

THE MINISTRY OF THE ENVIRONMENT, PHYSICAL PLANNING AND CONSTRUCTION

3135

Pursuant to Article 26 of the Act on Construction Products (Official Gazette 86/08), the Minister of the Environment, Physical Planning and Construction hereby issues the

ORDINANCE

ON TECHNICAL APPROVAL FOR CONSTRUCTION PRODUCTS

I. GENERAL PROVISIONS

Article 1

This Ordinance stipulates the conditions for issuing, extending and revoking the authorisation to grant European technical approval and Croatian technical approval, and the means by which legal persons prove that they fulfil these conditions; the requirements for testing technical properties of construction products in the procedure of granting technical approval, the form and content of European technical approval and Croatian technical approval, the manner of notifying the European Commission and the Member States of the European Union about granted authorisation for conducting activities of granting European technical approval, and the manner of keeping a record of granted European technical approvals, and the content and manner of keeping a record of Croatian technical approvals.

Provisions of this Ordinance which pertain to:

- technical approval shall pertain to European technical approval and Croatian technical approval,
 - construction products shall also pertain to a group of individual construction products connected in a certain way in terms of technology or function, with a common intended use for which they satisfy the requirements, thus connected (hereinafter: group of construction products),
 - granting technical approval shall also pertain to extending, amending or revoking technical approval,
- unless otherwise stipulated in this Ordinance.

Article 2

For the purposes of this Ordinance the following terms have the following meanings:

- *authorised person* is a person authorised by the Ministry to grant technical approval,
- *responsible person* is an employee of the authorised person designated as the responsible person for granting technical approval,
- *authorisation* is a decision by virtue of which the Minister authorises a legal person to conduct activities of granting technical approval and to grant technical approval,
- *product area* is the area of use of construction products which have a similar intended use and properties, set forth in the table in Annex 1, being an integral part of this Ordinance.

The terms: Ministry, minister, construction product, manufacturer, distributor, importer, authorised representative, Croatian technical approval, European technical approval, guidelines for European technical approval, and interpretative documents shall have the meanings set out in the Act on Construction Products.

II. CONDITIONS FOR CONDUCTING ACTIVITIES

Article 3

A person authorised for granting technical approval shall meet the following requirements:

- he must be able to establish the necessary properties of construction products and to determine methods of assessment by testing and/or calculating properties of construction products for their intended use, i.e. he shall have the competence to assess the fitness for use of new construction products on the basis of scientific and practical knowledge,
- he must be able to assess the competence of manufacturers to manufacture a construction product of certain properties for its intended use and in other ways take impartial decisions in relation to the interests of the manufacturers concerned or their agents,
- he must be able to collate the contributions of all the interested parties in a balanced assessment of fitness of a construction product for its intended use.

A person authorised for granting technical approval shall meet the requirements set out in paragraph 1, subparagraph 1 of this Article, namely:

- in the part of the requirement pertaining to objectivity and correct technical assessment; a general understanding of construction practice and detailed technical knowledge pertaining to product areas for which he is to be authorised; detailed knowledge of special risks involved and technical aspects of the construction process – if he employs at least two persons who meet the conditions referred to in item 3 or item 4 of Article 7, paragraph 3 of this Ordinance;
- in the part of the requirement pertaining to detailed knowledge of existing harmonised standards and testing methods for product areas for which he is to be authorised – if he employs at least two persons who meet the conditions referred to in item 2 of Article 7, paragraph 3 of this Ordinance;
- in the part of the requirement pertaining to appropriate knowledge of the relationship between production processes and product properties with regard to factory production control – if he employs at least two persons who meet the conditions referred to in item 1 or item 2 of Article 7, paragraph 3 of this Ordinance.

The total number of responsible persons referred to in paragraph 2, subparagraphs 1, 2 and 3 of this Article employed by an authorised person shall be at least four.

A person authorised to grant technical approval shall meet the requirements set out in paragraph 1, subparagraphs 2 and 3 of this Article, namely:

- in the part of the requirements pertaining to a certified record of observing good administrative behaviour; support policies and procedures which ensure confidentiality of sensitive information within the authorised person and all his partners; a documented system of control which ensures registration, traceability, maintenance and filing of all important documents; a mechanism of internal audit and management audit in order to secure continuous monitoring of compliance with appropriate management methods; a procedure for objective handling of objections and appeals – if he meets the requirements of HRN EN ISO/IEC 17025:2007 or HRN EN ISO/IEC 17020:2005 or HRN EN ISO/IEC 17021:2007 or HRN EN 45011:1998 standards as regards conformity assessment or issuing a certificate of conformity for at least one construction product from the product area for which he has been authorised.

Article 4

A person authorised to grant technical approval shall, for the purpose of securing a balance of interests, set up an internal body in charge of supervision of the conducting of activities of granting technical approval (hereinafter: committee).

The committee shall consist of representatives of the Ministry and other state administration bodies, depending on the product area for which the authorisation is issued, the Croatian Chamber of Economy and/or manufacturer interest groups, depending on the product area for which the authorisation is issued, and consumer associations registered in accordance with a special regulation.

State administration bodies and manufacturer interest groups whose representatives are appointed in the committee must be named in the general legal act of the authorised person.

Article 5

An authorised person shall participate in the monitoring of the developments in the profession within the area of construction products, and establish contact with other authorised persons and appropriate authorised persons from Member States and candidate countries for EU membership.

An authorised person shall report to the Ministry on the completion of the duties referred to in paragraph 1 of this Article, without a special request, once a year, or more frequently, at the request of the Ministry.

Article 6

An authorised person may not conduct activities of production, representation, import or distribution of construction products or raw materials used in the production of construction products.

Article 7

A person authorised to grant technical approval it has agreed to grant shall designate one of its employees, named in the authorisation as persons eligible for responsible persons, as the responsible person for granting technical approval for construction products.

The responsible person must be a permanent full-time employee in the authorised person and an expert for the product area for which he has been appointed.

A person shall be considered as an expert for the construction product referred to in paragraph 2 of this Article if he has at least eight years of service in the following activities:

1. design and/or production of construction products from the product area of the construction product for which the person is designated;
2. conformity assessment and/or issuing certificates of conformity for construction products from the product area of the construction product for which the person is designated;
3. design and/or construction of buildings in the professional area in which construction products from the product area of the construction product for which the person is designated are used, and
4. normative and/or professional analytical construction activities connected with construction products,

of which minimum four years of service must be had in conducting one of the said activities.

Article 8

The responsible person referred to in Article 7 of this Ordinance shall be particularly responsible for:

- accepting jobs of preparing and granting technical approval,
- accepting and handling proposals for granting technical approval,
- inspection and assessment of technical and other documentation pertaining to construction products,
- factory inspection and inspection of factory production control,
- establishing required properties of construction products for their intended use,
- establishing the necessary data for inspection, by testing and/or calculation, of required properties of construction products,
- assessing acceptability of data obtained in the testing and/or calculation,
- defining procedures for preparing technical approval,
- developing a work programme for the preparation and granting of technical approval,
- conducting testing and/or calculation for the purpose of verification,
- assessing the results of verification of the required properties of construction products for their intended use,
- the content of the technical approval document, which must state the legal basis, general conditions, and special conditions for a particular technical approval,
- granting technical approval,
- ensuring independence in granting technical approval.

The responsible person must be ensured, in the articles of association or another general legal act of the authorised person, autonomy and independence from the management of the authorised person in making decisions pertaining to the activities referred to in paragraph 1 of this Article.

Accepting jobs of granting technical approval for which the authorised person is not authorised, or for which it does not fulfil the stipulated conditions, or jobs of issuing pertinent documents against regulations in force or rules of the profession shall be considered a severe breach of duty on the part of the responsible person.

Article 9

Employees of the authorised person who conduct activities in the procedure of preparing and granting technical approval shall be responsible for the pertinent activities they conduct and in particular in terms of using devices and equipment, applying appropriate technical knowledge, and in terms of accuracy, veracity and promptness in conducting these activities.

Acting against regulations in force, failing to adhere to the rules of the profession, or failing to apply appropriate technical knowledge in conducting the activities, i.e. particular activities referred to in paragraph 1 of this Article shall be considered a severe breach of duty.

Article 10

A responsible person, employees of the authorised person who conduct activities of preparing and granting technical approval and who participate in another way in the procedure of granting technical approval, and employees of the management of the authorised person shall not conduct activities of production, representation, import or distribution of construction products or raw materials used in the production of construction products, nor shall they have

ownership of economic operators registered for conducting the said activities.
All employees of the authorised persons shall treat any information pertaining to construction products which they obtain in the course of conducting their jobs as a professional secret, unless it is otherwise stipulated by the law or this Ordinance.

Article 11

Severe breaches of duty referred to in Article 8, paragraph 3 and Article 9, paragraph 3 of this Ordinance and other breaches of duty and appropriate disciplinary measures must be stipulated in the articles of association or another general legal act of the authorised person. An authorised person shall ensure that any economic operators and their employees whom it includes in the conducting of particular activities of granting technical approval fulfil the conditions and observe the obligations stipulated in Articles 6, 7, 8, 9, and 10 of this Ordinance.

A responsible person shall be responsible for any economic operators and their employees whom he includes in the conducting of particular activities of granting technical approval.

III. GRANTING AND EXTENDING AUTHORISATION

Article 12

Authorisation for granting technical approval shall be granted to legal persons who fulfil the conditions stipulated in this Ordinance for the period of two years, extendable for the same period of time.

Authorisation may be extended if the authorised person continues to fulfil the conditions for authorisation and if he duly fulfils the obligations referred to in Article 5 and Article 11, paragraph 2 of this Ordinance.

The authorisation referred to in paragraph 1 of this Article shall not be granted for testing activities conducted prior to submitting a proposal for granting technical approval.

Article 13

Authorisation shall be granted and extended by the minister on the basis of a previously obtained opinion issued by the Commission for Construction Products, established in accordance with a special regulation.

Article 14

Requests for authorisation shall be submitted to the Ministry.

The following shall be enclosed with a request for authorisation:

- the decision on the registration in the court register and a court register extract,
- proof of fulfilling the conditions referred to in Article 3 of this Ordinance,
- the articles of association and/or another general legal act which demonstrates that the applicant has fulfilled the other conditions stipulated in this Ordinance,
- proof of the employees of the legal person that may be appointed as responsible persons and proof that the responsible person fulfils the stipulated conditions,
- proof of establishment of the committee referred to in Article 4 of this Ordinance,
- information on the technical equipment, staff and locations on which the activities are conducted,

- proof of insurance against damage that the legal person might do in the course of conducting the activities for which authorisation is to be granted,
- proof of payment of costs of the authorisation procedure.

A request for an extension of authorisation shall contain the lists, documents and proof referred to in paragraph 2 of this Article, and proof of fulfilling the conditions referred to in Article 5 and Article 11, paragraph 2 of this Ordinance.

For the purpose of establishing facts relevant for authorisation, the applicant shall, at the request of the Ministry, submit additional documents and proofs, and permit an inspection of the technical equipment and locations on which the activities are conducted.

The proof referred to in paragraph 2, subparagraph 4 of this Article shall refer to:

- for the requirement referred to in Article 3, paragraph 1, subparagraph 1 – a photocopy of the employment record or other evidence demonstrating that the applicant employs the stipulated number of employees with the stipulated competences;
- for the requirement referred to in Article 3, paragraph 1, subparagraphs 2 and 3 – a certificate of accreditation for the product area issued by an accreditation body recognised pursuant to a special regulation, or a certificate issued by the said body attesting that the applicant fulfils the stipulated conditions.

The certificate of accreditation referred to in paragraph 5, subparagraph 2 of this Article may be enclosed as proof by 31 December 2009 at the latest.

The costs of the procedure referred to in paragraph 2, subparagraph 8 of this Article shall be determined by the minister in a special decision.

Article 15

The dispositive part of the authorisation must include:

- company name and seat of the person being granted authorisation,
- record number from the record of authorised persons,
- first and last names of persons eligible for responsible persons,
- product area for which authorisation is being granted,
- a note stating that the authorised person is obliged to continuously fulfil the conditions stipulated for obtaining authorisation, that it is obliged to conduct the activities for which it is being authorised in accordance with regulations in force and the rules of the profession, and that it has the obligation to inform the Ministry without delay about any changes that may affect its capability, i.e. the conditions for conducting the activities, and
- the validity period of the authorisation.

Article 16

In the case of a change of the responsible person, authorisation may be amended at the request of the authorised person, in the part pertaining to the responsible person.

The amendment procedure referred to in paragraph 1 of this Article shall be subject to the provisions of this Ordinance which regulate the granting of authorisation in an appropriate manner.

Article 17

Authorisation, the decision concerning amendments to the authorisation and decisions on the rejection of a request for authorisation or of amendments to the authorisation may not be subject to appeals, but may be subject to administrative proceedings.

Information from the dispositive part of the authorisation and decisions referred to in

paragraph 1 of this Article, which indicates the product area to which the authorisation or decision pertains, shall be published on the Ministry's website.

IV. GRANTING TECHNICAL APPROVAL

Proposal

Article 18

Technical approval, at the proposal of the manufacturer, authorised representative or importer of the construction product, shall be granted by an authorised person.

Prior to submitting a proposal, the authorised persons shall notify the applicant at his request within 30 days about the following:

- the content of the proposal and technical and other documents enclosed with the proposal,
- the status of the procedure of preparation and granting technical approval and estimated time necessary for its completion, and
- the manner of calculating costs of the preparation and granting of technical approval, the payment method and the securing of payment.

A proposal for one construction product may only be filed with one authorised person, unless otherwise stipulated in this Ordinance.

The proposal for granting technical approval shall be written in the Croatian language.

Article 19

The proposal must include the name of the construction product, along with its description, intended use and information on the place of manufacture. The proposal must also include technical and other documentation (drawings and testing reports, documents and data about the manufacture of the construction product), and other documents requested by the authorised person.

Article 20

The technical and other documentation referred to in Article 19 of this Ordinance may be written in a foreign language provided that a prior written consent of the authorised person is obtained.

Notification and statement

Article 21

An authorised person shall, within 60 days of receipt of a valid proposal, notify the applicant about its acceptance, or otherwise issue a decision rejecting the proposal. The notification on the acceptance of the proposal shall include the offer and conditions for the drafting and granting of technical approval.

An authorised person shall notify the Ministry and other authorised persons of accepting or rejecting proposals within 8 days of the decisions.

The decision referred to in paragraph 1 of this Article shall be issued if:

- the proposal was not submitted by the manufacturer, authorised representative or importer of the construction product,
- the applicant, even after a request to complete the proposal, has failed to include all the

necessary documents or has failed to complete it with the requested technical and other documentation,

- the authorised body is not authorised for granting technical approval for the product area to which the proposal pertains,
- the proposal does not pertain to a construction product, or
- it is evident from the proposal and the submitted technical and other documentation that European technical approval, i.e. Croatian technical approval in accordance with Article 13 and Article 19 of the Act on Construction Products may not be granted.

The decision referred to in paragraph 1 of this Article may be appealed against with the Ministry.

After the decision referred to in paragraph 1 of this Article has become final, a proposal may be submitted to another authorised person.

Article 22

The applicant shall submit to the authorised person, within 15 days of receipt of notification on acceptance of the proposal, a written statement accepting the offer and the conditions stated in the notification in their entirety. The authorised person shall issue to the applicant a confirmation of receipt of the statement.

If an applicant fails to act in accordance with paragraph 1 of this Article he shall be considered to have abandoned the proposal, and the procedure shall be terminated by way of a conclusion.

The conclusion referred to in paragraph 2 of this Article may be appealed against with the Ministry.

Procedure

Article 23

The procedure of granting technical approval for the purpose of establishing fitness for use of a construction product includes testing technical properties of that product with regard to its intended use, which have an effect on compliance with essential requirements for a building.

Article 24

The procedure of establishing fitness for use of a construction product, in the procedure of granting European technical approval, shall be conducted in accordance with the subject and content of technical approval, featured in the guidelines for granting technical approval. By way of derogation from paragraph 1 of this Article, the procedure of establishing fitness for use of a construction product, in the procedure of granting European technical approval, shall be conducted in accordance with interpretative documents, taking into account the appropriate essential requirements for buildings if the subject and content of the technical approval, and the manner of assessing the product is accepted by agreement by the bodies authorised to grant European technical approval of the European Organisation for Technical Approvals (EOTA).

Article 25

The procedure of establishing fitness for use of a construction product, in the procedure of granting Croatian technical approval, shall be conducted in accordance with the subject and

content of technical approval featured in the Programme of granting technical approvals drafted by the authorised person, unless otherwise stipulated in this Ordinance.

The Programme referred to in paragraph 1 of this Article shall be implemented with the Ministry's consent, given and revoked on the basis of a prior opinion issued by the Commission for Construction Products. In the procedure of granting technical approval, the Commission may request from the authorised person and/or manufacturer of the construction product to submit the necessary documentation, clarifications, etc.

The Programme referred to in paragraph 1 of this Article shall include a list of relevant interpretative documents, special technical properties and requirements for construction products, testing methods, assessment methods and evaluations of testing results, including the conformity assessment system for the construction product, the manner of inspection of factory control supervision, and the term of validity of the technical approval.

Conformity assessment systems for construction products shall be determined by the minister in a special decision.

The decision referred to in paragraph 4 of this Article shall be published on the Ministry's website.

Article 26

In the course of the procedure of granting technical approval, the applicant shall also participate by:

- submitting necessary information and documents pertaining to the construction product and its manufacture,
- permitting testing of the construction product and inspection of the facility in which it is manufactured,
- ensuring the necessary testing of technical properties of the construction product, and obtaining reports and other pertinent documentation,
- permitting the authorised person to conduct the necessary activities and establish all the circumstances and facts decisive for conducting the procedures stipulated in the Act on Construction Products and the Ordinance.

Costs of the procedure of granting technical approval starting from the submission of proposal for granting the technical approval, shall be borne by the applicant, regardless of the outcome of the proposal.

Content

Article 27

Technical approval shall be issued in the Croatian language and Latin script.

The general form and content of technical approval shall be determined by the minister in a special decision.

The decision referred to in paragraph 1 of this Article shall be published on the Ministry's website.

V. SUPERVISION AND REVOCATION OF AUTHORISATION

Article 28

Supervision of compliance with the conditions for conducting activities in the procedure of preparing and granting technical approval, and the work of authorised bodies and, in relation

to this, the manufacturer, shall be conducted by the Ministry.

The authorised person, manufacturer, authorised representative, importer and distributor shall, within a certain deadline, submit information requested by the Ministry and allow civil servants employed by the Ministry access to all their work facilities, and to any information pertaining to their work.

Article 29

An authorised person shall continuously fulfil the conditions stipulated for granting authorisation, and conduct these activities in accordance with regulations in force and the rules of the profession.

An authorised person shall, within the deadline stipulated by the law, inform the Ministry of any changes which may affect their ability, i.e. the conditions for conducting the activities for which they have been authorised, i.e. which they conduct on the basis of this Ordinance, and submit to the Ministry each report of inspection conducted by an accreditation body in terms of fulfilling the conditions for conducting activities of granting technical approval stipulated in Article 3, paragraph 4 of this Ordinance.

The manufacturer, authorised representative, and importer of construction products shall, without a special invitation or delay, inform the Ministry of any changes which may affect the fitness for use of a construction product for which they have been granted technical approval.

Article 30

If the Ministry establishes that an authorised person does not fulfil the conditions or does not conduct activities which are a requirement for authorisation, or that he does not conduct the activities which he has been authorised to conduct on the basis of this Ordinance in accordance with regulations in force or the rules of the profession, it shall pass a conclusion stipulating a deadline for fulfilling these conditions, i.e. for complying with regulations in force or the rules of the profession.

Until these conditions are met, i.e. until the activities are conducted in a compliant manner within the meaning of paragraph 1 of this Article, the authorised person may not conduct the activity for which he has been authorised.

If an authorised person fails to act in accordance with the conclusion referred to in paragraph 1 of this Article, the authorisation shall be revoked in its entirety or partly by way of a decision.

Article 31

The decision on the revocation of authorisation for granting technical approval shall be issued by the minister on the basis of an opinion issued prior to the decision by the Commission for Construction Product.

The decision referred to in paragraph 1 of this Article shall not be subject to appeals, but it may be subject to administrative proceedings.

The decision referred to in paragraph 1 of this Article shall be published on the Ministry's website.

VI. TRANSITIONAL AND FINAL PROVISIONS

Article 32

The Ministry shall keep a record of authorised persons.

The Ministry shall keep a record of granted European technical approvals by a reference to the official website of the European Organisation for Technical Approvals (EOTA).

The Ministry shall keep a record of Croatian technical approvals.

An authorised person who has issued a Croatian technical approval shall submit the said approval to the Ministry within 15 days of the day its issue.

Information about registered Croatian technical approvals, which includes basic information on the product and its intended use, shall be published on the Ministry's website.

Article 33

Documents marked as technical approvals issued before the entry into force of this Ordinance shall not be considered technical approvals within the meaning of this Ordinance.

International agreement

Article 34

After the accession of the Republic of Croatia to the European Union, the Ministry shall notify and denotify authorised persons with the European Commission and inform the authorised persons thereof.

Article 35

Until the accession of the Republic of Croatia to the European Union, the procedure for assessing the fitness for use of a construction product covered by guidelines for European technical approval, for the purpose of granting Croatian technical approval, shall be conducted in accordance with those guidelines.

Article 36

This Ordinance shall enter into force on the eighth day after the day of its publication in the Official Gazette, except for Article 24 and Article 32, paragraph 2, which shall enter into force on the day of accession of the Republic of Croatia to the European Union.

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Reg. No.: 531-01-266-08-1

Zagreb, 5 September 2008

The Minister

Marina Matulović Dropulić, m. p.

ANNEX 1

PRODUCT AREAS

Area Code	Product Area	Families of Construction Products
A	CIVIL ENGINEERING	Geotextiles and related products - Circulation fixtures - Floorings, paving and road finishes - Aggregates - Road construction products - Pipes, tanks and ancillaries not in contact with water intended for human consumption - Floor beds including suspended ground floors, roads and other trafficked areas - Ultra thin layer asphalt concrete - Waste water Engineering products - Falling rock protection kits – Liquid applied bridge-deck waterproofing kits - Expansion joints for road bridges
B	PREFABRICATED TOTAL/PARTIAL BUILDING UNITS	Timber frame and log prefabricated building kits - Cold storage building kits and cold storage building envelope kits - Prefabricated building units - Concrete frame building kits - Metal frame building kits
C	LOAD BEARING MATERIALS AND COMPONENTS	Structural timber products and ancillaries - Cement, building limes and other hydraulic binders - Reinforcing and pre-stressing steel for concrete – Structural metallic products and ancillaries - Products related to concrete, mortar and grout - Structural bearings - Precast concrete products - Prefabricated stairs kits – Light composite wood-based beams and columns - Post tensioning kits for the pre-stressing of structures - Anchor bolts
D	ROOFING AND BUILDING ENVELOPE	Curtain walling kits - Roof coverings, Roof lights, roof windows and ancillary products - Flat glass, profiled glass and glass block products - External and internal doors and windows, roof openings and roof lights - Liquid applied roof waterproofing kits - Kits for exterior wall claddings - Structural sealant glazing systems - Kits of mechanically fastened flexible roof waterproofing membranes - Self supporting translucent roof kits - Prefabricated wood-based load-bearing stressed skin panels and self-supporting composite lightweight panels
E	INTERNAL/EXTERNAL BUILDING COMPONENTS/KITS	Sanitary appliances - Wood-based panels - Masonry and related products – Internal and external wall and ceiling finishes - Gypsum products - Internal partition kits - Watertight covering kits for wet room floors and walls - Non-load bearing permanent shuttering kits based on hollow blocks or panels of insulating materials and/or concrete
F	HEATING/VENTILATION /INSULATION	Chimneys, Flues and specific products - Space heating appliances – Thermal insulating products - External thermal insulation composite kits - Inverted roof insulation kits – Vetures
G	FIXATIONS/SEALINGS /ADHESIVES	Construction adhesives - Pins for structural joints / Connectors - Three dimensional nailing plates - Anchors bolts / Screws - Wall plates made of stainless steel. – Cavity trays - Fastener for external wall claddings and flat or pitched roofs - Connector for sandwich elements of concrete - Gas and watertight seals for pipes in wall and floor penetrations - Sealing kits, profiles and strips - Joints sealing compounds – Elastic suspended fixings - Tension Rods - Point fastener - Surface repellents and coating

		treatments - Levelling fasteners for roofs, walls and interior applications - Waterproofing products / treatments
H	FIRE PROTECTION AND RELATED PRODUCTS	Fire alarm, fire detection, fixed fire fighting, fire and smoke control and explosion suppression products - Fire stopping, fire sealing and fire protective products.
I	ELECTRIC INSTALLATION	Any construction product related to electric installation.
J	GAS INSTALLATION	Any construction product related to gas installation.
K	WATER SUPPLY AND SEWAGE	Kit consisting of a trap with partially mechanical closure, mounted in a non-trapped gully - Kit for manhole top consisting of Cover and additional rings made of plastic for different purposes - Piping kits for cold and hot water, including those intended for human consumption - Piping systems for drainage and sewerage with or without pressure - Flexible coupling for gravity and pressure sewerage and drainage pipe - Composition toilet

PROVISIONAL TRAINING MATERIAL