	Steels • Tool steels
77.140.40	Steels • Steels with special magnetic properties
77.140.45	Steels • Non-alloyed steels
11.080	Sterilization • Sterilization and disinfection
11.080.01	Sterilization • Sterilization and disinfection in general
11.080.99	Sterilization • Other standards related to sterilization and disinfection
11.080.30	Sterilized • Sterilized packaging
11.080.10	Sterilizing • Sterilizing equipment
45.060	Stock • Railway rolling stock
45.060.01	Stock • Railway rolling stock in general
45.060.10	Stock • Tractive stock
45.060.20	Stock • Trailing stock
23.020	Storage • Fluid storage devices
23.020.01	Storage • Fluid storage devices in general
23.020.99	Storage • Other fluid storage devices
35.220	Storage • Data storage devices
35.220.01	Storage • Data storage devices in general
35.220.20	Storage • Magnetic storage devices in general
35.220.30	Storage • Optical storage devices
35.220.99	Storage • Other data storage devices
53.080	Storage • Storage equipment
65.040.20	Storage • Buildings and installations for processing and storage of agricultural produce
65.060.25	Storage • Equipment for storage, preparation and distribution of fertilizers
55.220	Storing • Storing. Warehousing
93.080.40	Street • Street lighting and related equipment
47.020.10	Structure • Hulls and their structure elements
49.045	Structure • Structure and structure elements
01.040.47	Structures • Shipbuilding and marine structures (Vocabularies)
31.240	Structures • Mechanical structures for electronic equipment
47	Structures • Shipbuilding and marine structures
47.020	Structures • Shipbuilding and marine structures in general

47.020.01	Structures • General standards related to shipbuilding and marine structures
47.020.60	Structures • Electrical equipment of ships and of marine structures
47.020.99	Structures • Other standards related to shipbuilding and marine structures
65.040	Structures • Farm buildings, structures and installations
91.080	Structures • Structures of buildings
91.080.01	Structures • Structures of buildings in general
91.080.10	Structures • Metal structures
91.080.13	Structures • Steel structures
91.080.17	Structures • Aluminium structures
91.080.20	Structures • Timber structures
91.080.40	Structures • Concrete structures
91.080.99	Structures • Other structures
91.090	Structures • External structures
97.200.10	Studio • Theatre, stage and studio equipment
21.060.10	Studs • Bolts, screws, studs
49.030.20	Studs • Bolts, screws, studs
65.120	Stuffs • Animal feeding stuffs
13.060.50	Substances • Examination of water for chemical substances
29.240.10	Substations • Substations. Surge arresters
67.140.20	Substitutes • Coffee and coffee substitutes
67.180	Sugar • Sugar. Sugar products. Starch
67.180.10	Sugar • Sugar and sugar products
29.050	Superconductivity • Superconductivity and conducting materials
97.130.30	Supermarket • Trolleys for supermarket purposes
29.200	Supply • Rectifiers. Converters. Stabilized power supply
91.140.40	Supply • Gas supply systems
91.140.50	Supply • Electricity supply systems
91.140.60	Supply • Water supply systems
25.220	Surface • Surface treatment and coating
25.220.01	Surface • Surface treatment and coating in general
25.220.10	Surface • Surface preparation
25.220.20	Surface • Surface treatment
71.100.40	Surface • Surface active agents
17.040.20	Surfaces • Properties of surfaces
29.240.10	Surge • Substations. Surge arresters
11.040.40	Surgery • Implants for surgery, prosthetics and orthotics
11.040.30	Surgical • Surgical instruments and materials
43.040.50	Suspensions • Transmissions, suspensions
13.020.20	Sustainability • Environmental economics. Sustainability
29.120.40	Switches • Switches
31.220.20	Switches • Switches
29.130	Switchgear • Switchgear and controlgear
29.130.01	Switchgear • Switchgear and controlgear in general
29.130.10	Switchgear • High voltage switchgear and controlgear
29.130.20	Switchgear • Low voltage switchgear and controlgear
29.130.99	Switchgear • Other switchgear and controlgear
33.040.30	Switching • Switching and signalling systems
01.075	Symbols • Character symbols
01.080	Symbols • Graphical symbols

01.080.01	Symbols • Graphical symbols in general
01.080.10	Symbols • Public information symbols. Signs. Plates. Labels
01.080.20	Symbols • Graphical symbols for use on specific equipment
01.080.30	Symbols • Graphical symbols for use on mechanical engineering and construction drawings, diagrams, plans, maps and in relevant technical product documentation
01.080.40	Symbols • Graphical symbols for use on electrical and electronics engineering drawings, diagrams, charts and in relevant technical product documentation
01.080.50	Symbols • Graphical symbols for use on information technology and telecommunications technical drawings and in relevant technical product documentation
01.080.99	Symbols • Other graphical symbols
33.120.20	Symmetrical • Wires and symmetrical cables
11.040.25	Syringes • Syringes, needles and catheters
23.100.99	System • Other fluid power system components
33.070.50	System • Global System for Mobile Communication (GSM)

T

97.040.20	Tables • Cooking ranges, working tables, ovens and similar appliances
23.020.10	Tanks • Stationary containers and tanks
31.060.40	Tantalum • Tantalum electrolytic capacitors
35.220.10	Tapes • Paper cards and tapes
35.220.22	Tapes • Magnetic tapes
35.220.23	Tapes • Cassettes and cartridges for magnetic tapes
25.100.50	Taps • Taps and threading dies
67.140	Tea • Tea. Coffee. Cocoa
67.140.10	Tea • Tea
01.080.30	Technical • Graphical symbols for use on mechanical engineering and construction drawings, diagrams, plans, maps and in relevant technical product documentation
01.080.40	Technical • Graphical symbols for use on electrical and electronics engineering drawings, diagrams, charts and in relevant technical product documentation
01.080.50	Technical • Graphical symbols for use on information technology and telecommunications technical drawings and in relevant technical product documentation
01.100	Technical • Technical drawings
01.100.01	Technical • Technical drawings in general
01.100.27	Technical • Technical drawings for telecommunications and information technology fields
01.100.99	Technical • Other standards related to technical drawings
01.110	Technical • Technical product documentation
91.010.30	Technical • Technical aspects
33.030	Telecommunication • Telecommunication services. Applications
33.040	Telecommunication • Telecommunication systems
33.040.01	Telecommunication • Telecommunication systems in general
33.040.99	Telecommunication • Other equipment for telecommunication systems
33.050	Telecommunication • Telecommunication terminal equipment
33.050.01	Telecommunication • Telecommunication terminal equipment in general
33.050.99	Telecommunication • Other telecommunication terminal equipment

01.040.33	Telecommunications • Telecommunications. Audio and video engineering (Vocabularies)
01.080.50	Telecommunications • Graphical symbols for use on information technology and telecommunications technical drawings and in relevant technical product documentation
01.100.27	Telecommunications • Technical drawings for telecommunications and information technology fields
33.1220	Telecommunications • Electromechanical components for electronic and telecommunications equipment
33	Telecommunications • Telecommunications. Audio and video engineering
33.020	Telecommunications • Telecommunications in general
33.040.60	Telecommunications • Powerline telecommunications
33.070.30	Telecommunications • Digital Enhanced Cordless Telecommunications (DECT)
33.120	Telecommunications • Components and accessories for telecommunications equipment
33.140	Telecommunications • Special measuring equipment for use in telecommunications
33.160.60	Teleconferencing • Multimedia systems and teleconferencing equipment
33.200	Telecontrol • Telecontrol. Telemetry
33.050.30	Telefax • Equipment for telex, teletext, telefax
33.200	Telemetry • Telecontrol. Telemetry
33.040.35	Telephone • Telephone networks
33.050.10	Telephone • Telephone equipment
33.050.30	Teletext • Equipment for telex, teletext, telefax
33.160.25	Television • Television receivers
33.170	Television • Television and radio broadcasting
33.050.30	Telex • Equipment for telex, teletext, telefax
17.200	Temperature • Thermodynamics and temperature measurements
17.200.20	Temperature-measuring • Temperature-measuring instruments
33.050	Terminal • Telecommunication terminal equipment
33.050.01	Terminal • Telecommunication terminal equipment in general
33.050.99	Terminal • Other telecommunication terminal equipment
35.180	Terminal • IT terminal and other peripheral equipment
01	Terminology • Generalities. Terminology. Standardization. Documentation
01.020	Terminology • Terminology (principles and coordination)
01.040.01	Terminology • Generalities. Terminology. Standardization. Documentation (Vocabularies)
91.100.25	Terracotta • Terracotta building products
33.070.10	Terrestrial • Terrestrial Trunked Radio (TETRA)
01.040.19	Testing • Testing (Vocabularies)
19	Testing • Testing
19.040	Testing • Environmental testing
19.060	Testing • Mechanical testing
19.080	Testing • Electrical and electronic testing
19.100	Testing • Non-destructive testing
77.040	Testing • Testing of metals
77.040.01	Testing • Testing of metals in general
77.040.10	Testing • Mechanical testing of metals
77.040.20	Testing • Non-destructive testing of metals
77.040.99	Testing • Other methods of testing of metals
33.070.10	Tetra • Terrestrial Trunked Radio (TETRA)
01.040.59	Textile • Textile and leather technology (Vocabularies)
59	Textile • Textile and leather technology
59.020	Textile • Processes of the textile industry
59.040	Textile • Textile auxiliary materials
59.060	Textile • Textile fibres

59.060.01	Textile • Textile fibres in general
59.060.99	Textile • Other textile fibres
59.080	Textile • Products of the textile industry
59.080.30	Textile • Textile fabrics
59.080.99	Textile • Other products of the textile industry
59.100.10	Textile • Textile glass materials
59.120	Textile • Textile machinery
59.120.01	Textile • Textile machinery in general
59.120.99	Textile • Other textile machinery
49.025.60	Textiles • Textiles
59.080.01	Textiles • Textiles in general
59.080.80	Textiles • Smart textiles
97.160	Textiles • Home textiles. Linen
59.120.10	Texturing • Spinning, twisting and texturing machines
97.200.10	Theatre • Theatre, stage and studio equipment
11.040.60	Therapy • Therapy equipment
27.220	Thermal • Heat recovery. Thermal insulation
91.100.60	Thermal • Thermal and sound insulating materials
91.120.10	Thermal • Thermal insulation of buildings
31.040.30	Thermistors • Thermistors
17.200	Thermodynamics • Thermodynamics and temperature measurements
17.200.01	Thermodynamics • Thermodynamics in general
17.200.99	Thermodynamics • Other standards related to thermodynamics
83.080.20	Thermoplastic • Thermoplastic materials
83.080.10	Thermosetting • Thermosetting materials
25.100.50	Threading • Taps and threading dies
21.040	Threads • Screw threads
21.040.01	Threads • Screw threads in general
21.040.10	Threads • Metric screw threads
21.040.20	Threads • Inch screw threads
21.040.30	Threads • Special screw threads
49.030.10	Threads • Screw threads
31.080.20	Thyristors • Thyristors
91.100.23	Tiles • Ceramic tiles
79.040	Timber • Wood, sawlogs and sawn timber
79.080	Timber • Semi-manufactures of timber
91.080.20	Timber • Timber structures
17.080	Time • Measurement of time, velocity, acceleration, angular velocity
39.040.99	Time-measuring • Other time-measuring instruments
77.120.60	Tin • Lead, zinc, tin and their alloys
77.150.60	Tin • Lead, zinc and tin products
55.120	Tins • Cans. Tins. Tubes
85.080.20	Tissue • Tissue paper
49.025.30	Titanium • Titanium
77.120.50	Titanium • Titanium and titanium alloys
77.150.50	Titanium • Titanium products
65.160	Tobacco • Tobacco, tobacco products and related equipment
71.100.70	Toiletries • Cosmetics. Toiletries
25.060	Tool • Machine tool systems

25.060.01	Tool • Machine tool systems in general
25.060.99	Tool • Other machine tool systems
77.140.35	Tool • Tool steels
25.060.20	Tool-workpiece • Dividing and tool-workpiece holding devices
25.080	Tools • Machine tools
25.080.01	Tools • Machine tools in general
25.080.99	Tools • Other machine tools
25.100	Tools • Cutting tools
25.100.01	Tools • Cutting tools in general
25.100.10	Tools • Turning tools
25.100.20	Tools • Milling tools
25.100.25	Tools • Tools for planing and broaching machines
25.100.99	Tools • Other cutting tools
25.140	Tools • Hand-held tools
25.140.01	Tools • Hand-held tools in general
25.140.10	Tools • Pneumatic tools
25.140.20	Tools • Electric tools
25.140.30	Tools • Hand-operated tools
25.140.99	Tools • Other hand-held tools
79.120.20	Tools • Woodworking tools
03.200	Tourism • Leisure. Tourism
03.200.01	Tourism • Leisure and tourism in general
03.200.10	Tourism • Adventure tourism
03.200.99	Tourism • Other standards relating to leisure and tourism
91.020	Town • Physical planning. Town planning
97.200.50	Toys • Toys
29.280	Traction • Electric traction equipment
45.060.10	Tractive • Tractive stock
65.060.10	Tractors • Agricultural tractors and trailed vehicles
03.100.20	Trade • Trade. Commercial function. Marketing
35.240.63	Trade • IT applications in trade
65.060.10	Trailed • Agricultural tractors and trailed vehicles
43.080.10	Trailers • Trucks and trailers
43.100	Trailers • Passenger cars. Caravans and light trailers
45.060.20	Trailing • Trailing stock
45.140	Tram • Metro, tram and light rail equipment
01.040.27	Transfer • Energy and heat transfer engineering (Vocabularies)
27	Transfer • Energy and heat transfer engineering
27.010	Transfer • Energy and heat transfer engineering in general
29.180	Transformers • Transformers. Reactors
11.040.20	Transfusion • Transfusion, infusion and injection equipment
31.080.30	Transistors • Transistors
01.140.10	Transliteration • Writing and transliteration
29.240	Transmission • Power transmission and distribution networks
29.240.01	Transmission • Power transmission and distribution networks in general
29.240.20	Transmission • Power transmission and distribution lines
29.240.99	Transmission • Other equipment related to power transmission and distribution networks
33.040.20	Transmission • Transmission systems
21.220	Transmissions • Flexible drives and transmissions

21.220.01	Transmissions • Flexible drives and transmissions in general
21.220.99	Transmissions • Other flexible drives and transmissions
43.040.50	Transmissions • Transmissions, suspensions
33.060.20	Transmitting • Receiving and transmitting equipment
01.040.03	Transport • Services. Company organization, management and quality. Administration. Transport. Sociology. (Vocabularies)
03	Transport • Services. Company organization, management and quality. Administration. Transport. Sociology
03.220	Transport • Transport
03.220.01	Transport • Transport in general
03.220.20	Transport • Road transport
03.220.30	Transport • Transport by rail
03.220.40	Transport • Transport by water
03.220.50	Transport • Air transport
03.220.99	Transport • Other forms of transport
13.040.50	Transport • Transport exhaust emissions
17.140.30	Transport • Noise emitted by means of transport
35.100.40	Transport • Transport layer
35.240.60	Transport • IT applications in transport
53.040.30	Transport • Pneumatic transport and its components
55.180.40	Transport • Complete, filled transport packages
13.030.40	Treatment • Installations and equipment for waste disposal and treatment
25.200	Treatment • Heat treatment
25.220	Treatment • Surface treatment and coating
25.220.01	Treatment • Surface treatment and coating in general
25.220.20	Treatment • Surface treatment
25.220.99	Treatments • Other treatments and coatings
97.130.30	Trolleys • Trolleys for supermarket purposes
43.080.10	Trucks • Trucks and trailers
53.060	Trucks • Industrial trucks
33.070.10	Trunked • Terrestrial Trunked Radio (TETRA)
31.100	Tubes • Electronic tubes
55.120	Tubes • Cans. Tins. Tubes
77.140.75	Tubes • Steel pipes and tubes for specific use
73.100.10	Tubing • Tunnelling and tubing equipment
93.060	Tunnel • Tunnel construction
73.100.10	Tunnelling • Tunnelling and tubing equipment
27.180	Turbine • Wind turbine energy systems
27.040	Turbines • Gas and steam turbines. Steam engines
25.100.10	Turning • Turning tools
59.120.10	Twisting • Spinning, twisting and texturing machines
83.160	Tyres • Tyres
83.160.01	Tyres • Tyres in general
83.160.10	Tyres • Road vehicle tyres
83.160.20	Tyres • Aircraft tyres
83.160.30	Tyres • Tyres for agricultural machinery
83.160.99	Tyres • Other tyres

U

93.020	Underground • Earthworks. Excavations. Foundation construction. Underground works
01.060	Units • Quantities and units
25.060.10	Units • Modular units and other devices
11.100.30	Urine • Analysis of blood and urine

V

23.160	Vacuum • Vacuum technology
23.060	Valves • Valves
23.060.01	Valves • Valves in general
23.060.10	Valves • Globe valves
23.060.20	Valves • Ball and plug valves
23.060.30	Valves • Gate valves
23.060.50	Valves • Check valves
23.060.99	Valves • Other valves
29.035.60	Varnished • Varnished fabrics
87.040	Varnishes • Paints and varnishes
67.200.10	Vegetable • Animal and vegetable fats and oils
67.080	Vegetables • Fruits. Vegetables
67.080.01	Vegetables • Fruits, vegetables and derived products in general
67.080.20	Vegetables • Vegetables and derived products
01.040.43	Vehicle • Road vehicle engineering (Vocabularies)
01.040.49	Vehicle • Aircraft and space vehicle engineering (Vocabularies)
43.040	Vehicle • Road vehicle systems
43.040.01	Vehicle • Road vehicle systems in general
43.040.99	Vehicle • Other road vehicle systems
49	Vehicle • Aircraft and space vehicle engineering
83.160.10	Vehicle • Road vehicle tyres
23.020.20	Vehicles • Vessels and containers mounted on vehicles
43	Vehicles • Road vehicles engineering
43.020	Vehicles • Road vehicles in general
43.060	Vehicles • Internal combustion engines for road vehicles
43.060.01	Vehicles • Internal combustion engines for road vehicles in general
43.080	Vehicles • Commercial vehicles
43.080.01	Vehicles • Commercial vehicles in general
43.080.99	Vehicles • Other commercial vehicles
43.120	Vehicles • Electric road vehicles
43.160	Vehicles • Special purpose vehicles

49.020	Vehicles • Aircraft and space vehicles in general
65.060.10	Vehicles • Agricultural tractors and trailed vehicles
17.080	Velocity • Measurement of time, velocity, acceleration, angular velocity
55.230	Vending • Distribution and vending machines
47.020.90	Ventilation • Marine ventilation, air conditioning and heating systems
73.100.20	Ventilation • Ventilation, air-conditioning and illumination equipment
91.140.30	Ventilation • Ventilation and air-conditioning systems
23.120	Ventilators • Ventilators. Fans. Air-conditioners
23.020.20	Vessels • Vessels and containers mounted on vehicles
23.020.30	Vessels • Pressure vessels
23.020.40	Vessels • Cryogenic vessels
47.040	Vessels • Seagoing vessels
47.060	Vessels • Inland navigation vessels
71.120.10	Vessels • Reaction vessels and their components
11.220	Veterinary • Veterinary medicine
13.160	Vibration • Vibration and shock with respect to human beings
17.160	Vibration • Vibrations, shock and vibration measurements
91.120.25	Vibration • Seismic and vibration protection
17.160	Vibrations • Vibrations, shock and vibration measurements
01.040.33	Video • Telecommunications. Audio and video engineering (Vocabularies)
33	Video • Telecommunications. Audio and video engineering
33.160	Video • Audio, video and audiovisual engineering
33.160.01	Video • Audio, video and audiovisual systems in general
33.160.40	Video • Video systems
33.160.99	Video • Other audio, video and audiovisual equipment
35.040.40	Video • Coding of audio, video, multimedia and hypermedia information
17.060	Viscosity • Measurement of volume, mass, density, viscosity
65.060.60	Viticultural • Viticultural and wine-making equipment
11.100.10	Vitro • In vitro diagnostic test systems
01.040	Vocabularies • Vocabularies
01.040.01	Vocabularies • Generalities. Terminology. Standardization. Documentation (Vocabularies)
01.040.03	Vocabularies • Services. Company organization, management and quality. Administration. Transport. Sociology. (Vocabularies)
01.040.07	Vocabularies • Natural and applied sciences (Vocabularies)
01.040.11	Vocabularies • Health care technology (Vocabularies)
01.040.13	Vocabularies • Environment. Health protection. Safety (Vocabularies)
01.040.17	Vocabularies • Metrology and measurement. Physical phenomena (Vocabularies)
01.040.19	Vocabularies • Testing (Vocabularies)
01.040.21	Vocabularies • Mechanical systems and components for general use (Vocabularies)
01.040.23	Vocabularies • Fluid systems and components for general use (Vocabularies)
01.040.25	Vocabularies • Manufacturing engineering (Vocabularies)
01.040.27	Vocabularies • Energy and heat transfer engineering (Vocabularies)
01.040.29	Vocabularies • Electrical engineering (Vocabularies)
01.040.31	Vocabularies • Electronics (Vocabularies)
01.040.33	Vocabularies • Telecommunications. Audio and video engineering (Vocabularies)
01.040.35	Vocabularies • Information technology (Vocabularies)
01.040.37	Vocabularies • Image technology (Vocabularies)
01.040.39	Vocabularies • Precision mechanics. Jewellery (Vocabularies)
01.040.43	Vocabularies • Road vehicle engineering (Vocabularies)

01.040.45	Vocabularies • Railway engineering (Vocabularies)
01.040.47	Vocabularies • Shipbuilding and marine structures (Vocabularies)
01.040.49	Vocabularies • Aircraft and space vehicle engineering (Vocabularies)
01.040.53	Vocabularies • Materials handling equipment (Vocabularies)
01.040.55	Vocabularies • Packaging and distribution of goods (Vocabularies)
01.040.59	Vocabularies • Textile and leather technology (Vocabularies)
01.040.61	Vocabularies • Clothing industry (Vocabularies)
01.040.65	Vocabularies • Agriculture (Vocabularies)
01.040.67	Vocabularies • Food technology (Vocabularies)
01.040.71	Vocabularies • Chemical technology (Vocabularies)
01.040.73	Vocabularies • Mining and minerals (Vocabularies)
01.040.75	Vocabularies • Petroleum and related technologies (Vocabularies)
01.040.77	Vocabularies • Metallurgy (Vocabularies)
01.040.79	Vocabularies • Wood technology (Vocabularies)
01.040.81	Vocabularies • Glass and ceramics industries (Vocabularies)
01.040.83	Vocabularies • Rubber and plastics industries (Vocabularies)
01.040.85	Vocabularies • Paper technology (Vocabularies)
01.040.87	Vocabularies • Paint and colour industries (Vocabularies)
01.040.91	Vocabularies • Construction materials and building (Vocabularies)
01.040.93	Vocabularies • Civil engineering (Vocabularies)
01.040.95	Vocabularies • Military Affairs. Military engineering. Weapons (Vocabularies)
01.040.97	Vocabularies • Domestic and commercial equipment. Entertainment. Sports (Vocabularies)
29.130.10	Voltage • High voltage switchgear and controlgear
29.130.20	Voltage • Low voltage switchgear and controlgear
17.060	Volume • Measurement of volume, mass, density, viscosity
75.180.30	Volumetric • Volumetric equipment and measurements

W

91.060.10	Walls • Walls. Partitions. Façades
71.040.20	Ware • Laboratory ware and related apparatus
55.220	Warehousing • Storing. Warehousing
13.320	Warning • Alarm and warning systems
43.040.20	Warning • Lighting, signalling and warning devices
21.060.30	Washers • Washers, locking elements
49.030.50	Washers • Washers and other locking elements
13.030.40	Waste • Installations and equipment for waste disposal and treatment
13.030	Wastes • Wastes
13.030.01	Wastes • Wastes in general
13.030.10	Wastes • Solid wastes
13.030.20	Wastes • Liquid wastes. Sludge
13.030.30	Wastes • Special wastes
13.030.99	Wastes • Other standards related to wastes
39.040.10	Watches • Watches
03.220.40	Water • Transport by water

07.100.20	Water • Microbiology of water
13.060	Water • Water quality
13.060.01	Water • Water quality in general
13.060.10	Water • Water of natural resources
13.060.20	Water • Drinking water
13.060.25	Water • Water for industrial use
13.060.30	Water • Sewage water
13.060.45	Water • Examination of water in general
13.060.50	Water • Examination of water for chemical substances
13.060.60	Water • Examination of physical properties of water
13.060.70	Water • Examination of biological properties of water
13.060.99	Water • Other standards related to water quality
23.040.03	Water • Pipelines and its parts for external water conveyance systems
71.100.80	Water • Chemicals for purification of water
91.140.60	Water • Water supply systems
91.140.65	Water • Water heating equipment
93.025	Water • External water conveyance systems
97.220.40	Water • Outdoor and water sports equipment
91.120.30	Waterproofing • Waterproofing
93.140	Waterways • Construction of waterways, ports and dykes
33.120.10	Waveguides • Coaxial cables. Waveguides
75.140	Waxes • Waxes, bituminous materials and other petroleum products
01.040.95	Weapons • Military Affairs. Military engineering. Weapons (Vocabularies)
95	Weapons • Military affairs. Military engineering. Weapons
95.060	Weapons • Weapons
59.120.30	Weaving • Looms. Weaving machines
17.100	Weight • Measurement of force, weight and pressure
25.160.40	Welded • Welded joints and welds
25.160	Welding • Welding, brazing and soldering
25.160.01	Welding • Welding, brazing and soldering in general
25.160.10	Welding • Welding processes
25.160.20	Welding • Welding consumables
25.160.30	Welding • Welding equipment
25.160.40	Welds • Welded joints and welds
27.180	Wind • Wind turbine energy systems
59.120.20	Winding • Winding machines and equipment
91.060.50	Windows • Doors and windows
65.060.60	Wine-making • Viticultural and wine-making equipment
97.220.20	Winter • Winter sports equipment
43.040.65	Wiper • Glazing and wiper systems
77.140.65	Wire • Steel wire, wire ropes and link chains
29.060	Wires • Electrical wires and cables
29.060.01	Wires • Electrical wires and cables in general
29.060.10	Wires • Wires
33.120.20	Wires • Wires and symmetrical cables
01.040.79	Wood • Wood technology (Vocabularies)
79	Wood • Wood technology
79.020	Wood • Wood technology processes
79.040	Wood • Wood, sawlogs and sawn timber

79.060	Wood-based • Wood-based panels
79.060.01	Wood-based • Wood-based panels in general
79.060.99	Wood-based • Other wood-based panels
71.100.50	Wood-protecting • Wood-protecting chemicals
79.120	Woodworking • Woodworking equipment
79.120.01	Woodworking • Woodworking equipment in general
79.120.10	Woodworking • Woodworking machines
79.120.20	Woodworking • Woodworking tools
79.120.99	Woodworking • Other woodworking equipment
35.240.20	Work • IT applications in office work
13.040.30	Workplace • Workplace atmospheres
93.020	Works • Earthworks. Excavations. Foundation construction. Underground works
01.140.10	Writing • Writing and transliteration

Y

59.080.20	Yarns • Yarns
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Z

77.120.60	Zinc • Lead, zinc, tin and their alloys
77.150.60	Zinc • Lead, zinc and tin products
07.080	Zoology • Biology. Botany. Zoology

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