

iPROJEX – Infopro

Data file structure and contents (XML format)

Version	Date	Author	Modifications description
1.0	2012-05-22	EDP/CC	Initial version

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1 Purpose

This document is intended to complement the [iPROJEX General User Guide](#) which explains:

- how to use the iPROJEX tool
- the different steps to perform when using iPROJEX (common to all modules)

The aim of this documentation is to give you detailed information on the Infopro module (XML format):

- detailed information on the XML file structure (schema, field names, description...)
- explanation of all error and warning messages (displayed on the screen or included in the log files)

2 Introduction to the business area

The Information Procedure on Standards (Infopro) is also called Notification Procedure (Directive 98/34/EC).

According to this procedure, national bodies are requested to notify any new national standardization work to CCMC. The new work should be notified at the earliest possible stage at which the definition of the project has reached some stability.

The aim of the procedure is to leave enough time to interested parties established in other Member states to be informed of the project and to react.

Notification of new work should take place before the public enquiry is launched. Voting periods are usually rather short (a few weeks) and considering the time needed to reach the interested experts, notifications at enquiry stage do not enable the original aim of the system to be met and are considered as late notifications.

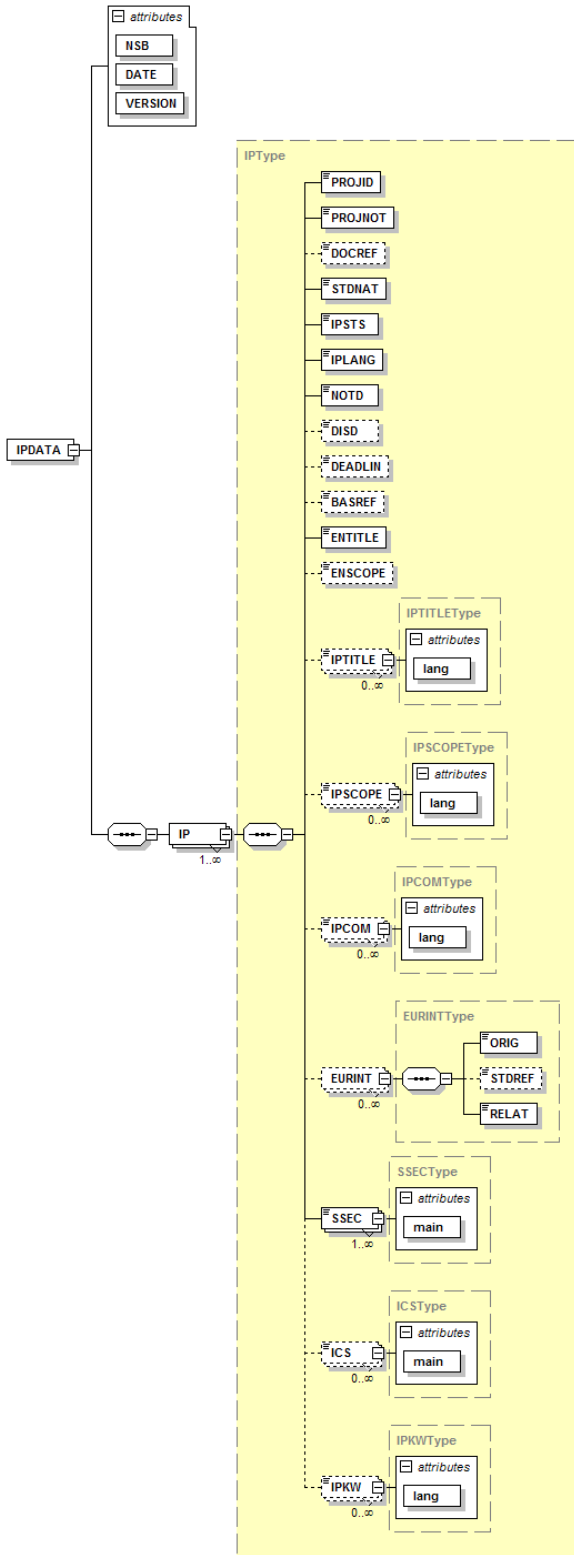
Any new subject to result in a national standard (except work identical to European or international work) started at national level has to be notified via iPROJEX. Amendments to/revisions of existing standards have also to be notified unless identical to European or international work.

Only one notification is required per project unless major changes are identified.

See [CEN BOSS](#) for further details.

3 XML file structure

3.1 Schema



3.2 Data fields

3.2.1 Header info

Name	Type	Data	Description	Obligation
NSB	String	Organisation name	CEN or CENELEC member or affiliate name. Examples: AFNOR, UTE, NEN, DKE, UNI, DPS, SII...	Compulsory
DATE	Date	Date of file	Date the file was generated (in format YYYY-MM-DD) Example: 2012-04-27	Compulsory
VERSION	Integer	Version number	= 1	Compulsory

3.2.2 Infopro notifications information

Name	Type	Data	Description	Obligation
PROJID	String	Project identification	Alpha-numeric code uniquely identifying a project. 8 characters maximum.	Compulsory
PROJNOT	Integer	Project notification number	Sequence number of the notification, i.e. 1 = first notification, 2 = second notification...	Compulsory
DOCREF	String	Document identifier	Reference of the document at the time of the notification.	Optional
STDNAT	String	Standard nature	Specification of the nature of the future national publication. <u>Values:</u> - 'Standard' - 'Other'	Compulsory
IPSTS	Integer	Project status	Specifies the stage of progress at the time of notification. <u>Values:</u> - 1 = Project established - 2 = Draft for public enquiry - 3 = Published standard - 4 = Merging - 5 = Splitting - 6 = Not active	Compulsory

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Name	Type	Data	Description	Obligation
IPLANG	String	Language of project	Language code indicating the language of the national project (ISO 639). Examples: it, lv, es...	Compulsory
NOTD	Date	Notification date	Date at which the NSB has notified CCMC of the project.	Compulsory
DISD	Date	Draft issue date	Date of submission of a national draft standard to public enquiry.	Optional
DEADLIN	Date	Latest date for comments	Deadline for submission of comments on a national draft standard circulated for public enquiry.	Optional
BASREF	String	Basis national reference	Identifies one (or more) national technical document(s) which are revised/amended and are the subject of the notification.	Optional
ENTITLE	String	English title	The title of the national project in English.	Compulsory
ENSCOPE	String	English scope	The scope of the national project in English.	Optional
IPTITLE	String	National title	Title of the national project in one of the CEN member languages	Optional
lang	String	Language	Language code (ISO 639) of the title of the national project	Compulsory if a non English title is provided
IPSCOPE	String	National scope	Scope of the national project in one of the CEN member languages	Optional
lang	String	Language	Language code (ISO 639) of the scope of the national project	Compulsory if a non English scope is provided
IPCOM	String	National comment	National comment in one of the CEN member languages	Optional
lang	String	Language	Language code (ISO 639) of the national comment	Compulsory if a national comment is provided
ORIG	String	Originating level	Originating level (European or international) <u>Values:</u> - European - International	Compulsory if there is a relationship with a non national standard

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Name	Type	Data	Description	Obligation
STDREF	String	Non national standard reference	Designates the international or European work to which the national project is related	Optional
RELAT	String	Relationship	Identifies the relation between the national project and the European and/or International standards (cf ISO/IEC Guide 21-1:2005) <u>Values:</u> - 'Identical' - 'Modified' - 'Not equivalent'	Compulsory if there is a relationship with a non national standard
SSEC	String	Main subsector	Sector/sub-sector classification code allocated to the national project. Examples: C01, H04, A05... See list of subsectors in Annex 2	Compulsory
main	Integer	Main flag	Flag used to indicate the principle sector/sub-sector code. <u>Values:</u> - 1 = Main subsector - 0 = Secondary subsector	Compulsory
ICS	String	Main ICS	ICS classification code allocated to the national project. Only the main ICS should be encoded in this field. Secondary ICS are encoded in sheet "ICS". Examples: 01.040.25, 49.030.50	Optional
main	Integer	Main flag	Flag used to indicate the principle ICS code. <u>Values:</u> - 1 = Main ICS - 0 = Secondary ICS	Compulsory
IPKW	String	English keyword	Keyword(s) in English.	Optional
lang	String	Language	Language code (ISO 639)	Compulsory if keywords are provided

4 Errors and Warnings

Reminder:

An **Error** is a problem which will prevent the data record from being loaded into the CCMC database.

A **Warning** does not prevent the data record from being loaded but should be noted and possibly investigated by the user.

4.1 Error messages

Error message	Explanation	Action to be taken
This National Standardization Body does not exist in the CCMC database. Please give correct information.	The national member or affiliate name contained in the file is not valid. This could potentially occur when your organization has recently changed name.	Re-check your organization name and otherwise contact the CCMC Database Unit (dataservice@cencenelec.eu)
No data will be added. NSB indicated in the data file does not correspond to your user profile.	This could potentially occur when your organization has recently changed name.	Re-check your organization name and otherwise contact the CCMC Database Unit (dataservice@cencenelec.eu)
The National Project is already present in the CCMC database with the same information. No data will be loaded.	The data is already registered in the CCMC central database.	No action needed.
No data will be loaded. PROJID contains more than 8 characters.	The Project identification has more than 8 characters.	Re-check your project identification. It should not have more than 8 characters.
Compulsory field PROJID missing. No data will be loaded.	Missing compulsory information 'PROJID'	Fill in the field 'PROJID' before uploading your file.
Compulsory field PROJNOT missing. No data will be loaded.	Missing compulsory information 'PROJNOT'	Fill in the field 'PROJNOT' before uploading your file.
Compulsory field STDNAT missing. No data will be loaded.	Missing compulsory information 'STDNAT'	Fill in the field 'STDNAT' before uploading your file.
Compulsory field IPSTS missing. No data will be loaded.	Missing compulsory information 'IPSTS'	Fill in the field 'IPSTS' before uploading your file.
Compulsory field IPLANG missing. No data will be loaded.	Missing compulsory information 'IPLANG'	Fill in the field 'IPLANG' before uploading your file.
Compulsory field SSEC missing. No data will be loaded.	Missing compulsory information 'SSEC'	Fill in the field 'SSEC' before uploading your file.

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Error message	Explanation	Action to be taken
Compulsory SSEC field MAIN missing. No data will be loaded.	Missing compulsory information 'SSEC/Main'	Fill in the field 'SSEC/Main' before uploading your file.
Compulsory field ENTITLE missing. No data will be loaded.	Missing compulsory information 'ENTITLE'	Fill in the field 'ENTITLE' before uploading your file.
Sub-sector code not present in the CCMC database. No data will be loaded.	The sub-sector code does not exist in the CCMC database.	Re-check your sub-sector code (cf Annex 2) and otherwise contact CCMC (dataservice@cencenelec.eu)
No main sub-sector code defined. No data will be loaded.	There must be at least one main sub-sector. Attention: If only one code is provided then the field 'SSEC/Main' must be set to '1'.	Re-check your sub-sectors: - If there is only one sub-sector allocated to the notification, then put 'Main' = '1' - If there are several sub-sectors allocated to the notification, then check which one is the main and put 'Main' = '1' (for the secondary sub-sectors 'Main' = '0').
SSEC field MAIN contains an invalid value. No data will be loaded.	The compulsory field 'SSEC/Main' contains an incorrect value.	Check and correct the field 'SSEC/Main'. The 2 possible values are: • 0 (= Additional) • 1 (= Main)
STDNAT contains an invalid value. No data will be loaded.	The compulsory field 'STDNAT' contains an incorrect value.	Check and correct the field 'STDNAT'. The 2 possible values are: • Standard • Other
IPSTS contains an invalid value. No data will be loaded.	The compulsory field 'IPSTS' contains an incorrect value.	Check and correct the field 'IPSTS'. The 6 possible values are: • 1 = Project established • 2 = Draft for public enquiry • 3 = Published standard • 4 = Merging • 5 = Splitting • 6 = Not active
Compulsory field NOTD missing. No data will be loaded.	The compulsory field 'NOTD' contains an incorrect value.	Check and correct the field 'NOTDAT'.
SYSTEM ERROR	An unexpected error has occurred.	Contact dataservice@cencenelec.eu .

4.2 Warning messages

Warning message	Explanation	Action to be taken
The Notification of National Project will be assigned in the CCMC database a notification number of <X>	<ul style="list-style-type: none"> - For new notifications: The project notification number does not correspond to 1 - For updates of existing notifications: The project notification number does not correspond to the existing notification number + 1 	No action needed. The correct notification number will be automatically assigned.
IPTITLE field LANG missing. The associated text will not be loaded.	Missing information 'IPTITLE/Lang'	Fill in the field 'IPTITLE/Lang' before uploading your file otherwise your national title won't be loaded in the CCMC database.
Incorrect language code: field IPTITLE/LANG. The associated text will not be loaded.	The language code provided does not correspond to the standard language code (ISO 639)	Re-check and correct your IPTITLE language code before uploading your file otherwise your title won't be loaded in the CCMC database
IPSCOPE field LANG missing. The associated text will not be loaded.	Missing information 'IPSCOPE/Lang'	Fill in the field 'IPSCOPE/Lang' before uploading your file otherwise your national scope won't be loaded in the CCMC database.
Incorrect language code: field IPSCOPE/LANG. The associated text will not be loaded.	The language code provided does not correspond to the standard language code (ISO 639)	Re-check and correct your IPSCOPE language code before uploading your file otherwise your title won't be loaded in the CCMC database
IPCOM field LANG missing. The associated text will not be loaded.	Missing information 'IPCOM/Lang'	Fill in the field 'IPCOM/Lang' before uploading your file otherwise your comment won't be loaded in the CCMC database.
Incorrect language code: field IPCOM/LANG. The associated text will not be loaded.	The language code provided does not correspond to the standard language code (ISO 639)	Re-check and correct your IPCOM language code before uploading your file otherwise your title won't be loaded in the CCMC database
IPKW field LANG missing. The associated text will not be loaded.	Missing information 'IPKW/Lang'	Fill in the field 'IPKW/Lang' before uploading your file otherwise your keywords won't be loaded in the CCMC database.

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Warning message	Explanation	Action to be taken
Incorrect language code: field IPKW/LANG. The associated text will not be loaded.	The language code provided does not correspond to the standard language code (ISO 639)	Re-check and correct your IPKW language code before uploading your file otherwise your title won't be loaded in the CCMC database
ICS code not present in the CCMC database. ICS information will not be loaded.	The ICS code does not exist in the CCMC database.	Re-check your ICS code and otherwise contact CCMC (dataservice@cencenelec.eu)
ICS field MAIN contains an invalid value. ICS information will not be loaded.	The field 'ICS/Main' contains an incorrect value.	Check and correct the field 'ICS/Main'. The 2 possible values are: <ul style="list-style-type: none"> • 0 (= Additional) • 1 (= Main)
No main ICS code defined. ICS information will not be loaded.	There must be at least one main ICS. Attention: If only one code is provided then this field must be set to '1'.	Re-check and correct your ICS before uploading your file otherwise the ICS code won't be loaded in the CCMC database: <ul style="list-style-type: none"> - If there is only one ICS allocated to the notification, then put 'Main' = '1' - If there are several ICS allocated to the notification, then check which one is the main and put 'Main' = '1'.
ICS field MAIN missing. No ICS information will be loaded.	Missing information 'ICS/Main'	Fill in the field 'ICS/Main' before uploading your file otherwise the ICS code won't be loaded in the CCMC database.
Field ORIG missing. The non national standard information will not be loaded.	There is at least one relationship with a non national standard and the field 'ORIG' is missing.	Fill in the field 'ORIG' before uploading your file otherwise your non national standards won't be loaded in the CCMC database.
ORIG contains an invalid value. The non national standard information will not be loaded.	The field 'ORIG' contains an incorrect value.	Check and correct the field 'ORIG' before uploading your file otherwise the non national standard information won't be loaded in the CCMC database. The 2 possible values are: <ul style="list-style-type: none"> • European • International

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Warning message	Explanation	Action to be taken
Field RELAT missing. The non national standard information will not be loaded.	There is at least one relationship with a non national standard and the field 'RELAT' is missing.	Fill in the field 'RELAT' before uploading your file otherwise your non national standards won't be loaded in the CCMC database.
RELAT contains an invalid value. The non national standard information will not be loaded.	The field 'RELAT' contains an incorrect value.	Check and correct the field 'RELAT' before uploading your file otherwise the non national standard information won't be loaded in the CCMC database. The 3 possible values are: <ul style="list-style-type: none">• 'Identical'• 'Modified'• 'Not equivalent'

ANNEX I – iPROJEX documentation per modules

Specific documentations are available for all the modules (per format):

National Implementation	iPROJEX - National Implementation - Data file structure and contents (XML format) iPROJEX - National Implementation - Data file structure and contents (XLS format)
ICS	iPROJEX - ICS - Data file structure and contents (XML format)
National Titles	iPROJEX - National Titles - Data file structure and contents (XML format) iPROJEX - National Titles - Data file structure and contents (XLS format)
Technical Body Titles and Scopes	iPROJEX - TB Titles and Scopes - Data file structure and contents (XML format)
Infopro	iPROJEX - Infopro - Data file structure and contents (XML format) iPROJEX - Infopro - Data file structure and contents (XLS format)
Keymark Certificates	iPROJEX - Keymark - Data file structure and contents (XLS format)

ANNEX II – List of subsectors

CODE	TITLE
A	SERVICES
A01	TOURIST SERVICES
A02	CLEANING SERVICES
A03	POSTAL SERVICES
A04	TRANSPORTATION SERVICES
A05	MAINTENANCE SERVICES
A06	BUILDING AND CONSTRUCTION SERVICES
A07	TRANSLATION SERVICES
A08	FUNERAL SERVICES
A09	FACILITY MANAGEMENT
A10	SERVICES OF REAL ESTATE AGENTS
A11	SAFETY AND SECURITY
A12	CONSULTANCY SERVICES
A13	EXPERTISE SERVICES
A14	AESTHETIC SERVICES
A99	UNDETERMINED
B	BUILDING AND CONSTRUCTION
B01	FIRE PROTECTION
B02	STRUCTURES
B03	CONCRETE
B04	CEMENT
B05	FIRE TESTS
B06	GYPSUM
B07	GLASS
B08	DOORS AND WINDOWS
B09	THERMAL MATTERS
B10	TIMBER STRUCTURES
B11	METAL STRUCTURES
B12	MASONRY
B13	SOLAR ENERGY
B14	GEOTECHNICS
B15	SANITARY APPLIANCES
B16	TAPS
B17	LIGHTING EQUIPMENT AND LIGHTING APPLICATION TECHNOLOGY
B18	SCAFFOLDING
B19	CERAMIC TILES
B20	DRAINAGE EQUIPMENT
B21	BATHS
B22	WALLCOVERINGS
B23	DISTRICT HEATING
B24	AUXILIARY AND HANDICRAFT WORK

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CODE	TITLE
B25	GAS DISTRIBUTION INSTALLATION AND RELATED EQUIPMENT
B26	ROAD BUILDING AND MAINTENANCE
B27	WATERPROOFING MATERIALS
B28	FLOOR COVERINGS
B29	AGGREGATES
B30	FLOOR AND SURFACING
B31	HEATING SYSTEMS IN BUILDINGS
B32	PRECAST CONCRETE PRODUCTS
B33	BUILDING DESIGN
B34	BUILDING AND CONSTRUCTION ENVIRONMENTAL ASPECTS
B99	UNDETERMINED
C	CHEMICALS, CHEMICAL ENGINEERING AND FOOD PRODUCTS
C01	Food products
C02	PAINTS AND RELATED PRODUCTS
C03	CHEMISTRY
C04	LABORATORY GLASSWARE
C05	LAC
C06	ESSENTIAL OILS
C08	PESTICIDES
C09	SURFACTANTS
C10	STARCH
C11	TOBACCO
C12	GLASS PLANT
C13	FERTILIZERS
C16	WOOD PRESERVATIVES
C17	TREES AND PLANTS
C18	ADHESIVES
C19	CHEMICAL ANALYSIS
C20	EXPLOSIVES AND FIREWORKS
C21	COSMETICS
C22	BIO-BASED PRODUCTS
C99	UNDETERMINED
F	FUNDAMENTAL STANDARDS
F01	TECHNICAL DRAWINGS
F02	UNITS & SYMBOLS
F03	PREFERRED NUMBERS
F04	SIEVES
F05	MEASURING INSTRUMENTS
F06	TERMINOLOGY PRINCIPLES
F07	DOCUMENTATION AND INFORMATION
F08	SURFACES
F09	BANKING
F10	STATISTICS
F12	INFORMATION PROCESSING SYSTEMS
F13	ENVIRONMENTAL TESTS

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CODE	TITLE
F14	GRAPHICAL TECHNOLOGY, SIGN-BOARDS AND NAMEPLATES
F15	MATERIAL TESTING IN GENERAL
F16	GRAPHICAL SYMBOLS
F17	ADMINISTRATIVE DOCUMENTS
F18	MICROGRAPHICS
F19	OPTICS
F20	QUALITY ASSURANCE
F21	VALUE ANALYSIS AND PROJECT NETWORK
F22	LOGISTICS
F23	ENERGY
F99	UNDETERMINED
H	PRODUCTS FOR HOUSEHOLD AND LEISURE USE
H01	CINEMATOGRAPHY
H02	PHOTOGRAPHY
H03	CONSUMER QUESTIONS
H04	SPORTS EQUIPMENT
H05	OIL AND GAS BURNERS
H06	HOROLOGY
H07	SPACE HEATING
H08	SIZING SYSTEMS
H09	FURNITURE
H10	SEWING MACHINES
H11	HEATER CONTROLS
H12	CERAMIC AND GLASS WARE FOR FOOD
H13	JEWELLERY
H14	CARAVANS
H15	TOYS
H17	OIL STOVES
H18	CENTRAL HEATING BOILERS
H19	NON-ELECTRIC COOKERS AND BARBECUES
H22	SMOKERS' LIGHTERS AND MATCHES
H23	LADDERS
H24	TACTILE DANGER WARNINGS
H25	LARGE GAS APPLIANCES
H26	SEALING MATERIALS
H27	EDUCATIONAL EQUIPMENT
H28	HUNTING
H29	HEAT PUMPS
H30	EQUIPMENT FOR CHILDREN
H31	DEDICATED LPG APPLIANCES
H32	CULINARY UTENSILS
H33	FOOTWEAR (EXCLUDING PROTECTIVE FOOTWEAR)
H34	CHILD SAFETY
H99	UNDETERMINED
I	MECHANICAL ENGINEERING

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CODE	TITLE
I01	SCREW THREADS
I02	FASTENERS
I03	LIMITS & FITS
I04	ROLLING BEARINGS
I05	IRON PIPES
I06	PRESSURE VESSELS
I07	SHAFTS
I08	AGRICULTURAL MACHINES
I09	SMALL TOOLS
I10	SPLINES
I11	MACHINE TOOLS
I12	PULLEYS & BELTS
I13	GAS CONTAINERS
I14	GEARS
I15	EQUIPMENT FOR PETROLEUM INDUSTRY
I16	INTERNAL COMBUSTION ENGINES
I17	MACHINERY IN GENERAL (INCLUDING SAFETY)
I18	MINING
I19	NUCLEAR ENERGY
I20	REFRIGERATION
I21	CHAINS AND CHAIN WHEELS
I22	VACUUM TECHNOLOGY
I23	PUMPS
I24	INDUSTRIAL FANS
I25	COMPRESSORS
I26	PLAIN BEARINGS
I27	EARTH MOVING AND CONSTRUCTION EQUIPMENT
I28	FLUID POWER
I29	GAS CLEANING
I30	AIR DISTRIBUTION
I31	VALVES
I32	FLANGES
I33	INFORMATION PROCESSING IN AUTOMATION
I34	NON-FERROUS METALLIC PIPES
I35	LEISURE AND RECREATIONAL MACHINES
I36	THERMOPROCESSING TECHNOLOGY
I37	PRINTING AND PAPER MACHINES
I38	LEATHER PRODUCTION, TANNERY AND RELATED MACHINERY
I39	MACHINES FOR METAL PROCESSING
I40	INDUSTRIAL PIPING NETWORKS
I41	MEMBRANE FILTERS
I42	POTENTIALLY EXPLOSIVE ATMOSPHERES
I43	HYDROGEN ENERGY
I44	NANOTECHNOLOGIES
I99	UNDETERMINED

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CODE	TITLE
M	METALLIC MATERIALS
M01	STEEL
M02	ZINC
M03	FOUNDRY TECHNOLOGY, INCLUDING CAST IRON
M04	COPPER
M05	WELDING
M06	DIMENSIONS OF WROUGHT PRODUCTS
M07	MANGANESE AND CHROMIUM
M08	LIGHT ALLOYS
M09	IRON ORES
M10	METALLIC COATINGS
M11	POWDER METALLURGY
M12	ALUMINIUM ORES
M13	FERROALLOYS
M14	NICKEL
M15	METALLIC CORROSION
M16	MECHANICAL TESTS FOR METALS
M17	HEAVY METAL ORES
M18	METAL WIRE PRODUCTS
M20	TIN AND TIN ALLOYS
M21	PRECIOUS METALS
M22	LEAD AND LEAD ALLOYS
M99	UNDETERMINED
N	NON-METALLIC MATERIALS
N01	PAPER AND BOARD
N02	SOLID FUELS
N03	PETROLEUM PRODUCTS
N04	REFRACTORIES
N05	TEXTILES
N06	RUBBER
N07	SAWN TIMBER
N08	MICA
N09	PLASTICS
N10	CORK
N11	WOOD-BASED PANELS
N12	TIMBER PRODUCTS
N13	LEATHER
N14	PLASTICS PIPES
N17	FLUORSPAR
N18	GLASS-FIBRE REINFORCED PLASTICS
N19	TAPES
N20	CERAMICS
N21	GASEOUS FUELS AND COMBUSTIBLE GAS
N22	FEATHER AND RELATED MATERIALS
N23	DIAMOND

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CODE	TITLE
N99	UNDETERMINED
S	HEALTH, ENVIRONMENT AND MEDICAL EQUIPMENT
S01	ACOUSTICS AND SOUND INSULATION
S02	TRANSFUSION EQUIPMENT
S03	SYRINGES
S04	PROTECTIVE CLOTHING AND EQUIPMENT
S05	DENTISTRY
S06	VIBRATION & SHOCK
S07	ANAESTHETIC AND RESPIRATORY EQUIPMENT
S08	AIR QUALITY
S09	WATER QUALITY AND WATER SUPPLY
S10	SURGICAL IMPLANTS
S11	CONTRACEPTIVES
S12	GAS ANALYSIS
S13	ERGONOMICS
S14	PROSTHETICS
S15	SURGICAL INSTRUMENTS
S16	AIDS FOR THE DISABLED
S17	RESPIRATORY PROTECTIVE DEVICES
S18	STERILIZATION OF EQUIPMENT
S19	FIRST AID EQUIPMENT AND RESCUE SYSTEMS
S20	WASTE COLLECTION, HANDLING AND TRANSPORTATION
S21	LABORATORY MEDICINE, CLINICAL PATHOLOGY AND BIOSAFETY
S22	ENERGY SAVING
S23	PERSONAL & PROPERTY PROTECTION AGAINST AGGRESSION/ BURGLARY
S24	SOIL QUALITY
S25	CHEMICAL DISINFECTANTS AND ANTISEPTICS
S26	ENVIRONMENTAL MANAGEMENT
S27	WASTE - CHARACTERIZATION, TREATMENT AND STREAMS
S28	DEMINING
S99	UNDETERMINED
T	TRANSPORT, MECHANICAL HANDLING AND PACKAGING
T01	SHIPBUILDING AND MARITIME STRUCTURES
T02	AEROSPACE
T03	ROAD VEHICLES
T04	TYRES
T05	PALLETS
T06	METAL AND PLASTIC CONTAINERS
T07	GLASS CONTAINERS
T08	CRANES
T09	MATERIALS HANDLING AND STORAGE EQUIPMENT
T10	FREIGHT CONTAINERS
T11	STEEL WIRE ROPES
T12	INDUSTRIAL TRUCKS
T13	LIFTING CHAINS, HOOKS AND ROPES

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CODE	TITLE
T14	PACKAGING
T15	CYCLES
T16	LIFTS & ESCALATORS
T17	BUILDERS HOISTS
T18	ELEVATING PLATFORMS
T19	ROAD SAFETY
T20	TRAM- AND RAILWAY ENGINEERING
T21	PACKAGING MACHINES
T22	OFF-ROAD VEHICLES
T99	UNDETERMINED
U	GENERAL ELECTROTECHNICAL STANDARDS
U01	INFORMATION STRUCTURES, DOCUMENTATION AND GRAPHICAL SYMBOLS
U02	ALUMINIUM CONDUCTORS
U03	SYSTEM ASPECTS FOR ELECTRICAL ENERGY SUPPLY
U04	ELECTRICAL FLUIDS
U05	ELECTRICAL INSULATING MATERIALS AND SYSTEMS
U06	MAN-MACHINE INTERFACE, MARKING AND IDENTIFICATION MARKINGS
U07	LETTER SYMBOLS FOR ELECTROTECHNOLOGY
U08	ELECTRIC WELDING
U09	INSULATION CO-ORDINATION
U10	HIGH-VOLTAGE TESTING
U11	ENVIRONMENTAL TESTING OF ELECTROTECHNICAL EQUIPMENT
U12	RELIABILITY
U13	ELECTRICAL TESTS FOR METALS
U14	INSULATION SYSTEMS
U15	MAGNETIC ALLOYS
U16	PROTECTION BY ENCLOSURES
U17	SHORT CIRCUIT CURRENTS
U18	ENVIRONMENTAL STANDARDIZATION - GENERAL
U19	RADIO INTERFERENCE,EMC
U20	SUPERCONDUCTIVITY
U21	NANOTECHNOLOGY
U35	SYSTEM ASPECTS OF ELECTRICAL ENERGY SUPPLY
U90	CENELEC CERTIFICATION MATTERS
U91	QUALITY ASSURANCE
U92	ADVANCED CERAMICS
U93	ELECTROMAGNETIC HAZARDS
U94	PUBLIC PROCUREMENT MATTERS
U95	ENVIRONMENTAL MATTERS
U96	USABILITY & SAFETY OF ELECTRICAL PRODUCTS WITH REFERENCE TO PEOPLE WITH SPECIAL NEEDS
U99	UNDETERMINED
V	ELECTRONIC ENGINEERING
V01	RADIOCOMMUNICATIONS AND CABLE NETWORKS
V02	ELECTRICAL MEASURING EQUIPMENT
V03	ELECTROACOUSTICS AND ULTRASONICS

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CODE	TITLE
V04	INSTRUMENT TRANSFORMERS
V05	ELECTRONIC TUBES
V06	CAPACITORS AND RESISTORS
V07	NUCLEAR INSTRUMENTATION
V08	CABLES AND WIRES FOR TELECOMMUNICATIONS
V09	SEMICONDUCTORS
V10	ELECTROMECHANICAL COMPONENTS
V11	PIEZOELECTRIC DEVICES
V12	MAGNETIC COMPONENTS
V13	PRINTED CIRCUITS
V14	RECORDING
V15	ELECTROMEDICAL EQUIPMENT
V16	PROCESS CONTROL
V17	ELECTRONIC MEASURING EQUIPMENT
V18	AUTOMATIC CONTROLS
V19	SAFETY OF DATA PROCESSING EQUIPMENT
V20	RADIATION SAFETY AND LASER EQUIPMENT
V21	ALARM SYSTEMS
V22	NAVIGATIONAL INSTRUMENTS
V23	PHOTOVOLTAIC SYSTEMS
V24	INFORMATION TECHNOLOGY EQUIPMENT AND AUDIO, VIDEO AND AUDIO-VISUAL EQUIPMENT AND SYSTEMS
V25	PERITELEVISION EQUIPMENT
V26	ELECTRONIC RELAYS
V27	AUDIO, VIDEO AND AUDIO-VISUAL EQUIPMENT AND SYSTEMS
V28	FIBRE OPTICS
V30	DESIGN AUTOMATION
V31	SURFACE TRANSPORT ELECTROTECHNICAL SYSTEMS
V32	AVIONICS
V99	UNDETERMINED
W	ELECTRICAL ENGINEERING
W01	ELECTRIC ROTATING MACHINES
W02	TURBINES: HYDRAULIC, STEAM, WIND AND MARINE ENERGY
W03	ELECTRIC TRACTION EQUIPMENT
W04	OVERHEAD ELECTRIC LINES
W05	POWER TRANSFORMERS
W06	HIGH-VOLTAGE SWITCHGEAR AND CONTROLGEAR
W07	ELECTRICAL INSTALLATIONS IN SHIPS
W08	ELECTRIC CABLES
W09	SECONDARY BATTERIES
W10	POWER ELECTRONICS
W11	ELECTRICAL ACCESSORIES
W12	ELECTROHEAT
W13	EQUIPMENT FOR EXPLOSIVE ATMOSPHERES
W14	FUSES
W15	POWER CAPACITORS

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CODE	TITLE
W16	LAMP AND LUMINAIRES
W17	PRIMARY BATTERIES
W18	INSULATORS
W19	SURGE ARRESTERS
W20	ELECTRICAL RELAYS
W21	ELECTRIC FANS
W22	ELECTRICAL EQUIPMENT OF MACHINE TOOLS
W23	WINDING WIRES
W24	TELECONTROL SYSTEMS
W25	DOMESTIC APPLIANCE PERFORMANCE
W26	DOMESTIC ELECTRICAL APPLIANCES AND MOTOR-OPERATED ELECTRIC TOOLS
W27	ELECTRICAL INSTALLATIONS IN BUILDINGS
W28	ELECTRIC VEHICLES
W29	ELECTRICAL INSTALLATIONS FOR OUTDOOR SITES
W30	LIVE WORKING
W31	LIGHTNING PROTECTION
W32	LOW-VOLTAGE POWER TRANSFORMERS
W33	LOW-VOLTAGE SWITCHGEAR AND CONTROLGEAR
W34	LOW-VOLTAGE FUSES
W35	SYSTEM ENGINEERING AND ERECTION OF ELECTRICAL POWER INSTALLATIONS
W36	ELECTRICAL INSTALLATIONS FOR LIGHTING AND BEACONING OF AERODROMES
W37	FUEL CELL TECHNOLOGIES
W38	SAFETY OF ELECTROSTATIC PAINTING AND FINISHING EQUIPMENT
W39	HIGH VOLTAGE DIRECT CURRENT (HVDC) TRANSMISSION TECHNOLOGY
W99	UNDETERMINED
X	UNDETERMINED STANDARDIZATION AREA
X00	UNDETERMINED STANDARDIZATION AREA (ELECTROTECHNICAL)
X01	UNDETERMINED STANDARDIZATION AREA (NON-ELECTRICAL)
X02	UNDETERMINED STANDARDIZATION AREA
Z	INFORMATION TECHNOLOGY
Z01	RADIOCOMMUNICATION FOR IT
Z02	TELEPHONY, TELEGRAPHY FOR IT
Z03	COMMON OSI ACTIVITIES
Z99	UNDETERMINED