

**MINISTRY OF THE ECONOMY, DIGITALISATION, ENTREPRENEURSHIP AND
TOURISM**

**State Inspectorate for the Control of Boilers, Pressure
Vessels and Lifting Installations
- ISCIR -**

TECHNICAL REGULATION

**AUTHORISATION OF NON-DESTRUCTIVE TESTING OPERATORS AND LEGAL
PERSONS CARRYING OUT NON-DESTRUCTIVE EXAMINATIONS AND
DESTRUCTIVE TESTS**

PT CR 6-2025

CHAPTER I
GENERAL PROVISIONS

SECTION 1

Purpose

Article. 1 This technical regulation lays down the requirements for the authorisation of non-destructive testing operators carrying out non-destructive examinations, as well as the authorisation of legal persons performing non-destructive examinations and destructive tests on pressure installations and lifting installations subject to the ISCIR oversight and technical inspection regime.

Article. 2 (1) Natural and legal persons authorised by the ISCIR and natural and legal persons authorised in equivalent fields of activity by the competent authorities of a Member State of the European Union or a State signatory to the Agreement on the European Economic Area shall be registered in the ISCIR Register of authorised legal persons.

(2) The natural and legal persons referred to in (1) shall be responsible for the correct design of the technical solutions adopted, regarding the performance of non-destructive examinations and destructive tests, in accordance with the provisions of the technical regulations, standards, norms and other applicable technical norms.

SECTION 2

Normative references

Article. 3 This technical regulation refers to the following normative documents:

- a) Law No 64/2008 on the safe operation of pressure installations, lifting installations and fuel-consuming appliances, republished in the Official Gazette of Romania, Part I, No 399 of 8 June 2015, as subsequently amended and supplemented;
- b) Government Emergency Ordinance No 49/2009 on the freedom of establishment of service providers and the freedom to provide services in Romania, published in the Official Gazette of Romania, Part I, No 366 of 1 June 2009, approved with amendments and additions by Law 68/2010, as subsequently amended and supplemented;
- c) Law No 190/2018 on measures for the implementation of Regulation (EU) 2016/679 of the European Parliament and of the Council of 27 April 2016 on the protection of natural persons with regard to the processing of personal data and on the free movement of such data, and repealing

Directive 95/46/EC (General Data Protection Regulation), published in the Official Gazette of Romania, Part I, No 651 of 26 July 2018, as subsequently amended and supplemented;

d) Government Decision No 1340/2001 regarding the organisation and functioning of the State Inspectorate for the Control of Boilers, Pressure Vessels and Lifting Installations, published in the Official Gazette of Romania, Part I, No 37 of 21 January 2002, as subsequently amended and supplemented;

e) Government Order No 129/2000 on adult vocational training, republished in the Official Gazette of Romania, Part I, No 110 of 13 February 2014, as subsequently amended and supplemented;

f) Government Decision No 522/2003 approving the methodological norms for the application of the provisions of Government Order No 129/2000 on adult vocational training, published in the Official Gazette of Romania, Part I, No 346 of 21 May 2003, as subsequently amended and supplemented;

g) Joint Order No 353/5202/2003 of the Minister for Labour, Social Solidarity and Family and the Minister for Education, Research and Youth approving the Methodology for the authorisation of adult vocational training providers, published in the Official Gazette of Romania, Part I, No 774 of 5 November 2003, as subsequently amended and supplemented;

h) Joint Order No 501/5253/2003 of the Minister for Labour, Social Solidarity and Family and the Minister for Education, Research and Youth approving the Methodology for the certification of adult vocational training, published in the Official Gazette of Romania, Part I, No 774 of 5 November 2003, as subsequently amended and supplemented;

i) Order No 6374/2022 of the Ministry of Education approving the Methodology for the recognition of vocational training completed through authorised/accredited vocational training providers in European Union Member States, the European Economic Area and the Swiss Confederation, published in the Official Gazette of Romania, Part I, No 1241 of 22 December 2022.

SECTION 3

Terms and definitions

Article. 4 For the purposes of this technical regulation, the terms and definitions used are as follows:

a) **competent authority** – any body or authority of a Member State of the European Union or a signatory state to the Agreement on the European Economic Area having a supervisory or regulatory role regarding the service activities, in particular the administrative authorities, as well as the professional bodies and professional associations or other professional bodies which, in the

exercise of their power of self-regulation, create the legal framework for access to or the exercise of service activities;

b) **authorisation (1)** – the activity, carried out by ISCIR, of assessing and certifying the competence and capability of a natural or legal person to perform the activities covered by this technical regulation;

c) **authorisation (2)** – an administrative document certifying the right to exercise the authorised activity;

d) **accreditation** – the procedure for assessing legal persons intending to provide vocational training activities in the field governed by this technical regulation;

e) **requirement** – any rule, obligation, prohibition, condition or limitation imposed on authorised natural or legal persons or recipients of services, which is laid down in the regulatory or administrative acts of the competent authorities, or resulting from case law, administrative practices, rules of professional bodies or collective rules of professional associations or other professional organisations, adopted in the exercise of their self-regulatory powers; clauses of collective agreements negotiated with social partners are not, of themselves, considered to constitute requirements;

f) **CNCAN (Comisia Națională pentru Controlul Activităților Nucleare)** – National Commission for Nuclear Activities Control;

g) **examination** – the process that takes place at the end of a vocational training programme to assess technical knowledge and skills with a view to authorisation;

h) **Type C certified trainer** – a natural person certified by ISCIR in accordance with the provisions of the applicable technical regulation;

i) **specialist trainer** – an individual designated by order of the Chief State Inspector of ISCIR in accordance with the provisions of the applicable technical regulation;

j) **vocational training provider** – a service provider that is a legal entity governed by public or private law, whose articles of association specify vocational training activities;

k) **ISCIR** – State Inspectorate for the Control of Boilers, Pressure Vessels and Lifting Installations;

l) **laboratory** – a functional structure within the legal entity through which the latter carries out non-destructive examinations and/or destructive tests;

m) **materials** – metallurgical products and semi-finished products, as well as semi-finished products made from various types of plastics, produced by casting or various plastic deformation technologies;

- n) **ISCIR module** – a minimum compulsory component of a vocational training programme designed to ensure the acquisition of the specific competences and skills required to practise the occupation, in accordance with the provisions of this technical regulation;
- o) **non-destructive testing operator** - a person who carries out non-destructive examinations using at least one of the following methods: visual, penetrating radiation, ultrasound, liquid penetrant, magnetic particle, magnetic-inductive, eddy current, acoustic emission or leak testing;
- p) **Advanced training/specialisation** – vocational training leading to the development or honing of the professional knowledge, skills or competences of a person already holding a qualification, i.e. the development of skills within the same qualification, the acquisition of new skills in the same or a new occupational area, or the acquisition of fundamental/key skills or new technical skills;
- q) **technical regulation** – a technical norm drawn up by ISCIR and approved by order of the Minister for Economy, published in the Official Gazette of Romania, Part I, containing, for clearly defined areas, conditions and technical requirements relating to installations/equipment and activities specific to the field of activity, provided for in Article 8(1) of Law No 64/2008, that are carried out in connection with them, in view of placing on the market, putting into service and using those installations/equipment safely in operation;
- r) **vocational training programme** – a programme of qualification, upskilling or specialisation organised by an accredited or authorised vocational training provider, as applicable;
- s) **RTED** – specialist technical personnel for destructive tests;
- t) **RTEND** – specialist technical personnel for non-destructive examinations;
- u) **Member State** – Member State of the European Union or a state signatory to the Agreement on the European Economic Area.

CHAPTER II

AUTHORISATION METHODOLOGY FOR NON-DESTRUCTIVE TESTING OPERATORS

SECTION 1

Vocational training programmes

Article. 5 The non-destructive testing operator being authorised for the non-destructive examination methods and specialisations referred to in Annex 1 must provide proof of completion of a vocational training programme.

Article. 6 Vocational training programmes for the authorisation of non-destructive testing operators shall be organised by:

- a) vocational training providers accredited by ISCIR and authorised, in accordance with the legislation in force, for the methods set out in Annex 1, item No 1–7;
- b) vocational training providers accredited by ISCIR for the methods provided for in Annex 1, item Nos 8 and 9.

Article. 7 (1) In order to apply for accreditation, the vocational training provider shall submit the following to ISCIR:

- a) the address associated with the accreditation application;
- b) proof that its main activity is the provision of vocational training as set out in its statutes, in accordance with the specific NACE code specified in its act of association, or in accordance with other forms of organisation and operation;
- c) the ISCIR module syllabus for the specialisation programme for which accreditation is sought;
- d) the specific course materials for each examination method provided for in Annex 1.

(2) ISCIR shall examine the documents referred to in (1) and, if they comply with the provisions of this technical regulation, issue the accreditation in accordance with the template provided in Annex 2(2.1).

(3) The accreditation shall be valid for a period of 4 (four) years.

(4) The list of vocational training providers who have obtained accreditation for organising vocational training programmes shall be published on the ISCIR website.

Article. 8 (1) In order to organise a vocational training programme, the accredited vocational training provider referred to in Article 6 shall submit the following documents to ISCIR 15 days before the start of the programme:

- a) notification of the organisation of a vocational training programme, which must specify the name and type of the programme, the dates and venue of the programme, as well as the accreditation reference number;
- b) a table of the surnames and first names of the certified trainers provided for in (2);
- c) the syllabus of the ISCIR module, broken down into topics, days, hours and trainers, covering both theoretical and practical training;
- d) the authorisation of the vocational training provider, where applicable;
- e) the written agreement of the trainers to participate in the vocational training programme during the period in which it is held;

f) a copy of the valid authorisation of use issued by CNCAN in the case of training programmes for the RT method.

(2) Individuals certified as Type C trainers are entitled to participate as trainers in the ISCIR module, in accordance with the vocational training programme specified in the applicable technical regulation, or as specialist trainers.

(3) ISCIR shall analyse the submitted documentation and communicate its decision on the organisation of the programme, in writing, to the organiser.

(4) Before the vocational training programme begins, the accredited training provider must submit a table to ISCIR containing the first names and surnames of the trainees, their personal identification numbers, and a list of the measuring instruments and accessories used during the practical training.

(5) Before the vocational training programme begins, the accredited training provider may only amend the following in justified cases: the venue of the programme, the list of last and first names of the certified trainers, and their written consent in accordance with Article 8(1).

(6) An accredited vocational training provider that has not received approval for its vocational training programme may not enrol learners for the authorisation examination.

(7) The vocational training provider referred to in Article 6(b) shall issue a certificate of attendance upon completion of the vocational training programme, in accordance with the template provided in Annex 2(2.2).

(8) ISCIR may conduct inspections regarding the manner of implementation of the vocational training programme.

SECTION 2

Requirements for the vocational training of non-destructive testing operators

Article. 9 The specific ISCIR module syllabus for each examination method is provided for in Annex 3, Tables 1 to 9.

CHAPTER III

AUTHORISATION OF NON-DESTRUCTIVE TESTING OPERATORS

SECTION 1

Non-destructive examination methods and specialisations

Article. 10 (1) The non-destructive examination methods and specialisations for which authorisations are issued are provided for in Annex 1.

(2) The non-destructive testing operator authorisation shall indicate the symbol of each non-destructive examination method, followed in brackets by the symbol of the non-destructive examination specialisations, where appropriate.

(3) In the authorisation of a non-destructive testing operator authorised to perform examinations at installations/equipment forming part of nuclear facilities, the letter 'N' shall be entered before the symbol denoting the method and the specialism.

SECTION 2

Authorisation levels

Article. 11 (1) The non-destructive testing operator may be authorised at three levels, as follows:

a) Level 1 non-destructive testing operator – personnel who carry out the activities and have the competences and responsibilities set out in Annex 4, item No 1;

b) Level 2 non-destructive testing operator – personnel who carry out the activities and have the competences and responsibilities set out in Annex 4, item No 1 and 2;

c) Level 3 non-destructive testing operator – personnel who carry out the activities and have the competences and responsibilities set out in Annex 4, item No 1–3, as well as the minimum knowledge requirements set out in Annex 5.

(2) By way of derogation from the provisions of (1), non-destructive testing operators carrying out examinations using the AT method shall be authorised only for level 1 or level 2.

SECTION 3

Authorisation conditions

Article. 12 (1) Persons meeting the following conditions are eligible to sit the Level 1 or Level 2 authorisation examination:

a) they hold a document attesting to their completion of a vocational training programme organised by the approved vocational training provider referred to in Article 6;

or

b) they hold a qualification certificate as a non-destructive examinations operator, issued in accordance with the provisions of the specific European standard on the qualification of personnel for non-destructive examinations, issued by a personnel certification body accredited and

designated in accordance with the legislation in force, which is not accompanied by a technical evaluation report, as provided for in Article 13(2);

c) they are at least 18 years old;

d) they hold a fitness certificate issued by an occupational health doctor confirming that they are fit to work as a non-destructive testing operator, or a valid equivalent document issued by a competent authority in this field in a European Union Member State or a State signatory to the Agreement on the European Economic Area;

e) they have completed the required industrial placement, provided for in Annex 6, in the methods/specialisations for which they are due to sit the authorisation examination.

(2) The Level 3 authorisation examination is open to individuals who meet the requirements regarding industrial experience as a Level 2 authorised non-destructive examinations operator, as set out in Annex 7, and who hold the document referred to in Article 12(1)(d).

(3) Natural persons who meet the conditions laid down in (1)(c) to (e) and hold a document similar to that referred to in (1)(a), obtained from an authorised/accredited vocational training provider from a European Union Member State, the European Economic Area or the Swiss Confederation, accompanied by the attestation issued in accordance with the legislation in force, shall also be admitted to the Level 1 or Level 2 authorisation examination.

Article. 13 (1) Persons holding a non-destructive examinations operator certificate issued in accordance with the provisions of the relevant European standard on the qualification of non-destructive examinations personnel by a personnel certification body accredited and designated in accordance with the legislation in force and meeting the conditions in (2) may be authorised without an authorisation examination.

(2) The non-destructive examinations operator certificate must be accompanied by a technical assessment report issued by the certification body referred to in (1), containing the additional technical requirements and for which equivalence may be achieved between the industrial sectors specified in the certificate and the non-destructive examination methods/specialisations set out in Annex 1.

Note: equivalence is granted if the qualification certificate specifies at least industrial sectors A and B as set out in the relevant European standard on the qualification of personnel for non-destructive examinations.

(3) The template technical assessment report for the authorisation/renewal of authorisation of non-destructive examinations operators is provided in Annex 8.

(4) In order to issue the non-destructive testing operator's authorisation for the persons referred to in (1), the provisions of Chapter V must be complied with.

(5) Persons who are to work as non-destructive testing operators on installations or equipment forming part of nuclear facilities shall be exempt from the requirements provided for in (1) and (2); in such cases, they must comply with the provisions of Article 12.

Article. 14 (1) Personnel taking the authorisation examination in the UT method, Level 1 or Level 2, the specialisation $UT_{(t)}$, $UT_{(tv)}$, $UT_{(l)}$ or $UT_{(f)}$ must also take an authorisation examination for the specialisation $UT_{(g)}$.

(2) Personnel taking the authorisation examination in method UT, Level 1 or Level 2, specialisation $UT_{(s)}$ must necessarily take an authorisation examination also for specialisations $UT_{(g)}$ and $UT_{(t)}$.

SECTION 4

Organisation of the authorisation examination

Article. 15 (1) Legal persons seeking authorisation as a non-destructive testing operator, or natural persons seeking authorisation as a non-destructive testing operator for the VT method, must submit a written request, at least 15 days prior to the date of the authorisation examination, for a specialist inspector from ISCIR to participate in the authorisation examination, and must submit the following:

- a) the table with the surnames and first names of the candidates for the methods, specialisations and level of authorisation;
- b) the files of the candidates, containing the following documents:
 - 1) the examination enrolment form; this must include consent for personal data to be collected, processed and stored by ISCIR in accordance with the relevant legislation;
 - 2) a copy of their identity document;
 - 3) the skills profile referred to in Article 12(1)(d);
 - 4) one of the documents provided for in Article 12(1)(a) or (b) or (3), in copy;
 - 5) a certificate of industrial experience, in accordance with the template provided in Annex 9, showing the period of industrial experience in the method/specialisation for which authorisation is sought and meeting the requirements set out in Annex 6, gained while working for a legal person performing non-destructive examinations, authorised under the terms of this technical regulation, with the exception of authorisation for the VT method, in which case the certificate shall be issued by a non-destructive testing operator authorised by ISCIR to at least Level 2 for this method, or acquired within a legal entity (laboratory) accredited in accordance with the European standard for the accreditation of testing and calibration laboratories in the field of non-destructive examinations for the method/specialisation for which authorisation is sought;

6) a copy of the licence to practise in the nuclear field, if authorisation for the RT method is being requested;

7) a digital photograph in jpg/jpeg format, not exceeding 1 MB in size;

c) a copy of the individual employment contract and evidence of registration in the General employee register proving the existence of the contractual employment relationship between the legal person and the non-destructive control operator on the date of application, with the exception of natural persons seeking authorisation as a non-destructive testing operator for the VT method;

d) the working procedures for each non-destructive examination method or specialisation for which an authorisation examination is requested, approved by a Level 3 non-destructive testing operator authorised by ISCIR for those methods subject to endorsement;

NOTE 1: Where the application submitted by the legal person concerns persons who are to work as non-destructive testing operators on installations or equipment forming part of nuclear facilities, the working procedures referred to in (d) must also be endorsed by ISCIR.

NOTE 2: Where the application submitted by the legal person relates to authorisation for the AT method, the working procedures must be endorsed by ISCIR.

e) documents demonstrating compliance with the minimum compulsory requirements provided for in Annex 10(10.1), for the VT method.

(2) The specialist inspector from ISCIR shall check the documentation referred to in (1) and may additionally check the documents referred to in Article 7(2) and Article 8(3), where appropriate.

(3) In the event of an incorrectly completed application or document, or incomplete documentation, the applicant shall be informed in writing of the need to submit the necessary additions or correctly completed documentation.

(4) If the applicant fails to complete the documentation in accordance with the requirements of (1), within a maximum of 30 days from the date of receipt of the communication, the authorisation application shall be deemed rejected and the submitted documentation archived.

(5) If the documentation is accepted, ISCIR shall notify the legal person, within 30 days of the date of submission of the application, of the proposed date for the authorisation checks.

Article. 16 In order for ISCIR to authorise a Level 1 or Level 2 non-destructive testing operator, an examination must be taken comprising a theoretical examination and a practical examination.

Article. 17 For the theoretical examination, the ISCIR specialist inspector selects questions from a questionnaire comprising at least 30 questions for each method and specialisation, drawn from the applicable standards and working procedures for which authorisation is sought.

Article. 18 (1) The practical examination shall take place in the laboratory of a legal entity authorised by ISCIR to perform non-destructive examinations, in accordance with the provisions of this technical regulation, or in a suitable facility equipped with the apparatus specified in Annex 10.

(2) During the practical examination, the non-destructive testing operator must demonstrate that they possess the necessary knowledge regarding the use of the measuring instruments and accessories used in non-destructive examination in accordance with the manufacturer's instructions, with their own working procedures, and with the standards applicable to the non-destructive testing method or specialisation for which the authorisation examination is being taken.

Article. 19 (1) In order to pass the examination, the candidate must obtain a minimum score of 7 for both the theoretical examination and the practical examination.

(2) The final score shall be calculated as the arithmetical mean of the two scores.

(3) The results of the authorisation examination shall be recorded in a report, the template for which is provided in Annex 11.

Article. 20 (1) In order for ISCIR to authorise a Level 3 non-destructive testing operator, a theoretical examination must be taken.

(2) The ISCIR specialist inspector selects questions from questionnaires containing at least 10 questions, covering:

- a) knowledge of this technical regulation;
- b) general knowledge of at least two methods other than the one for which authorisation is sought;
- c) knowledge in the field of materials science and process technology, in accordance with the provisions of points 4–13 of Table 5.1, Annex 5.
- d) Level 3 knowledge of the examination method applied.

(3) In addition to the questions referred to in (2), the candidate shall draw up one or more non-destructive examination procedures for the method(s) for which authorisation is requested.

(4) In order to pass the authorisation examination, the candidate must obtain a minimum score of 7 and the results of the authorisation examination shall be recorded in a report, the template for which is provided in Annex 11.

CHAPTER IV

ISSUANCE OF THE AUTHORISATION

Article. 21 (1) Authorisations for non-destructive testing operators shall be issued by ISCIR within 30 days of the date on which the report referred to in Article 20(4) is written up, upon presentation of proof of payment of the corresponding fees.

(2) ISCIR shall draw up authorisations for non-destructive testing operators, the template for which is provided in Annex 12, for each candidate declared 'PASSED'.

(3) The authorisations for non-destructive testing operators shall be issued to each applicant and the authorisation file shall remain with ISCIR, with the exception of the working procedures referred to in Article 15(1)(d), which shall be returned to the applicant.

Article. 22 (1) The period of validity of the authorisation for Level 1 and Level 2 non-destructive examinations shall be 2 (two) years from the date of issue.

(2) The period of validity of the authorisation for Level 3 non-destructive examinations shall be 5 (five) years from the date of issue.

CHAPTER V

EQUIVALENCE OF QUALIFICATION CERTIFICATES FOR PERSONNEL CARRYING OUT NON-DESTRUCTIVE EXAMINATIONS ISSUED IN ACCORDANCE WITH THE PROVISIONS OF THE TECHNICAL REGULATIONS TRANSPOSING EUROPEAN DIRECTIVES APPLICABLE TO INSTALLATIONS/EQUIPMENT

Article. 23 (1) The check for the purpose of recognising the equivalence of qualification certificates for personnel carrying out non-destructive examinations issued in accordance with the provisions of the technical regulations transposing European directives is carried out by ISCIR.

(2) The equivalence of the certificates referred to in (1) shall not apply to persons who are to perform non-destructive examinations at installations/equipment that are part of nuclear facilities.

Article. 24 (1) Equivalence is granted on the basis of a written application submitted to ISCIR by legal entities with which the non-destructive testing operator has a contractual relationship, or by natural persons for the VT non-destructive examination method.

(2) Applications for recognition must be accompanied by the following documents:

- a) the application for equivalence drawn up by the certificate holder; this must include consent for personal data to be collected, processed and stored by ISCIR in accordance with the relevant legislation;
- b) a valid non-destructive examinations operator qualification certificate issued in accordance with the provisions of Article 13(1);
- c) the technical assessment report issued in compliance with the provisions of Article 13(2), in accordance with the template provided in Annex 8;
- d) the skills profile referred to in Article 12(1)(d);
- e) the working procedure for the situation for which equivalence is sought for the VT non-destructive examination method, approved by an ISCIR Level 3 authorised non-destructive testing operator for this method, accompanied by documents proving compliance with the minimum compulsory equipment requirements for this method, as set out in Annex 10, point 10.1;
- f) a digital photograph in jpg/jpeg format, not exceeding 1 MB in size;
- g) a copy of the individual employment contract and evidence of registration in the General employee register proving the existence of the contractual employment relationship between the legal person and the non-destructive testing operator on the date of application, with the exception of natural persons seeking authorisation as a non-destructive testing operator for the VT non-destructive examination method.

Article. 25 (1) ISCIR shall examine the documents referred to in Article 24 and, if they meet the requirements of this technical regulation, write up the report, the template for which is provided in Annex 11 and issues the authorisation for the non-destructive testing operator within 30 days of the date of writing up the report, the template for which is provided in Annex 12.

(2) The authorisation for the non-destructive testing operator shall be issued by ISCIR upon presentation of proof of payment of the corresponding fees.

(3) The authorisation for the non-destructive testing operator shall be issued to the applicant while the licence application file shall remain with ISCIR.

Article. 26 (1) The period of validity of the authorisation for non-destructive examinations, in the case of equivalence, shall be that provided for in Article 22.

(2) For the situation referred to in (1), the period of validity of the authorisation may not exceed the period of validity of the certificate of qualification for personnel conducting non-destructive examinations.

CHAPTER VI

**RENEWAL OF THE VALIDITY AND/OR EXTENSION OF THE SCOPE OF
AUTHORISATION OF NON-DESTRUCTIVE TESTING OPERATORS**

Article. 27 (1) Renewal of the validity and/or extension of the scope of authorisation of non-destructive testing operators is carried out by ISCIR.

(2) Moving to a higher level of authorisation, as well as authorisation for a method or specialisation other than that currently held, is considered an extension of the authorisation.

(3) For the examination for renewal of the validity and/or extension of the scope of authorisation of non-destructive testing operators, the employing legal person or the natural person holding the authorisation for the VT non-destructive examination method shall submit a written request to ISCIR for renewal of the validity and/or extension of the scope of the authorisation and provide the following documents:

a) the table with the surnames and first names of the candidates for the methods, specialisations and level of authorisation;

b) the skills profile referred to in Article 12(1)(d);

c) a certificate of industrial experience, in accordance with the template provided in Annex 9, showing the period of industrial experience in the method/specialisation for which renewal of validity and/or extension of the authorisation is sought and meeting the requirements set out in Annex 6, gained while working for a legal person carrying out non-destructive examination, authorised under the terms of this technical regulation, with the exception of extension for the VT method of non-destructive examination, in which case the certificate is issued by an ISCIR authorised non-destructive testing operator, at least Level 2, for this method, or acquired within a legal entity (laboratory) accredited in accordance with the European standard for the accreditation of testing and calibration laboratories in the field of non-destructive examination for the method/specialisation for which renewal of validity and/or extension of the authorisation is sought;

NOTE: Where the validity of the authorisation for the VT non-destructive examination method is being extended, a certificate of industrial experience is not required.

d) a copy of the licence to practise in the nuclear field, if the application is for the RT method;

e) a copy of the non-destructive testing operator authorisation;

f) a copy of the individual employment contract and evidence of registration in the General employee register proving the existence of the contractual employment relationship between the legal person and the non-destructive testing operator on the date of application, with

the exception of natural persons seeking renewal of validity and/or extension of the scope of the authorisation as a non-destructive testing operator for the VT non-destructive examination method.

(4) The renewal without examination and/or extension of the validity of a non-destructive testing operator authorisation shall be carried out on the basis of a non-destructive examination operator's qualification certificate and a technical assessment report, in accordance with the provisions of Article 13(1) and (2).

(5) The requirements laid down in (4) shall not apply to persons holding a non-destructive testing operator authorisation for installations/equipment forming part of nuclear facilities.

Article. 28 (1) Where the technical documentation referred to in Article 27(3) is in order, ISCIR shall notify the legal person, within 30 days of the date of submission of the application, of the proposed date for the inspections to be carried out for the purposes of the examination.

(2) Examination of the non-destructive testing operator shall be conducted in accordance with the provisions of Articles 16 to 20.

(3) If the candidate is declared 'PASSED', the specialist inspector from ISCIR shall confirm the renewal of validity and/or extension of the scope by applying a stamp to the endorsement card attached to the authorisation of the non-destructive testing operator, in accordance with the template provided in Annex 12.

Article. 29 In the scenario provided for in Article 27(4), the employing legal person or the natural person holding the authorisation for the VT non-destructive examination method shall submit a written request to ISCIR for renewal of the validity and/or extension of the scope of the authorisation and provide the following documents:

- a) original of the non-destructive testing operator authorisation;
- b) the skills profile referred to in Article 12(1)(d);
- c) a valid non-destructive examinations operator qualification certificate issued in accordance with the provisions of Article 13(1);
- d) the technical assessment report issued in compliance with the provisions of Article 13(2), in accordance with the template provided in Annex 8;
- e) the working procedure for the situation for which equivalence is sought for the VT non-destructive examination method, approved by an ISCIR Level 3 authorised non-destructive testing operator for this method, accompanied by documents proving compliance with the minimum compulsory equipment requirements for this method, as set out in Annex 10, point 10.1;
- f) a copy of the individual employment contract and evidence of registration in the General employee register proving the existence of the contractual employment relationship between the

legal person and the non-destructive testing operator on the date of application, with the exception of natural persons seeking authorisation as a non-destructive testing operator for the VT non-destructive examination method.

Article. 30 (1) ISCIR shall examine the documents referred to in Article 29 and, if they meet the requirements of this technical regulation, write up the report, the template for which is provided in Annex 11 and confirm the extension of validity and/or scope by applying its stamp to the endorsement card attached to the non-destructive testing operator authorisation, in accordance with the template provided in Annex 12.

(2) The validity of the authorisation shall be extended for a period similar to that provided under Article 22.

Article. 31 For the situation referred to in Article 27(4), the validity period of the authorisation may not exceed the period of validity of the certificate of qualification for personnel conducting non-destructive examinations.

CHAPTER VII

AUTHORISATION OF A LEGAL PERSON CONDUCTING NON-DESTRUCTIVE EXAMINATIONS

SECTION 1

General provisions

Article. 32 The provisions of this chapter shall apply to the authorisation by ISCIR of legal persons carrying out non-destructive examinations in the field regulated by ISCIR.

SECTION 2

Accreditation procedures for legal persons conducting non-destructive examinations

Article. 33 (1) The non-destructive examination methods and specialisations for which legal persons conducting non-destructive examinations are authorised are set out in Annex 1, with the exception of the visual examinations method (VT).

(2) Where a legal person carrying out non-destructive examinations is authorised for a specific specialisation of a non-destructive examination method, the authorisation shall include the symbol for the method, followed, in brackets, by the symbol for the specialisation.

(3) If the legal person performs non-destructive examinations of installations/equipment forming part of nuclear facilities, in the authorisation the letter 'N' shall be entered before the symbol for the method.

*SECTION 3***Authorisation conditions for legal persons conducting non-destructive examinations**

Article. 34 (1) Legal persons applying for authorisation to conduct non-destructive examinations shall submit an application to ISCIR using the form provided in Annex 13.

(2) If authorisation is sought for several subdivisions (laboratories), the applicant must meet the requirements regarding staffing and technical facilities provided for in Article 35, separately for each subdivision.

Article. 35 The application shall be accompanied by the following documents:

- a) a certificate of registration issued by the National Trade Register Office, setting out the company's identification details and organisational structure, and confirming that its scope of business includes technical testing and analysis, issued no more than 30 days prior to the date of the application;
- b) a tax registration certificate valid on the submission date, in the case of organisations not registered with the National Trade Register Office;
- c) an organisational chart of the legal entity showing the roles and chains of command for the personnel employed, and the relationship between the activity for which authorisation is sought, the specialist technical personnel and the organisation's other activities;
- d) the list of the minimum mandatory equipment comprising measuring instruments and accessories, drawn up on the basis of documents proving the applicant legal person's lawful possession/use thereof, identified by their serial numbers, as set out in Annex 10(10.2);
- e) copies of the benchmarking certificates and/or copies of the calibration certificates or metrological verification reports for the measuring, testing and verification equipment used in the activity for which authorisation is sought, where applicable;
- f) a copy of the decision appointing the head of the laboratory and a copy of the decision appointing their deputy, who must be authorised by ISCIR as at least Level 2 non-destructive testing operator for the methods for which authorisation is sought for the legal person, in accordance with the template provided in Annex 14;
- g) a copy of the decision appointing the RTEND, in accordance with the template provided in Annex 14;
- h) a copy of the valid RTEND certificate issued by ISCIR in accordance with the provisions of the legislation in force;

NOTE: the RTEND must be authorised as at least a Level 2 non-destructive testing operator for the non-destructive examinations methods/specialisations for which the legal person is requesting authorisation.

i) copies of the individual employment contracts and evidence of registration in the General employee register proving the existence, on the date of the application, of contractual employment relationships between the legal person and the RTEND, between the legal person and the non-destructive testing operator personnel, as well as between the legal person and the laboratory head/deputy laboratory head; if the legal person administrator is not an employee, these documents are not required;

j) the list of authorised non-destructive testing operators for the methods/specialisations for which the legal person is seeking authorisation;

k) copies of the authorisations of the non-destructive testing operators;

l) specimens of the stamps issued to authorised non-destructive testing operators;

m) a specimen of the stamp of the legal person's non-destructive examination laboratory;

n) copies of the authorisations to hold, use and, where applicable, transport, within their term of validity, issued by CNCAN, only if the application for authorisation also includes the RT method;

o) the working procedures for each non-destructive examination method or specialisation for which the legal person in non-destructive testing is seeking authorisation, accredited by a non-destructive testing operator authorised at ISCIR Level 3 for the methods covered by the accreditation.

NOTE 1: if the legal person is to conduct non-destructive testing on installations or equipment forming part of nuclear facilities, the working procedures referred to in (o) must also be accredited by ISCIR.

NOTE 2: If the legal person is to conduct non-destructive examinations for the AT method, the working procedures must be accredited by ISCIR.

Article. 36 (1) The specialist inspector from ISCIR shall check the documentation provided for in Articles 34 and 35.

(2) In the event of an incorrectly completed application or document, or incomplete documentation, the applicant shall be informed in writing of the need to submit the necessary additions or correctly completed documentation.

(3) If the applicant fails to complete the documentation in accordance with the requirements of (1), within a maximum of 30 days from the date of receipt of the communication, the authorisation application shall be deemed rejected and the submitted documentation archived.

(4) If the documentation is accepted, ISCIR shall notify the legal person, within a maximum of 30 days of the date of completion of the documentation, of the proposed date of the authorisation checks.

SECTION 4

Checks of the legal person for the purposes of authorisation

Article. 37 For the purposes of conducting technical inspections with a view to authorisation, the legal person must grant access to its registered head office/subdivisions at which it conducts its activities.

Article. 38 (1) On the scheduled date of the authorisation checks, the legal person must provide any information requested by the specialist inspector from ISCIR regarding the documentation submitted and, upon the inspector's request, present the original copies of the documents referred to in Article 35.

(2) ISCIR shall check that the documentation submitted for authorisation corresponds to the legal person's current situation.

Article. 39 On the scheduled date, the specialist inspector from ISCIR shall check the following:

- a) whether the non-destructive testing operator knows, applies and complies with the provisions of the procedures and the instructions for non-destructive examinations specific to the laboratory;
- b) whether the non-destructive testing operator can correctly identify and use the equipment and accessories provided by the legal person;
- c) whether the non-destructive testing operator can identify and access standards, instructions, procedures and technical regulations;
- d) whether the non-destructive testing operator completes the registers of non-destructive examination documents issued and the registers of inspections performed of equipment and accessories;
- e) whether the non-destructive testing operator meets the conditions provided for in Article 15(1)(b)(3);
- f) the validity of the authorisations of the non-destructive testing operator;
- g) the traceability of the non-destructive examination documents;
- h) the way in which the non-destructive examination documents issued have been written up;
- i) the manner of operation of the equipment and accessories supplied to the laboratory;
- j) the existence of benchmarking/calibration certificates, metrological verification reports and quality/conformity certificates for the measuring instruments, accessories and materials used for non-destructive examinations in the laboratory, and the way in which these records are archived.

Article. 40 (1) The specialist inspector from ISCIR shall record the results of the checks in the report according to the template provided in Annex 15 and indicate whether or not the legal person meets the requirements for providing the activity.

(2) If the legal person meets the necessary conditions for undertaking the activity, the report shall propose its authorisation and specify the non-destructive examination methods and specialisations and the limits of their application in compliance with Article 33, the laboratory head, deputy laboratory head and the certified RTEND, distinct for each subdivision (laboratory).

(3) If the conditions have not been met for authorisation of the legal person, the report shall specify which conditions have not been met and set out the appropriate recommendations.

SECTION 5

Issuance of the authorisation

Article. 41 (1) On the basis of the report drawn up by the specialist inspector from ISCIR, the authorisation shall be issued to the legal person, according to the model provided in Annex 16.

(2) The authorisation for non-destructive examinations shall be issued to the legal person within 30 days of the date on which the report is written up by the specialist inspector from ISCIR, upon presentation of proof of payment of the corresponding fees.

Article. 42 (1) The authorisation shall be issued for an indefinite period provided that the requirements on the basis of which it was granted are maintained at all times.

(2) Where authorisation is sought for several subdivisions, ISCIR shall issue a separate authorisation for each of them.

(3) Obtaining the authorisation issued by ISCIR does not exempt the legal person from the obligation to obtain all other authorisations or similar documents required under the legislation in force in order to carry out its activities.

Article. 43 (1) The legal person shall be entitled to undertake the activity for which it is authorised only from the date on which it takes possession of the authorisation.

(2) The legal person shall be obliged to take possession of the authorisation within a maximum of 60 days from the date of issue.

(3) Failure to comply with the provisions of (2) shall result in cancellation of the authorisation.

Article. 44 (1) Any change that results in non-compliance with the requirements on the basis of which the authorisation was granted, or any change to the details set out in the authorisation, must be notified in writing to ISCIR by the authorised legal person.

(2) In the scenario referred to in (1), ISCIR shall suspend the authorisation and notify the legal person of its decision.

(3) In order to have the suspension of the authorisation lifted, the legal entity must submit an application to ISCIR, accompanied by supporting documents demonstrating compliance with the authorisation requirements.

(4) The specialist inspector from ISCIR shall record the results of the checks in the report according to the template provided in Annex 17 and indicate whether or not the legal person meets the requirements for lifting the suspension of the authorisation.

(5) On the basis of the findings set out in the report, ISCIR shall notify the legal entity that the suspension of the authorisation has been lifted.

SECTION 6

Scheduled inspection of authorised legal persons

Article. 45 (1) The authorised legal person may be inspected annually by ISCIR to verify that it continues to meet the requirements on the basis of which the authorisation was granted, that it retains the technical capability to carry out the activity for which it was authorised and that it complies with the provisions of the technical regulations applicable to its field of activity.

(2) The inspection referred to in (1) may also include a practical assessment of the personnel conducting non-destructive examinations.

(3) The inspection constitutes a scheduled inspection.

Article. 46 (1) During the scheduled inspection, the specialist inspector from ISCIR shall state in the technical inspection report, in accordance with the template provided in Annex 17, whether or not the authorised legal person meets the requirements for continuing its activities and shall make appropriate recommendations accordingly.

(2) On the basis of the report, ISCIR shall inform the legal person of the measure ordered.

*SECTION 7***Conditions for updating the authorisation**

Article. 47 (1) The authorised legal person must notify ISCIR of any change resulting in non-compliance with the requirements on the basis of which the authorisation was granted, any change to the details set out in the authorisation, or any change to the limits imposed by the provisions of the standards applicable to the examination conditions (temperature of the surface being tested, thickness of the base material, etc.), with a view to updating the authorisation; any change to the limits imposed by the provisions of the applicable standards shall be based on an inspection conducted by ISCIR aimed at demonstrating the technical capability of the laboratory and of the personnel designated to perform non-destructive examinations under these conditions.

(2) In order to update the authorisation, the legal person must submit the documents referred to in Article 35 to ISCIR, adjusted accordingly.

(3) The specialist inspector from ISCIR shall check the technical documentation provided for in (2) in order to assess the requested changes.

(4) If the documentation referred to in (2) is accepted by the specialist inspector from ISCIR, the checks provided for in Article 39 shall be conducted.

(5) The specialist inspector from ISCIR shall record the results of the checks in the report according to the template provided in Annex 15 and indicate whether or not the legal person meets the requirements for updating the authorisation.

(6) If the legal person meets the conditions, the report shall propose updating the authorisation and specify the non-destructive examination methods and specialisations and the limits of their application, as applicable, the laboratory head, deputy laboratory head and the certified RTEND, distinct for each subdivision (laboratory).

(7) If the conditions have not been met, the report shall specify which conditions have not been met and set out the appropriate recommendations.

(8) Any change to the Unique Registration Code requires a new authorisation to be obtained.

Article. 48 (1) ISCIR shall issue the updated authorisation in accordance with the template provided in Annex 18 within a maximum of 30 days of the date on which the report is written up by the specialist inspector from ISCIR, upon presentation of proof of payment of the applicable fees.

(2) The legal person shall be entitled to undertake the activity for which it the update is sought only from the date on which it takes possession of the update to the authorisation.

(3) The legal person shall be obliged to take possession of the update to the authorisation within a maximum of 60 days from the date of issue.

(4) Failure to comply with the provisions of (3) shall result in cancellation of the update to the authorisation.

CHAPTER VIII

AUTHORISATION OF LEGAL ENTITIES CONDUCTING DESTRUCTIVE TESTS

SECTION 1

General provisions

Article. 49 The provisions of this chapter shall apply to the authorisation by ISCIR of legal persons conducting destructive tests of materials and welded joints.

SECTION 2

Areas of authorisation of legal persons performing destructive tests

Article. 50 The areas of destructive testing for which legal persons performing destructive tests are authorised are presented in Annex 19.

Article. 51 The requirement for authorisation of a legal person performing destructive tests is that it must demonstrate that it possesses the necessary equipment and technical capability to do so in one of the fields provided for in Annex 19.

SECTION 3

Requirements for the authorisation of legal persons performing destructive tests

Article. 52 (1) Legal persons applying for authorisation to perform destructive tests shall submit an application to ISCIR using the form provided in Annex 20.

(2) If authorisation is sought for several subdivisions (laboratories), the applicant must meet the requirements regarding staffing and technical facilities provided for in Article 53, separately for each subdivision.

Article. 53 The application shall be accompanied by the following documents:

- a) a certificate of registration issued by the National Trade Register Office, setting out the company's identification details and organisational structure, and confirming that its scope of business includes technical testing and analysis, issued no more than 30 days prior to the date of the application;
- b) a tax registration certificate valid on the submission date, in the case of organisations not registered with the National Trade Register Office;

- c) an organisational chart of the legal entity showing the roles and chains of command for the personnel employed, and the relationship between the activity for which authorisation is sought, the specialist technical personnel and the organisation's other activities;
 - d) a list of the equipment, accessories and standard equipment available at its facilities, drawn up on the basis of documents proving their legal possession/use by the applicant legal person;
 - e) copies of the benchmarking certificates and/or copies of the calibration certificates or metrological verification reports for the measuring, testing and verification equipment used in the activity for which authorisation is sought, where applicable;
 - f) a copy of the decision appointing the RTED, in accordance with the template provided in Annex 14;
 - g) a copy of the valid RTED certificate issued by ISCIR in accordance with the provisions of the legislation in force;
 - h) a list naming the technical personnel employed by the laboratory;
 - i) a copy of the individual employment contracts and evidence of registration in the General employee register proving the existence, on the date of the application, of a contractual employment relationship between the legal person and the RTED, as well as between the legal person and the technical personnel employed; if the legal person administrator is not an employee, these documents are not required;
 - j) a certificate of industrial experience for the technical personnel employed, in accordance with the template provided in Annex 21, showing the period of industrial experience in the areas of testing for which authorisation is sought, gained while working for a legal entity performing destructive tests, authorised in accordance with this technical regulation;
- NOTE: The length of industrial experience must be at least four months for each area of testing.
- k) the working procedures for each area of testing applied for.

Article. 54 (1) The specialist inspector from ISCIR shall check the documentation provided for in Article 53.

(2) In the event of an incorrectly completed application or document, or incomplete documentation, the applicant shall be informed in writing of the need to submit the necessary additions or correctly completed documentation.

(3) If the applicant fails to complete the documentation in accordance with the requirements of (1), within a maximum of 30 days from the date of receipt of the communication, the authorisation application shall be deemed rejected and the submitted documentation archived.

(4) If the documentation is accepted, ISCIR shall notify the legal person, within a maximum of 30 days of the date of completion of the documentation, of the proposed date of the authorisation checks.

SECTION 4

Checks of the legal person for the purposes of authorisation

Article. 55 For the purposes of conducting inspections with a view to authorisation, the legal person must grant access to its registered head office/subdivisions at which it conducts its activities.

Article. 56 (1) On the scheduled date of the authorisation checks, the legal person must provide any information requested by the specialist inspector from ISCIR regarding the documentation submitted and, upon the inspector's request, present the original copies of the documents provided for in Article 53.

(2) ISCIR shall check that the documentation submitted for authorisation corresponds to the legal person's current situation.

Article. 57 On the scheduled date, the specialist inspector from ISCIR shall check the following:

- a) whether the technical personnel know, apply and comply with the provisions of the procedures and the instructions for destructive tests specific to the laboratory;
- b) whether the technical personnel can correctly identify and use the equipment provided by the legal person;
- c) whether the technical personnel can identify and access standards, instructions, procedures and technical regulations;
- d) whether the technical personnel complete the registers of destructive testing documents issued and the registers of equipment inspections performed;
- e) whether the list referred to in Article 53(d) reflects reality;
- f) the traceability of destructive testing documents;
- g) the way in which the destructive testing documents issued have been written up;
- h) the manner of operation of the equipment available at the laboratory;
- i) the existence of benchmarking/calibration certificates, metrological verification reports and quality/conformity certificates for the measuring instruments for destructive tests in the laboratory and the way in which these records are archived.

Article. 58 (1) The specialist inspector from ISCIR shall record the results of the checks in the report according to the template provided in Annex 17 and indicate whether or not the legal person meets the requirements for providing the activity.

(2) If the legal person meets the necessary conditions for undertaking the activity, the report shall propose its authorisation and specify the fields of testing, the limits of their application and the certified RTED, distinct for each subdivision (laboratory).

(3) If the conditions have not been met for authorisation of the legal person, the report shall specify which conditions have not been met and set out the appropriate recommendations.

SECTION 5

Issuance of the authorisation

Article. 59 (1) On the basis of the report drawn up by the specialist inspector from ISCIR, the authorisation shall be issued to the legal person, according to the model provided in Annex 22.

(2) The authorisation for performing destructive testing shall be issued within 30 days of the date on which the report is written up by the specialist inspector from ISCIR, upon presentation of proof of payment of the corresponding fees.

Article. 60 (1) The authorisation shall be issued for an indefinite period provided that the requirements on the basis of which it was granted are maintained at all times.

(2) Where authorisation is sought for several subdivisions, ISCIR shall issue a separate authorisation for each of them.

(3) Obtaining the authorisation issued by ISCIR does not exempt the legal person from the obligation to obtain all other authorisations or similar documents required under the legislation in force in order to carry out its activities.

Article. 61 (1) The legal person shall be entitled to undertake the activity for which it is authorised only from the date on which it takes possession of the authorisation.

(2) The legal person shall be obliged to take possession of the authorisation within a maximum of 60 days from the date of issue.

(3) Failure to comply with the provisions of (2) shall result in cancellation of the authorisation.

Article. 62 (1) Any change that results in non-compliance with the requirements on the basis of which the authorisation was granted, or any change to the details set out in the authorisation, must be notified in writing to ISCIR by the authorised legal person.

(2) In the scenario referred to in (1), ISCIR shall suspend the authorisation and notify the legal person of its decision.

(3) In order to have the suspension of the authorisation lifted, the legal entity must submit an application to ISCIR, accompanied by supporting documents demonstrating compliance with the authorisation requirements.

(4) The specialist inspector from ISCIR shall record the results of the checks in the report according to the template provided in Annex 17 and indicate whether or not the legal person meets the requirements for lifting the suspension of the authorisation.

(5) On the basis of the findings set out in the report, ISCIR shall notify the legal entity that the suspension of the authorisation has been lifted.

SECTION 6

Scheduled inspection of authorised legal persons

Article. 63 (1) The authorised legal person may be inspected annually by ISCIR to verify that it continues to meet the requirements on the basis of which the authorisation was issued, that it retains the technical capability to carry out the activity for which it was authorised and that it complies with the provisions of the technical regulations applicable to its field of activity.

(2) The inspection constitutes a scheduled inspection.

Article. 64 (1) During the scheduled inspection, the specialist inspector from ISCIR shall state in the technical inspection report whether or not the authorised legal person meets the requirements for continuing its activities and shall make appropriate recommendations accordingly.

(2) On the basis of the report, ISCIR shall inform the legal person of the measure ordered.

SECTION 7

Conditions for updating the authorisation

Article. 65 (1) Any change that results in non-compliance with the requirements on the basis of which the authorisation was issued, or any change to the details set out in the authorisation, must be notified to ISCIR by the authorised legal person so that the authorisation can be updated.

(2) In order to update the authorisation, the legal person must submit the documents referred to in Article 53 to ISCIR, adjusted accordingly.

(3) The specialist inspector from ISCIR shall check the technical documentation provided for in (2) in order to assess the requested changes.

(4) If the documentation referred to in (2) is accepted by the specialist inspector from ISCIR, the checks provided for in Article 57 shall be conducted.

(5) The specialist inspector from ISCIR shall record the results of the checks in the report according to the template provided in Annex 17 and indicate whether or not the legal person meets the requirements for updating the authorisation.

(6) If the legal person meets the necessary conditions, the report shall propose updating the authorisation and specify the fields of testing, the limits of their application and the certified RTED, distinct for each subdivision (laboratory).

(7) If the conditions have not been met, the report shall specify which conditions have not been met and set out the appropriate recommendations.

(8) Any change to the Unique Registration Code requires a new authorisation to be obtained.

Article. 66 (1) ISCIR shall issue an update to the authorisation in accordance with the template provided in Annex 23 within a maximum of 30 days of the date on which the report is written up by the specialist inspector from ISCIR, upon presentation of proof of payment of the applicable fees.

(2) The legal person shall be entitled to undertake the activity for which it the update is sought only from the date on which it takes possession of the update to the authorisation.

(3) The legal person shall be obliged to take possession of the update to the authorisation within a maximum of 60 days from the date of issue.

(4) Failure to comply with the provisions of (3) shall result in cancellation of the update to the authorisation.

CHAPTER IX

REGISTRATION OF AUTHORISED LEGAL PERSONS IN THE ISCIR REGISTER

Article. 67 (1) The legal persons referred to in Article 2(1) shall be registered in the ISCIR Register of authorised legal persons.

(2) The legal persons referred to in Article 1 shall be registered ex officio in the Register provided for in Article 2(1) on the basis of the authorisation issued by ISCIR.

(3) In the case of the provision of occasional/temporary cross-border services, in order to be registered in the Register provided for in Article 2(1), legal persons authorised in equivalent fields of activity by the competent authorities of a Member State of the European Union or a State signatory to the Agreement on the European Economic Area shall submit the following to ISCIR:

a) an application for registration, which must include at least the following:

1) the applicant's identification and contact details;

- 2) the types of examinations and/or tests.
- b) a copy of the authorisation or equivalent document issued by the competent authority in the Member State;
- c) a copy of the certificate of registration or equivalent document issued by the competent authority of the Member State, showing the applicant's identification data and subdivisions thereof, if applicable;
- d) a list of personnel with responsibilities equivalent to those provided for in this technical regulation.

(4) ISCIR shall analyse and check the document referred to in (3)(b) through the Internal Market Information System (IMI-NET) and, if the outcome of the checks is positive and the requirements set out in (3)(c) to (d) are met, register the legal person provided for in Article 2(1) in the ISCIR Register of authorised legal persons and send the applicant a document confirming the registration.

(5) The legal persons provided for in (3) are entitled to carry out the activity for which they have applied for registration only from the date on which the document confirming their registration is issued.

CHAPTER X

OBLIGATIONS AND RESPONSIBILITIES

Article. 68 Accredited vocational training providers organising vocational training programmes shall have the following obligations and responsibilities:

- a) to implement the programmes, within the limits of their competences and subject to the conditions for which they have been accredited;
- b) to ensure the necessary conditions for the smooth running of the programmes and provide specific, up-to-date course materials for each participant;
- c) to deliver training programmes with Type C-certified trainers, corresponding to the vocational training programme specified in the applicable technical regulation, or specialist trainers;
- d) to adhere to the detailed syllabus, broken down by topics, days, hours and trainers;
- e) to issue the certificate of participation in the vocational training programme, in accordance with the template provided in Annex 2(2.2), only to those who have completed the programme;
- f) to draw up an attendance list of the persons who took part in the specialisation programme (surname, first name, date and signature), to keep a record of the attendance certificates for those who completed the specialisation programme and to retain these records for a period of at least 5 (five) years, unless otherwise provided for by law;
- g) to ensure the conditions for scheduled or unscheduled inspections of their activity by ISCIR;

- h) to send ISCIR any information or document requested, in writing, in relation to the accredited activities;
- i) to send ISCIR, in writing, any information or document requested in relation to the accredited activities;
- j) to participate in the meetings organised by ISCIR;
- k) to notify ISCIR within 15 days of any change in the conditions on the basis of which the accreditation was issued.

Article. 69 Legal persons authorised to conduct non-destructive examinations that are registered in the register provided for in Article 2(1) shall have the following obligations and responsibilities:

- a) to perform non-destructive examinations for the methods/specialisations for which they are authorised, within the limits of their competence and under the conditions for which they are authorised;
- b) to perform the non-destructive tests referred to in (a) only with authorised non-destructive examinations operators whose authorisation is valid;
- c) to inform ISCIR in writing of any change that results in non-compliance with the requirements on the basis of which the authorisation was granted, or any change to the details set out in the authorisation, within 15 days of the change arising;
- d) to keep a record of the non-destructive examination documents issued for the authorised methods containing at least the following data:
 - 1) document number;
 - 2) non-destructive examination method;
 - 3) issue date;
 - 4) beneficiary;
 - 5) identification of the equipment examined.
- e) to retain, for a period of at least 5 (five) years, registers and documents created as a result of performance of the activity for which they are authorised;
- f) to ensure the conditions for scheduled or unscheduled inspections of their activity by ISCIR;
- g) to participate in the meetings organised by ISCIR.

Article. 70 The legal person, through the laboratory head or, in their absence, the deputy laboratory head, shall have the following obligations:

- a) to check and sign all non-destructive examinations documents issued by the authorised legal person;

b) to train and assess non-destructive testing operator personnel annually, to keep a record of such training and to document the results in a report in accordance with the authorised legal person's own procedures/instructions;

c) to keep records of metrological checks and calibrations of the laboratory's measuring instruments and equipment and implement measures to ensure that they are conducted at the due date;

d) to permit non-destructive examinations to be performed only by personnel who comply with Article 72(e);

e) to update the procedures and instructions for non-destructive examinations whenever there are changes in the applicable legislation and/or standards;

f) to ensure that the non-destructive examination documents issued include the following minimum details:

1) the full name, address and identification details of the legal person performing non-destructive examinations;

2) the ISCIR authorisation number and date of issue;

3) the number of the document and its date of issue;

4) the date on which the non-destructive examinations were performed;

5) the method/specialisation to which the document relates;

6) the identification details of the equipment, accessories and materials used to perform the examinations;

7) the identification details of the equipment/components examined (type, serial number/year of manufacture, authorisation/approval number, where applicable, etc.);

8) identification and localisation data for the zones examined, as well as the percentage of the area examined;

9) complete information relating to the examination parameters specific to the method applied, including the temperature of the equipment examined;

10) information relating to the examination technique, acceptance levels in relation to the quality levels of discontinuities, with an indication of the related standards/rules;

11) the decision as to whether to accept or reject the product under examination in accordance with the acceptance standard/rule;

12) the surname and first name, the number and expiry date of the ISCIR authorisation, the signature and stamp of the non-destructive testing operator who performed the examinations and/or interpreted the results thereof;

13) the surname and first name, the number and expiry date of the ISCIR authorisation, the signature of the laboratory manager and the laboratory stamp, to certify compliance.

Note: the non-destructive examination documents issued must be accompanied by annexes containing the sketch of the equipment/subassembly and the welds/zones examined/measured, respectively.

- g) to monitor compliance with the requirements provided for in Article 39(d).

Article. 71 RTEND shall have the following obligations:

a) to ensure that non-destructive examinations are performed in accordance with the applicable standards and only by ISCIR authorised laboratory personnel under the conditions laid down in this technical regulation for the methods and specialisations covered by the examinations;

b) to ensure that the examinations are only performed using technical means that meet the requirements provided for in this technical regulation and in the applicable standards;

c) to endorse the documents issued for non-destructive examinations performed in connection with the approval of welding procedures or the certification of welders or equipment/installations within the ISCIR remit, by applying a stamp in accordance with the model below:

*)	
Surname and first name:	
Endorsed as compliant with **)	
RTEND Certificate number	
Date:	Signature:

*) Enter the name of the authorised legal person.

**) Complete with the applicable reference standards.

d) not to endorse documents issued for non-destructive examinations performed in the capacity of non-destructive testing operator.

Article. 72 The non-destructive testing operator authorised by ISCIR shall have the following obligations:

a) to understand how non-destructive examination methods are applied and the limits of their application;

b) to perform non-destructive examinations using the methods/specialisations for which they are authorised, in accordance with the provisions of this technical regulation and with the procedures and working instructions of the natural/legal person authorised to perform non-destructive examinations;

c) to sign and stamp the reports issued following the non-destructive examinations performed;

d) to carry the authorisation on their person and present it to the specialist inspector from ISCIR upon request;

e) to hold the occupational health fitness certificate in compliance with the provisions of Article 12(1)(d).

Article. 73 Legal persons authorised to conduct destructive testing that are registered in the register provided for in Article 2(1) shall have the following obligations and responsibilities:

a) to perform the destructive tests for which they hold ISCIR authorisation, in accordance with the provisions of this technical regulation, the applicable standards and its own procedures and work instructions;

b) to keep registers of reports issued for destructive testing for which it has an ISCIR authorisation, containing at least the following data:

- 1) report number;
- 2) report issue date;
- 3) beneficiary of the examinations;

c) to retain, for a period of at least 5 (five) years, registers and documents created as a result of the destructive testing performed;

d) to inform ISCIR in writing of any change that results in non-compliance with the requirements on the basis of which the authorisation was issued, or any change to the details set out in the authorisation, within 15 days of the change arising;

- e) to ensure the conditions for scheduled or unscheduled inspections of their activity by ISCIR;
- f) to participate in the meetings organised by ISCIR.

Article. 74 RTED shall have the following obligations:

a) to ensure that destructive testing is performed in accordance with the applicable standards, subject to the provisions of this technical regulation for the areas of testing for which it holds ISCIR authorisation;

b) to ensure that the destructive tests are only performed using technical means that meet the requirements provided for in this technical regulation and in the applicable standards;

c) to ensure that the destructive test reports issued include the following minimum details:

- 1) the full name, address and identification details of the legal person;
- 2) the ISCIR authorisation number;
- 3) the full name and address of the laboratory;
- 4) indication of the specific reference standards for each type of destructive test carried out;
- 5) the date on which the destructive tests were performed;

d) to check that the destructive testing reports issued are identified by a unique number, are dated with the date on which they were written up and are recorded chronologically in the registers;

e) to train and periodically assess the technical training of the technical personnel employed by the laboratory, at least once a year, recording the results in a document in accordance with the authorised legal person's own procedures/instructions;

f) to endorse reports issued for destructive tests performed in connection with the approval of welding procedures or the certification of welders or equipment/installations within the ISCIR remit, by applying a stamp in accordance with the template below:

*)	
Surname and first name:	
Endorsed as compliant with **)	
RTED Certificate number	
Date:	Signature:

*) Enter the name of the authorised legal person.

**) Complete with the applicable reference standards.

g) not to endorse documents issued for destructive tests performed in their capacity as technical personnel employed by the laboratory.

CHAPTER XI

ADMINISTRATIVE MEASURES

Article. 75 (1) Should authorised non-destructive testing operators, legal persons authorised by ISCIR and by specialist technical personnel (PTS) accredited by ISCIR or by vocational training providers accredited by ISCIR fail to comply with the obligations and responsibilities laid down in this technical regulation, the following administrative measures shall be applied, depending on the nature of the non-compliance:

a) warning for breach of the provisions of Article 68(b), (d), (f), (i) and (j), Article 69(d), (f) and (g), Article 70(a) and (f), Article 72(c) and (d), Article 73(b), (e) and (f) and Article 74 (c) and (d);

b) suspension, for a period of up to 3 (three) months, of the authorisation of the natural/legal person, the RTEND certificate, the RTED certificate or the accreditation of the vocational training provider, for breach of the provisions of Article 68(c), (g), (h) and (k), Article 69(c), Article 70(b), (d), (e) and (g), Article 71(b) to (d), Article 72(e), Article 73(c) and Article 74(b) and (e) to (g);

c) suspension, for a period of 3 (three) months to 6 (six) months, of the authorisation of the natural/legal person, the RTEND certificate, the RTED certificate or the accreditation of the vocational training provider, for breach of the provisions of Article 68(a) and (e), Article 69(b) and (e), Article 70(c), Article 71(a), Article 72(a) and (b), Article 73(d) and Article 74(a);

d) withdrawal of the authorisation of the authorised legal person, for breach of the provisions of Article 69(a) and Article 73(a).

(2) The application within 3 (three) months of two of the administrative measures provided for in (1)(a) shall give rise to application of the administrative measure referred to in (1)(b).

(3) The application within 1 (one) year of two of the administrative measures provided for in (1)(b) or (c) shall give rise to application of the administrative measure referred to in (1)(d).

(4) The administrative measures provided for in (1)(b) and (c) shall be applied in compliance with the legal provisions in force and the principle of proportionality.

(5) The administrative measures shall be ordered by ISCIR, by reasoned decision, on the basis of the report written up by the specialist inspector from ISCIR during the inspection conducted.

(6) Authorised non-destructive testing operators, RTEND and RTED specialist technical personnel, accredited vocational training providers and authorised legal persons may appeal the decision ordering application of the administrative measure before the competent court according to the procedure provided for in the Law on administrative litigation.

Article. 76 (1) Authorised non-destructive testing operators, specialist technical personnel (RTEND and/or RTED), accredited vocational training providers and authorised legal entities whose authorisation/certificate/accreditation has been suspended may, once the non-conformities that led to imposition of the administrative measure have been rectified, submit a written request to ISCIR for the suspension to be lifted.

(2) Following the request referred to in (1), the specialist inspector from ISCIR shall check, confirm and record in a report that the non-conformities that led to imposition of the administrative measure have been rectified and propose that the sanction be lifted.

(3) Natural persons who held an authorisation/certificate but whose authorisation/certificate has been withdrawn may apply for the issue of a new authorisation/certificate, in accordance with the requirements of this technical regulation or the applicable technical regulation, at least 6 (six) months after the date on which the administrative measure to withdraw the document was implemented.

(4) Legal persons whose authorisation/accreditation has been withdrawn may apply for a new authorisation/accreditation, in accordance with the requirements of this technical regulation, at least 1 (one) year after the date of application of the administrative measure to withdraw the document.

(5) In the case of non-destructive testing operators or authorised legal persons holding authorisations for multiple examination/testing methods or areas, the withdrawal measure shall apply only to the authorisation concerning the area in which the requirement is no longer met.

Article. 77 (1) In the event that legal persons authorised in equivalent fields of activity by the competent authorities of a Member State of the European Union or a State signatory to the Agreement on the European Economic Area, who are registered in the ISCIR Register of authorised legal persons, fail to comply with the obligations and responsibilities laid down in this technical regulation, administrative measures may be applied, according to the nature of the offence:

- a) warning for breach of Article 69(d), (f) and (g) and Article 73(b), (e) and (f);
- b) suspension, for a period of up to 3 (three) months, of the right of the legal person to conduct their activity and notification of the competent authority having issued the authorisation, with a view to application of the measures provided for in Directive 2006/123/EC, subject to the precondition of compliance with Articles 18, 39 and 40 of Government Emergency Order No 49/2009 on services in the internal market, for breach of the provisions of Article 69(c) and Article 73(c);
- c) suspension, for a period of 3 (three) to 6 (six) months, of the right of the legal person to conduct their activity and notification of the competent authority having issued the authorisation, with a view to application of the measures provided for in Directive 2006/123/EC, subject to the precondition of compliance with Article 18, 39 and 40 of Government Emergency Order No 49/2009 on services in the internal market, for breach of the provisions of Article 69(b) and (e) and Article 73(d);
- d) withdrawal of the right of the legal person to conduct their activity and notification of the competent authority having issued the authorisation, with a view to application of the measures provided for in Directive 2006/123/EC, subject to the precondition of compliance with Articles 18, 39 and 40 of Government Emergency Order No 49/2009 on services in the internal market, for breach of the provisions of Article 69(a) and Article 73(a).

(2) The application within 3 (three) months of two of the administrative measures provided for in (1)(a) shall give rise to application of the administrative measure referred to in (1)(b).

(3) The application within 1 (one) year of two of the administrative measures provided for in (1)(b) or (c) shall give rise to application of the administrative measure referred to in (1)(d).

(4) The administrative measures provided for in (1)(b) and (c) shall be applied in compliance with the legal provisions in force and the principle of proportionality.

(5) The administrative measures shall be ordered by ISCIR, by reasoned decision, on the basis of the report written up by the specialist inspector from ISCIR during the inspection conducted.

(6) Legal persons may appeal the decision ordering application of the administrative measure before the competent court according to the procedure provided for in the Law on administrative litigation.

(7) A legal person authorised in equivalent fields of activity by the competent authorities of a Member State of the European Union or a State signatory to the Agreement on the European Economic Area, who is registered in the ISCIR Register of authorised legal persons, whose right to conduct such activities has been suspended, may, following rectification of the non-compliances that led to imposition of the administrative measure, submit a written request to ISCIR for the suspension to be lifted.

(8) Following the request referred to in (7), the specialist inspector from ISCIR shall check, confirm and record in a report that the non-conformities that led to imposition of the administrative measure have been rectified, and shall propose that the sanction be lifted.

(9) A legal person authorised in equivalent fields of activity by the competent authorities of a Member State of the European Union or a State signatory to the Agreement on the European Economic Area, who are registered in the ISCIR Register of authorised legal persons, whose right to conduct their activity has been withdrawn and who has been removed from the ISCIR Register, may apply for registration in the ISCIR Register of authorised legal persons, in accordance with the requirements of this technical regulation, at least 1 (one) year after the date of application of the administrative measure.

CHAPTER XII

TARIFFS

Article. 78 (1) The applicable tariffs for activities undertaken by ISCIR in accordance with the provisions of this technical regulation shall be those set out in the schedule of tariffs approved in accordance with the legislation in force.

(2) ISCIR shall undertake the activities provided for in this technical regulation only for the benefit of natural and legal persons in respect of whom debt recovery procedures provided for under the legislation in force have not been initiated.

CHAPTER XIII

TRANSITIONAL PROVISIONS

Article. 79 (1) Authorisations issued to non-destructive testing operators by ISCIR prior to the date on which this technical regulation enters into force shall remain valid until their expiry date.

(2) Upon expiry of the period referred to in (1), upon application for renewal of validity, the non-destructive testing operators declared as 'PASSED' shall be issued authorisations in accordance with the template provided in Annex 12.

Article. 80 Applications for authorisations/renewal of validity of authorisations submitted prior to the date on which this technical regulation comes into force shall be processed in accordance with the provisions of the technical regulation in force at the time of their registration.

Article. 81 Documents obtained following the completion of vocational training programmes organised before the entry into force of this technical regulation, in compliance with the requirements of the technical regulation applicable on the date of completion, shall remain valid.

Article. 82 (1) Legal persons authorised by ISCIR that hold authorisations issued in accordance with the provisions of the technical regulation provided for in Annex I to Order No 1.001/2013 of the Minister of Economy, which have not been suspended, may continue to conduct their activity for a period of 3 (three) years from the date of entry into force of this technical regulation; their right to conduct said activity will end on the date on which that period expires.

(2) In order to obtain the authorisations, the legal persons provided for in (1) shall request that ISCIR issue the authorisation in accordance with the provisions of this technical regulation; this will constitute a scheduled inspection.

(3) In order to issue the authorisation provided for in (2), the authorised legal person shall submit the updated documents referred to in Article 35 to ISCIR.

(4) In the event of failure to meet the requirements provided for in (2), authorisations issued in accordance with the technical regulation provided for in Annex I to Order No 1.001/2013 of the Minister of Economy shall be revoked.

Article. 83 Legal persons assessed by ISCIR that hold agreements issued in accordance with the technical regulation set out in Annex I to Order No 1.001/2013 of the Minister of Economy, which have not been suspended, shall be subject to the obligations and responsibilities provided for in Article 73 and failure to comply with them shall result in application of the administrative measures set out in Article 75.

Article. 84 (1) Legal persons assessed by ISCIR that hold agreements issued in accordance with the provisions of the technical regulation provided for in Annex I to Order No 1.001/2013 of the Minister of Economy, which have not been suspended, may continue to conduct their activity for a period of 1 (one) year from the date of entry into force of this technical regulation; their right to conduct said activity will end on the date on which that period expires.

(2) In order to amend these agreements, the legal persons provided for in (1) shall request that ISCIR issue the authorisation in accordance with the provisions of this technical regulation; this will constitute a scheduled inspection.

(3) In order to issue the authorisation provided for in (2), the authorised legal person shall submit the updated documents referred to in Article 53 to ISCIR.

(4) In the event of failure to meet the requirements provided for in (2), agreements issued in accordance with the technical regulation provided for in Annex I to Order No 1.001/2013 of the Minister of Economy shall be revoked.

CHAPTER XIV

FINAL PROVISIONS

Article. 85 References made in this technical regulation to normative acts, technical regulations and standards refer to the editions in force.

Article. 86 (1) All documents submitted to ISCIR must be written in Romanian or translated into Romanian by an authorised translator.

(2) Copies of documents submitted to ISCIR must be marked ‘certified true to original’ and signed by the person designated as applicant.

Article. 87 The natural/legal person shall be entitled to perform the activity for which they are authorised only if they are in possession of the authorisation provided for in this technical regulation.

Article. 88 Authorised non-destructive testing operators who have been continuously inactive for more than six months in the method or specialisation for which they were authorised must sit a new authorisation examination in accordance with the requirements provided for in Articles 16–20.

Article. 89 The examination of non-destructive testing operators shall be conducted in Romanian.

Article. 90 Vocational training providers who obtained ISCIR accreditation prior to the date of entry into force of this technical regulation shall be entitled to organise the advanced training/specialisation programmes for which they obtained the accreditation, provided that the

course materials are updated in accordance with the detailed syllabuses provided for in this technical regulation.

Article. 91 (1) Duplicate authorisations/accreditations shall be issued by ISCIR in the following cases and under the following conditions:

a) in the event of loss, subject to the submission by the natural person holder/authorised/accredited legal person of a self-declaration to ISCIR;

b) in the event of theft, subject to the submission by the natural person holder/authorised/accredited legal person of a copy of the police complaint registration document to ISCIR;

c) in the event of damage, subject to the submission by the natural person holder/accredited legal person, of a copy of the damaged document or, in the event of total destruction, a self-declaration from the applicant, to ISCIR.

(2) In order to obtain a duplicate of the authorisation/accreditation, the authorised/accredited legal person shall submit the application for issuance of a duplicate to ISCIR in addition to the documents referred to in (1).

(3) In order to obtain a duplicate of the natural person's authorisation, the applicant shall submit the following to ISCIR in addition to the documents referred to in (1):

a) the application for issuance of the duplicate;

b) a copy of their identity document;

c) a colour digital photograph in jpg/jpeg format, not exceeding 1 MB in size, in the case of the authorisation.

(4) ISCIR shall examine the documents referred to in (2) and (3) and take a decision as to whether or not to issue the duplicate of the requested document within 30 days of submission of the documents.

Article. 92 The structures within ISCIR responsible for issuing authorisations shall be established and may be amended by order of the Chief State Inspector of ISCIR.

Article. 93 The deadlines for resolving applications submitted to ISCIR shall be those established under the legal provisions in force.

Article. 94 The specialist inspectors from ISCIR shall be entitled to carry out unscheduled checks on the way in which non-destructive testing operators approved by the owner/user carry out

their activities, taking, where appropriate, the necessary measures to comply with the legal provisions.

Article. 95 (1) In order to request derogations from the provisions of this technical regulation, the applicant shall submit the following to ISCIR:

- a) an application for derogation from the provisions of the technical regulation;
- b) documentary evidence, including a description of the situation;
- c) other documents in support of the application, as appropriate.

(2) On the basis of the documentation submitted, ISCIR shall accept or reject the application in writing, giving reasons.

Article. 96 An illustrative list of the standards used in this regulation may be found in Annex 24.

Article. 97 Annexes 1 to 24 form an integral part of this technical regulation.

to the Technical regulation

Non-destructive examination methods and specialisations

Item No	Non-destructive examination method	Symbol		Non-destructive examination specialisation
		for method	for specialisation	
1	Visual examination	VT ⁽¹⁾	-	Visual examination
2	Penetrating radiation examination	RT	RTx	X-ray examination
			RTy	Gamma radiation examination
3	Ultrasound examination	UT	UTg	Ultrasound thickness measurement
			UTt	Ultrasound examination of sheet metal
			UTs	Ultrasound examination of welded joints
			UTl	Ultrasound examination of rolled profiles
			UTf	Ultrasound examination of forged parts
			UTtv	Ultrasound examination of pipes
4	Magnetic particle examination	MT	-	Magnetic particle examination
5	Penetrant liquid examination	PT	-	Penetrant liquid examination
6	Eddy current examination	ET	-	Eddy current examination
7	Leak testing	LT	-	Leak testing
8	Magnetic inductive examination	MRT	-	Magnetic inductive examination of cables
9	Acoustic emission examination	AT	-	Acoustic emission examination

⁽¹⁾ Does not apply to the authorisation of legal persons.

to the Technical regulation

2.1 Template vocational training provider accreditation

LETTERHEAD OF ISCIR

Registration

No/.....

To

Address

Reg. No Trade Reg.:/...../.....

CUI (unique reg. code)

Tel./fax:.....

email.....

For the attention of

In response to your application No/..... registered with ISCIR under No/..... regarding the application for accreditation of the syllabus and course materials for the programme for the occupation/qualification of COR code/Qualifications nomenclature code, we hereby inform you of our favourable opinion.

The detailed syllabus complies with the provisions of PT CR 6-2025, Annex 3, Table No

This opinion shall be valid for 4 (four) years, in accordance with the legislation in force.

Chief State Inspector

.....

(surname and first name, signature and stamp)

2.2 Template document attesting to participation in the advanced training programme issued by the vocational training provider

Letterhead of accredited vocational training provider

CERTIFICATE

Mr/Ms ID No (CNP)..... participated, during the period, in an advanced training programme/training course organised in accordance with the provisions of technical regulation PT CR 6-2025, with a view to authorisation as, for the method/specialisation of, level

The advanced training programme was approved by ISCIR in communication No
Dated

Issued on (date)

Legal representative

Surname and first name, position,

.....

(signature and stamp)

to the Technical regulation

ISCIR module syllabus for the specialisation of Level 1 and Level 2 non-destructive testing operators

Table No 1: Visual examination

Item No	TRAINING	Time (hours)	
		Level 1	Level 2
1	Introduction: a) purpose of visual examination; b) fundamental principles of the method; c) lighting; d) advantages and disadvantages of the method.	3	2
2	Equipment for visual examination: a) devices and accessories; b) special optical systems.	3	2
3	Visual examination: a) types of discontinuities identified by the method; b) selection of equipment based on the examination conditions and the parts or materials to be examined; c) use of the equipment; d) conditions for observing the surfaces examined; e) preparation of products subject to examination.	5	4
4	Standards and norms in force relating to visual examination	6	4
5	General and specific workplace protection rules	2	1
6	Practical laboratory applications	6	4
TOTAL		25	17

Table No 2: Penetrating radiation examination

Item No	TRAINING	Time (hours)	
		Level 1	Level 2
1	Introduction: a) industrial radiography; b) the relationship between penetrating radiation and radiography; c) the electromagnetic spectrum; d) the penetration power and quality of X and gamma rays; e) the X-ray tube; f) sources of penetrating radiation.	2	4
2	Basic principles of radiography: a) principles of exposure geometry; b) radiographic screens; c) radiographic cassettes; d) composition of industrial radiographic films; e) interaction between penetrating radiation and matter (absorption, diffusion, ionisation).	4	8
3	Radiography: a) latent image formation on film; b) film unsharpness; c) calculation of exposure time; d) classes and types of radiographic films; e) selection of radiographic films according to purpose.	4	8
4	Quality of the radiographic image: a) radiographic sensitivity; b) radiographic contrast; c) film contrast; d) film grain size; e) effect of radiographic screens; f) quality indicators for radiographic images; g) geometric unsharpness; radiographic images; h) source-to-specimen distance.	4	8
5	Handling of films, loading cassettes, processing:	4	8

	a) the darkroom; b) checking the darkroom; c) manual processing of radiographic films; d) automatic processing of radiographic films; e) causes of unsatisfactory radiographs resulting from film processing; f) general rules for the handling and storage of radiographic films.		
6	Radiographic exposure techniques: a) exposure through a single wall; b) exposure through two walls; c) panoramic exposure; d) multiple-film exposure; e) selection of the number of exposures; f) location of quality indicators; g) selection of X-ray or gamma ray sources according to the intended purpose.	4	8
7	Causes of defects in materials: a) types of defects in welded joints; b) types of defects in forged, rolled and cast parts; c) orientation of discontinuities and limitations of the method.	2	4
8	Reading radiographic films: a) requirements relating to the light box and reading room; b) identification of radiographs; c) measurement of film optical density; d) presentation of various discontinuities in the radiographic image; e) provisions of the relevant standards and norms relating to the acceptance criteria for discontinuities in materials; f) examination report.	4	8
9	Radiation protection(*): a) radiation detection; b) biological effects of penetrating radiation; c) units of measurement; d) maximum permissible doses and dosimetric monitoring; e) access to exposure areas; f) storage and handling of radioactive sources and materials.	2	4

10	Fundamental principles of radiation protection(*): a) use of protective equipment; b) measures in the event of a nuclear accident; c) CNCAN legislation on radiation protection.	2	4
11	Standards and norms in force relating to penetrating radiation examination	3	5
12	General and specific workplace protection rules	2	4
13	Practical laboratory applications	4	8
TOTAL		41	81

(*) These chapters may be developed according to CNCAN recommendations.

Table No 3: Ultrasound examination

Item No	TRAINING	Time (hours)	
		Level 1	Level 2
1	Introduction: a) fundamental properties of sound; b) frequency; c) speed of propagation in different media; d) ultrasonic vibrations; e) applications of ultrasonic vibrations; f) wavelength.	6	8
2	Principles of propagation of ultrasonic waves: a) modes of vibration; b) acoustic impedance; c) reflection; d) refraction; e) diffraction, dispersion, attenuation; f) near field and far field.	6	8
3	Generation of ultrasonic waves: a) piezoelectricity and piezoelectric materials; b) schematic diagram of ultrasonic transducers; c) characteristics of ultrasonic transducers; d) relationship between frequency and the thickness of the piezoelectric material; e) characteristics of the ultrasonic beam.	6	8

4	Types of equipment for ultrasonic examination and recommendations for their use: a) description of the reflected impulse method; b) direct-reading equipment; c) A-scan display equipment; d) B-scan display equipment; e) automatic and semi-automatic ultrasonic examination systems; f) description of the time base circuit; g) description of the impulse generator and amplifier circuit; h) description of viewing modes by types of screens; i) examination apparatus with data recording.	6	8
5	Operation, checking, adjustment and calibration of non-destructive ultrasound examination apparatus and equipment: a) calibration standards, calibration blocks, reference blocks (use thereof); b) procedure for checking ultrasonic transducers; c) procedure for checking, standardising, calibrating and adjusting ultrasound non-destructive testing equipment.	6	8
6	Non-destructive testing methods using ultrasound: a) selection of ultrasonic transducers; b) selection of working parameters; c) selection of coupling media; d) normal-incidence/oblique contact examination; surface waves; Lamb waves; transmission testing; e) normal-incidence/oblique immersion examination; transmission testing; f) locating discontinuities; g) assessing the size of discontinuities; h) factors that influence ultrasound examination.	6	8
7	Causes of defects in materials: a) types of defects in welded joints; b) types of defects in forged, rolled and cast parts; pipes; c) orientation of discontinuities and limitations of the method.	6	8

8	Interpretation:	6	8
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	a) dimensions, geometric shape and location of the discontinuities in relation to the surface from which examination is performed; b) provisions of the relevant standards and norms relating to the acceptance criteria for discontinuities in materials; c) ultrasonic examination reports.		
9	Standards, rules in force relating to ultrasound examination	5	5
10	General and specific workplace protection rules	4	4
11	Practical laboratory applications	8	8
TOTAL		65	81

Table No 4: Penetrant liquid examination

Item No	TRAINING	Time (hours)	
		Level 1	Level 2
1	Introduction: a) purpose of penetrant liquid examination; b) fundamental principles of the method; c) existing types of penetrant liquids; d) advantages and disadvantages of the method.	3	2
2	Equipment for penetrant liquid examination: a) devices and accessories; b) natural and ultraviolet lighting; c) properties of various types of penetrant liquids.	3	2
3	Penetrant liquid examination: a) types of discontinuities identified by the method; b) selection of the types of penetrating liquids according to the examination conditions and the parts or materials to be examined; c) testing of penetrant liquids; d) conditions for observing the surfaces examined; e) preparation of the products under examination; f) method of application of the penetrant; g) removal of excess penetrant; h) method of application of the developer; i) examination and final washing.	3	2
4	Indications obtained from penetrant liquid examination:	3	2

	a) meanings of the indications; b) time of appearance of the indications and their persistence; c) factors influencing the appearance of the indications; d) false indications; e) provisions of industry standards and norms relating to the acceptance criteria for discontinuities in materials subject to penetrant liquid examination.		
5	Standards and norms in force relating to penetrant liquid examination	4	3
6	General and specific workplace protection rules	3	2
7	Practical laboratory applications	6	4
TOTAL		25	17

Table No 5: Magnetic particle examination

Item No	TRAINING	Time (hours)	
		Level 1	Level 2
1	Introduction: a) purpose of magnetic particle testing; b) fundamental principles of the method; c) materials affected by the magnetic field; d) theory of magnetism; magnetic poles; e) existing types of magnetic particles; f) advantages and disadvantages of the method.	2	1
2	Properties of magnetic fields: a) bar magnets; b) ring magnets.	2	1
3	Electromagnetisation: a) circular field; the field created by a linear conductor; the right-hand rule; techniques suited to the various geometric shapes of the parts examined; b) longitudinal field; the field created by a coil; field direction and intensity in a coil; discontinuities detected using the longitudinal field.	3	2

4	Equipment for magnetic particle examination: a) considerations regarding the selection of equipment; b) types of magnetisation currents; c) manual examination equipment; d) fixed, automatic and semi-automatic equipment; e) devices and accessories; f) inspection of magnetisation equipment.	3	2
5	Magnetic particle examination: a) types of discontinuities identified by the method; b) selection of the types of magnetic particles according to the examination conditions and the parts or materials to be examined; c) conditions for observing the surfaces examined (natural or ultraviolet light); d) preparation of the products under examination; e) order of operations; f) magnetic flux density value; g) remanent magnetism; h) purpose of demagnetisation; i) demagnetisation techniques.	3	2
6	Indications obtained from magnetic particle examination: a) meanings of the indications; b) factors influencing the appearance of the indications; c) false indications; d) provisions of industry standards and norms relating to the acceptance criteria for discontinuities in materials subject to magnetic particle examination.	3	2
7	Standards and norms in force relating to magnetic particle examination	3	3
8	General and specific workplace protection rules	2	2
9	Practical laboratory applications	4	2
TOTAL		25	17

Table No 6: Eddy current examination

Item No	TRAINING	Time (hours)	
		Level 1	Level 2
1	Introduction: a) basic principles of eddy current testing; b) advantages and disadvantages of the method.	4	4
2	theory of eddy currents: a) eddy current generation; b) effect of fields created by eddy currents; c) properties of eddy currents.	4	4
3	Types of coils: a) outer coils (single, double), inner coils, surface coils; b) advantages and limitations of the various types of coils; c) factors influencing selection of the type of coil (nature and shape of the product examined); d) factors influencing the impedance of the coil (conductivity, permeability, homogeneity of the product examined); e) fill factor.	5	5
4	Apparatus: a) fixed- or adjustable-frequency generators; b) measuring and balancing bridges; c) amplifiers; d) phase discriminators; e) coil-to-product distance compensation circuits; f) frequency filters; g) selection of examination and transducer frequency; h) signal to noise ratio; i) methods for improving the signal-to-noise ratio; j) response time; k) the skin effect; l) inductive and resistive components.	6	6

5	Examination: a) types of discontinuities and the possibility of localising them; b) optimum examination speed; c) examination of semi-finished products (bars, tubes, wires) and determination of thickness.	6	10
6	Standards and norms in force relating to the examination method	6	6
7	General and specific workplace protection rules	4	4
8	Practical laboratory applications	6	10
TOTAL		41	49

Table No 7: Leak testing

Item No	TRAINING	Time (hours)	
		Level 1	Level 2
1	Introduction: a) basic principles of the method; b) advantages and disadvantages of the method.	5	8
2	Theory of leak testing tests: a) terminology; b) physical units in leak testing; c) physical principles in leak testing; d) properties of fluids; e) flow characteristics; f) vacuum basics; g) gas laws and properties.	5	8
3	Techniques for leak testing: a) the bubble technique; b) the ultrasonic technique; c) the pressure technique; d) the tracer gas technique; e) the mass spectrometry technique; f) sensitivity of the various techniques.	8	10

4	Systems and equipment according to the technique applied: a) schematic diagram and use; b) accuracy and precision; c) equipment calibration.	6	10
5	Acceptance/rejection criteria	2	8
6	Standards and norms in force relating to leak testing	3	9
7	General and specific workplace protection rules according to the examination technique	2	8
8	Practical laboratory applications	10	12
TOTAL		41	73

Table No 8: Magnetic inductive examination

Item No	TRAINING	Time (hours)	
		Level 1	Level 2
1	Introduction: a) purpose of examination using the magnetic inductive method; b) fundamental principles of the method; c) materials affected by the magnetic field; d) theory of magnetism; e) steel wire cables; classification, identification and method of manufacture; f) advantages and disadvantages of the method.	3	2
2	Magnetisation: a) magnetisation techniques suitable for the various types of cables; b) the longitudinal magnetic field.	3	2
3	Demagnetization a) the importance of demagnetisation in magnetic inductive examination; b) demagnetisation methods; c) apparatus for measuring remanent magnetism.	3	2
4	Equipment and accessories for magnetic inductive examination	3	2
5	Standards and norms in force relating to magnetic inductive examination	4	3
6	General and specific workplace protection rules	3	2
7	Practical laboratory applications	6	4
TOTAL		25	17

Table No 9: Acoustic emission examination

Item No	TRAINING	Time (hours)	
		Level 1	Level 2
1	Introduction: a) purpose of acoustic emission testing; b) fundamental principles of the method; c) characteristics of acoustic emission; d) advantages and disadvantages of the method.	4	8
2	Acoustic emission sources: a) Load-induced acoustic emission sources in metals; b) Load-induced acoustic emission sources in composite materials; c) acoustic emission in other materials; d) crack growth mechanisms in ductile and fragile materials. stable and unstable propagation of cracks; e) fatigue-loading of materials; f) cracks generated by surface wear; g) dislocations and plastic deformation; h) sources associated with fluid loss; i) sources associated with corrosion phenomena; j) characteristics of acoustic emission signals in different materials; k) classification of sound emission sources: critical–active, active, minor.	4	7
3	Where elastic elements are associated with acoustic emission: a) types of elastic waves: longitudinal, transverse, surface waves, guided waves; parameters and characteristics; b) propagation of elastic waves; wave attenuation and frequency dependence; phase velocity, group velocity and wave dispersion; reflection, refraction, mode conversion; influence of fluids; c) effects of geometrical optics and diffraction effects in wave propagation.	4	6

4	Localisation of acoustic emission sources: a) linear localisation based on time-of-arrival; b) planar localisation based on time-of-arrival; c) zonal localisation; d) localisation in thin-walled and thick-walled structures; e) localisation error; f) 'guard' sensors; g) localisation of continuous emission sources.	4	6
5	Acoustic emission testing equipment: a) sensors: physical principle, structural design, frequency response, broadband sensors, resonance sensors; b) electronic system (hardware): block diagram and main characteristics; single-channel and multi-channel systems; c) software system; signal acquisition programmes, event location programmes, acoustic emission source characterisation programmes, expert programmes for identifying the nature of the sources; d) differential and common mode sensors and preamplifiers, connectors, cables; e) characterisation of the acoustic coupling; f) calibration of acoustic emission examination systems; self-calibration systems (Pulsing Table); g) temperature effect; wave guides; h) artificial sources simulating acoustic emission; Hsu-Nielsen-type source; i) verification and calibration of acoustic emission sensors.	4	8
6	Processing of acoustic emission signals: a) sources of acoustic, mechanical and electrical noise; b) signal filter; c) parameters of acoustic emission signal processing systems: amplification in decibels (dB), threshold, spectral range – optimal filter settings, analogue-to-digital conversion rate, acquisition rate; d) saturation of the acoustic emission signal; e) the effect of cable length; f) characterisation of acoustic emission signals: amplitude, energy, spectral content (Fast Fourier Transform – FFT);	4	8

	g) recording of transient acoustic emission signals; h) external parameters for characterisation of the stimulus/load applied during the acoustic emission test.		
7	Configuration of the acoustic emission equipment and the steps involved in performing a specific examination: a) sensor placement; b) identification of sources of noise; determination of the thresholds; c) preliminary speed and attenuation measurements; d) self-calibration of the system ('Pulsing Table'); e) localisation and characterisation of events generated by simulated sources (e.g. Hsu-Nielsen-type sources); f) determination of the loading mode for the structure/equipment examined; monitoring of external parameters; g) characteristics monitored and displayed during the test; h) processing of acquired data; i) checking the localisation of the sources identified; j) characterisation and classification of the sources identified; k) confirmation of the sources/indications identified by complementary non-destructive examinations according to the degree of severity.	4	6
8	Assessment of the results and write-up of the examination report: a) time-dependent characteristics of the examination; b) characteristics dependent on load/external parameters; c) identification and characterisation of the sources localised; d) classification according to the severity/criticality of the sources; e) identification of the nature of the sources; f) indication assessment criteria; g) documentation of the results and preparation of the acoustic emission report;	4	3
9	Standards and norms in force relating to acoustic emission examination	3	4
10	General and specific rules on health and safety in the workplace	2	3
11	Practical laboratory applications	4	6
TOTAL		41	65

NOTE: direct access to Level 2 authorisation is subject to accumulation of the hours specified for Levels 1 and 2.

to the Technical regulation

Activities, competences and responsibilities for non-destructive testing operators

Item No	Authorisation level	Activities, competences and responsibilities
1	Level 1	a) commission and calibrate the non-destructive examination equipment for which they are authorised; b) have theoretical and practical knowledge of the method for which they are authorised; c) perform non-destructive examinations in accordance with working procedures and record the results obtained; d) know and apply the provisions of the quality management manual of the laboratory at which they work; e) know and apply the employment protection rules specific to the method for which they are authorised; f) are not entitled to issue documents relating to interpretation of the results obtained from non-destructive examinations.
2	Level 2	a) interpret the results of non-destructive examinations in accordance with the provisions of the working procedures and sign the non-destructive examination reports issued; b) know the limitations of the method for which they are authorised; c) organise non-destructive examination activity within the laboratory; d) guide, supervise and monitor the work of subordinate personnel, personnel undergoing training and certification and Level 1 authorised non-destructive testing operators; e) write up working procedures for the method and specialisation for which they are authorised.

3	Level 3	a) select, establish and recommend appropriate non-destructive examination methods and procedures; b) develop, analyse and endorse non-destructive examination procedures and instructions for the methods for which they are authorised; c) evaluate, endorse and compare the results of non-destructive examinations and take decisions on improving activity in the field of those examinations; d) have knowledge of the manufacture and technology of products; e) know non-destructive examination methods additional to the method for which they are authorised; f) guide, supervise and monitor the work of Level 1 and 2 non-destructive testing operators, as well as that of personnel undergoing training and certification.
---	---------	---

**Minimum knowledge requirements for personnel applying for the examination for Level 3
authorisation**

5.1 Penetrating radiation examination

1	The subject matter for Levels 1 and 2 in Annex 3, with a focus on the following subjects: a) elements and principles of non-destructive examinations using penetrating radiation; b) theoretical and practical knowledge permitting determination of the most appropriate examination technique using penetrating radiation; c) general skills in interpreting and comparing various codes, standards, technical requirements and specifications relating to examination using penetrating radiation.
2	General knowledge of at least two methods other than that for which authorisation is sought
3	General knowledge of the possibilities and limits of other non-destructive examination methods
4	Fundamental principles of product construction and technology
5	Processing of raw materials
6	Metallurgical processes; basic metal products; production of semi-finished products and ingots
7	Casting procedure
8	General knowledge of heat treatments
9	Welding of materials
10	Plating
11	Physico-mechanical properties of materials
12	Cold and hot plastic deformation processes
13	Surface finishing and corrosion protection

5.2 Ultrasound, penetrant liquid, magnetic particle and eddy current examination; visual examination, magnetic inductive examination and acoustic emission examination

The subject matter is the same as for examination using penetrating radiation, except that in (1) the phrase '*penetrating radiation*' is replaced by the phrase '*ultrasound*', '*penetrant liquid*', '*magnetic particle*', '*eddy currents*', '*visual*', '*magnetic inductive*' or '*acoustic emission*'

5.3 Leak testing

The subject matter is the same as for examination using penetrating radiation, except that in (1)(a), the phrase '*non-destructive examination using penetrating radiation*' is replaced by the phrase '*leak testing*'.

ANNEX 6
to the Technical regulation

Period of industrial experience

VT		RT		UT		PT	
Level 1	Level 2	Level 1	Level 2	Level 1	Level 2	Level 1	Level 2
0.5 month	1.5 months	1.5 months	4.5 months	1.5 months	4.5 months	0.5 month	1.5 months
MT		ET		LT		MRT	
Level 1	Level 2	Level 1	Level 2	Level 1	Level 2	Level 1	Level 2
0.5 month	1.5 months	1.5 months	4.5 months	1.5 months	4.5 months	0.5 month	1.5 months
AT							
Level 1	Level 2						
1.5 months	4.5 months						

NOTE: The minimum period of industrial experience required for each method, for non-destructive testing operators seeking direct authorisation at Level 2, is obtained by combining the industrial experience required for Level 1 with the practical training period for Level 2; for the UT_(g) specialisation, a 50 % reduction in the minimum period of industrial experience is permitted.

to the Technical regulation

Industrial experience for Level 3

Industrial experience as a Level 2 non-destructive testing operator	Form of education graduated
24 months	graduates of a technical higher education programme holding a bachelor's degree or diploma in the following fields: mechanical or electromechanical engineering, transport, industrial machinery, robotics, electrical engineering, electronics, energy, automation, construction, metallurgy, engineering physics, industrial chemistry, plant engineering, oil and gas, or other related technical fields accepted by ISCIR
48 months	graduates of a Level 5 vocational training programme or equivalent, or of a secondary education programme leading to a baccalaureate qualification and a vocational qualification of at least Level 4 or equivalent in a technological field: mechanics, electromechanics, transport, industrial machinery, robotics, electrical engineering, electronics, energy, automation, construction, metallurgy, applied physics, industrial chemistry, plant engineering, oil and gas, or other related technical fields accepted by ISCIR
96 months	high school or vocational school

ANNEX 8
to the Technical regulation

**Technical assessment report for authorisation/renewal
validity of the non-destructive testing operator authorisation**

(name of accredited personal certification body)

(certification number)

(address and contact details/telephone/email)

(unique registration code/order number in the Trade Register)

ASSESSMENT REPORT _____/Date_____

Item No	Surname and first name	Personal ID No (CNP)	Certificate or authorisation No/series	Present and correct (YES/NO/NOT APPLICABLE)			The authorisation is issued for			Obs.
				Document regarding equivalence between industrial sectors and method/specialisation according to PT CR 6-2025	Document regarding the industrial experience period	Licence to operate in the nuclear sector (as applicable)	Method/ Specialisation	Level	Authorisation valid until	

A copy of the above applicants' documents shall be held with the accredited personal certification body.

The legal representative of the accredited personal certification body,

(Position, surname and first name, signature and stamp)

The person designated to perform the assessment,

(Surname and first name, signature)

to the Technical regulation

Letterhead of legal person

INDUSTRIAL EXPERIENCE CERTIFICATE

No/ date

Mr/Ms Personal ID No (CNP) employed at
completed their period of industrial experience at our non-destructive examination
laboratory (laboratory address) working with the following methods and specialisations
of non-destructive examinations using the following measuring
instruments (types of measuring instruments, accessories and materials used for
each method and specialisation).

The period of industrial experience ran from (date) to (date), totalling
(months).

Legal representative of the legal person/
laboratory

Representative of accredited laboratory

.....
(Surname and first name,
signature and stamp)

Head of non-destructive examinations

.....
(Surname and first name,
signature and stamp)

Note: If the period of industrial experience has been worked using the VT method, the certificate shall be issued by an ISCIR-authorised Level 2 or Level 3 non-destructive testing operator for this method.

ANNEX 10
to the Technical regulation

Minimum compulsory requirements for measuring instruments and accessories

10.1 For natural persons applying for authorisation to use the VT method

Item No	Equipment	Observations
1.	welding calipers, tape measure	calibration every two years
2.	graduated magnifying glass with light source and 5X magnification	calibration every two years

10.2 For non-destructive examinations laboratories

RT LABORATORY		
Item No	Equipment	Observations
1.	x-ray installation	depending on the specialisation applied for
2.	light box	calibration every two years
3.	densitometer	metrological verification once a year
4.	density scale	
5.	thermometer	recommended (0–50)° C
6.	developing installation	
7.	image quality indicators	according to the legislation in force
8.	lead letters and numbers	
UT(g) LABORATORY		

Item No	Equipment	Observations
1.	ultrasound thickness measurement gauge/A-scan display defectoscope	calibration every two years or internal verification ⁽¹⁾
2.	A3 calibration block	calibration every five years or internal verification ⁽¹⁾
3.	ultrasonic transducer	minimum one transducer 0°/Ø 12 mm/4.0–5.0 MHz
4.	contact thermometer	recommended (-10–100)° C
UT LABORATORY		
Item No	Equipment	Observations
1.	ultrasonic defectoscope minimum A-scan display	calibration every two years or internal verification ⁽¹⁾
2.	A1, A2 calibration block	calibration every five years or internal verification ⁽¹⁾
3.	ultrasonic transducers	one set 30, 45, 70°/2.0–2.25 MHz one set 30, 45, 70°/4.0–5.0 MHz one set 0°/2.0–2.25 MHz/Ø 12 mm and Ø 24 mm one set of 0°/4.0–5.0 MHz/Ø 12 mm and Ø 24 mm
4.	contact thermometer	recommended (-10–100)° C
5.	reference blocks	according to the legislation in force

⁽¹⁾ Internal verification shall be performed in accordance with the laboratory's internal verification procedures, approved by an ISCIR Level 3 authorised non-destructive testing operator.

PT LABORATORY		
Item No	Equipment	Observations
1.	comparison/sensitivity block	
2.	lux meter	metrological verification once a year
3.	UV meter	only for fluorescence metrological verification once a year
4.	UV lamp	only for fluorescence internal verification
5.	contact thermometer	recommended (-10–100)° C
MT LABORATORY		
Item No	Equipment	Observations
1.	AC magnetisation system/magnetic yoke	internal verification
2.	sensitivity block	
3.	lux meter	metrological verification once a year
4.	UV meter	only for fluorescence metrological verification once a year
5.	UV lamp	only for fluorescence internal verification
6.	contact thermometer	recommended (-10–100)° C

7.	block for determination of sensitivity	
8.	standard mass 4.5 kg	calibration every 10 years or internal verification
ET LABORATORY		
Item No	Equipment	Observations
1.	eddy current defectoscope	calibration every two years or internal verification
2.	eddy current probes	
3.	reference sample blocks	
4.	contact thermometer	recommended (-10–100)° C
5.	probe-feed devices	
LT LABORATORY		
Item No	Equipment	Observations
1.	the compulsory minimum equipment is determined according to the application	
MRT LABORATORY		
Item No	Equipment	Observations
1.	apparatus for electromagnetic (magnetic inductive) examination with digital recording	internal or manufacturer verification
2.	magnetisation assembly enabling loss of cross-section to be detected in metal	
3.	device for measuring residual magnetic field	calibration every four years
4.	reference cables	according to the legislation in force

AT LABORATORY		
Item No	Equipment	Observations
1.	acoustic emission system, minimum eight channels and minimum two inputs for external parameters	calibration every two years
2.	acoustic emission sensors (50 kHz–500 kHz) and cables	
3.	self-calibration system	
4.	data acquisition, processing and localisation indication software	
5.	mounting systems for acoustic emission sensors	
6.	contact thermometer with a surface probe or infrared thermometer	calibration every two years

ANNEX 11
to the Technical regulation

Examination report of the non-destructive testing operator

	Examination report No of with the results obtained in the authorisation exam for non-destructive testing operator for the following candidates	ISCIR Address..... Telephone..... Fax.....
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Item No	Surname and first name	Personal ID No (CNP)	Results obtained		Average result or technical assessment report No	Passed/Failed	The authorisation is issued for		Authorisation No	Authorisation valid until
			theoretical examination	practical examination			Method/ Specialisation	Level		

For the authorisation examination procedure for non-destructive testing operator, a tariff of RON shall be payable in accordance with the 'Tariff schedule' Annex point, by from the municipality, str.

No county/sector to the account held at the Bank/Treasury branch

Specialist inspector from ISCIR

Legal representative of the legal person/natural person⁽¹⁾

.....

.....

(Surname and first name, signature and stamp)

((Surname and first name, signature and stamp))

(¹)In the case of examination for the VT method, the natural person must be specified.

Template authorisation for non-destructive testing operators

Authorisation

Endorsement card attached to the authorisation

(Recto)

 AUTORIZAȚIE AUTHORISATION Eliberată în conformitate cu Prescripția Tehnică ISCIR Issued according with ISCIR Technical Requirements PT CR 6-2025				
Loc foto	Autorizație nr./Authorisation no. Persoana juridică/Company: ÎNREGISTRARE/Reg. Number: CUI, J NUME/Name: PRENUME/Surname: CNP/SSN: EMIS DE/Issued by: Semnătura Emitent/ Issuer Signature			
	EMIS/ ISSUED: ZZ LL AAAA			
VALABIL/ VALID UNTIL : ZZ LL AAAA T.S.				
În baza rezultatelor examenului de autorizare consemnate în procesul-verbal din data de se autorizează posesorul prezentei autorizații să execute examinări nedistructive la instalațiile mecanice sub presiune și instalațiile de ridicat pentru: Based on results mentioned in the examination report No. dated the holder of this card is authorized to perform non destructive testings to the installations under ISCIR regulations on the followings methods and specialties NIVEL/LEVEL METODA/METHOD SPECIALITATE/SPECIALTY				
Aceasta autorizație atestă faptul că titularul este autorizat pentru metodele, nivelul și specialitățile specificate mai sus./This authorisation certify that the holder is authorised for methods, level and specialties listed above. Standard de referință AUTORIZARE ÎNȚIALĂ/ INITIAL AUTHORISATION:				

(Verso)

Talon anexa la autorizația de examinări nedistructive nr. Appendix to nondestructive testing authorisation no.		
Proces verbal nr./data Examination report no./date	Metoda/ Nivel/ Specialitate Valabilitate pana la Method/ Level/ Specialty	Semnătura/ Stampila Signature/ Stamp
	Reautorizare Reauthorisation	
	Extindere Extension	
	Reautorizare Reauthorisation	
	Extindere Extension	
	Reautorizare Reauthorisation	
	Extindere Extension	
	Reautorizare Reauthorisation	
	Extindere Extension	
	Reautorizare Reauthorisation	
	Extindere Extension	
	Reautorizare Reauthorisation	
	Extindere Extension	

to the Technical regulation

Application for authorisation of legal entities performing non-destructive examinations

Applicant registration No/date:

ISCIR registration No/date:

APPLICATION**1. APPLICANT**

Name of legal person:	CUI (unique reg. code) Reg. No Trade Reg.: IBAN..... Bank.....
Contact person: (surname and first name, position)	Tel..... Fax..... email.....
Full address of legal person:	Telephone..... Fax:..... email:.....
Full address of the subdivision (laboratory) at which the activity subject to authorisation is carried out (if applicable)	Telephone..... Fax:..... email:.....

2. AREA OF ACTIVITY

NACE code ⁽¹⁾ :	Specify the methods and specialisations of non-destructive examinations for which authorisation is sought
----------------------------------	---

⁽¹⁾ Enter the NACE code corresponding to the activity for which authorisation is sought.**3. SPECIALIST TECHNICAL PERSONNEL – RTEND**

Surname and first name	Certificate No
---------------------------------	-------------------------

The application concerns the renewal of authorisation(s) No(s):

We consent to electronic processing of the data contained in the authorisation.

Legal representative of the legal person

Surname and first name, position

.....

(signature and stamp)

to the Technical regulation

LETTERHEAD OF THE LEGAL PERSON

DECISION NO

of

Legal person⁽¹⁾ represented by in the capacity of legal representative, having regard to the legislation in force regarding the safe use and operation of pressure installations, lifting installations and fuel-consuming appliances, with a view to applying the measures provided for in Technical regulation PT CR 6-2025.

HAS DECIDED AS FOLLOWS:

1. Mr/Ms , who is in a contractual relationship with
⁽¹⁾ in accordance with current labour legislation, specialising in
, holding the position of and
 certificate No effective as of is
 designated⁽²⁾..... for the activity of
⁽³⁾..... within the unit, subdivision
⁽⁴⁾, to be named in the authorisation.
2. The manager⁽²⁾
 is required to be familiar with and comply with the provisions of the legislation in force and the technical regulations; their duties and responsibilities shall be those set out in the applicable technical regulations.
3. The activity of the manager will be coordinated and supervised on behalf of the senior management by⁽⁵⁾ who, together with the manager, shall be responsible for taking measures to apply the legislation in force and the applicable technical regulations.
4. Failure to meet the obligations laid down in the applicable technical regulations shall, where appropriate, give rise to disciplinary, material, civil or criminal liability of those responsible.

Legal representative of the legal person

Surname and first name, position,

.....

(signature and stamp)

⁽¹⁾ Name of the legal person.⁽²⁾ RTEND/RTED/Head of Laboratory/Deputy Head of Laboratory⁽³⁾ Non-destructive examinations/Destructive tests.⁽⁴⁾ Specify subdivision, if applicable.⁽⁵⁾ The position, surname and first name of the designated person within the legal entity (if the holder is the director of the legal entity, leave this field blank).

to the Technical regulation

Technical inspection report for the authorisation of legal persons performing non-destructive examinations

	Technical inspection report No	ISCIR..... Address..... Telephone..... Fax.....
---	--	--

1. Legal person: _____
 Address: _____
 Laboratory address: _____
 Tel.: _____ email: _____ Trade Reg.: _____ CUI (unique reg. code): _____
 Bank account: _____ Held at: _____
2. Application _____ of the legal person and the documentation submitted: _____

3. Specialist inspector from ISCIR: _____

 Pursuant to Law 64/2008, as subsequently amended and supplemented, Government Decision 1.340/2001, as subsequently amended and supplemented, and the ISCIR technical regulations in the field, carried out technical inspections with a view to authorising the non-destructive examinations laboratory belonging to:
 _____ for the _____
 _____ methods/specialisations: _____
4. Equipment list: _____
 Observations: _____
 - Corresponds*/does not correspond* to the information in the documentation submitted to ISCIR.

5. The equipment: _____
 Observations: _____
 - is owned by the legal person*/are rented or leased*.

6. The laboratory: _____
 Observations: _____
 - owns*/does not own* the space necessary to carry out the activity (is its property*/is rented or leased*).

7. The laboratory: _____
 Observations: _____
 - has*/does not have* the minimum equipment necessary to carry out the activities in compliance with the applicable ISCIR technical regulations.

8. The RTEND: _____
 - surname and first name/certificate number: _____

 knows*/does not know* the provisions of the procedures, working instructions and provisions of the applicable ISCIR technical regulations.

(continued)

	Technical inspection report No	ISCIR..... Address..... Telephone..... Fax.....
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Observations:

9. The laboratory personnel:
- apply*/do not apply* the provisions of the laboratory's non-destructive examination procedures;
 - are familiar with and apply*/are not familiar with and do not apply* the provisions of the laboratory's non-destructive examination procedures.
10. Provisions:
11. Conclusions:
- in view of the above, we propose authorisation of the laboratory for the following methods/specialisations:
 - in view of the above, we propose rejecting authorisation of the laboratory for the following methods/specialisations:
12. For this verification, the sum of _____ RON shall be payable in accordance with _____ Annex ____ point_____ by _____ from the municipality of _____ str. _____ No ____ county/sector _____ to the account _____ held at the Bank/Treasury _____, branch _____

I declare that I am aware of the above

Proxy

ISCIR

Legal representative

legal person/applicant

to the Technical regulation

LETTERHEAD OF ISCIR

No/.....⁽¹⁾Security
stamp**AUTHORISATION**

Pursuant to Law No 64/2008 on the safe operation of pressure installations,
lifting installations and fuel-consuming appliances,
republished, as subsequently amended and supplemented, the provisions of technical regulation
PT CR 6-2025, approved by Order No of the Minister for Economy, Digitalisation,
Entrepreneurship and Tourism and by Report No of (date)

1. Legal person:

Name.....
Address of registered office:
Reg. No Trade Reg.:/...../.....
CUI (unique reg. code):
Tel./fax/email:

Subdivision (laboratory) undertaking the authorised activity(*):

Name.....
Address:
Reg. No Trade Reg.:/...../..... *)
Tel./fax/email:

2. Scope of authorisation:**3. RTEND specialist technical personnel:**

4. Remarks: Any change that results in non-compliance with the requirements on the basis of which the authorisation was granted, or any change to the details set out in the authorisation must be notified to ISCIR by the authorised legal person within a maximum of 15 days of the non-compliance arising or the authorisation will be deemed suspended.

The legal person, through its legal representatives together with the personnel named in the authorisation, shall be responsible for ensuring compliance with the legal provisions in the field.

Chief State Inspector

.....

(surname and first name, signature and stamp)

⁽¹⁾ Authorisation code according to the ISCIR internal regulations and date of issue.

(*) To be completed if applicable.

The authorisation is issued on yellow A4 paper.

to the Technical regulation

Report drawn up by the Specialist inspector from ISCIR

	Technical inspection report No	ISCIR Address.....¹⁾ Telephone..... Fax.....
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Signed today on the occasion of on the basis of the provisions⁽²⁾ and the applicable technical regulations⁽³⁾ to type with serial number/year and installation book No with the following parameters at the last inspection

Owner/Applicant from the municipality str. No county/sector Tel./fax/email: CUI (unique reg. code)/J.....legal representative.....

The inspection was conducted atin the municipality of str. No county/sector Tel./fax/email:

I, the undersigned⁽⁴⁾ found the following:

I have issued the following provisions:

Once this inspection has been approved

The due date for the next inspection shall be set at

For this inspection, the amount of RON shall be payable in accordance with Annex point....., by from the municipality of str. No county/sector to account held at the Bank/Treasury branch

I declare that I am aware of the above

Proxy
ISCIR

.....
.....

Legal representative
legal person/applicant

.....
.....

⁽¹⁾ Specify: ISCIR or the ISCIR Regional Inspectorate.

⁽²⁾ Specify the normative act in force at the time of writing up the report (Law No 64/2008 on the safe operation of pressure installations, lifting installations and fuel-consuming appliances), which was the basis for the technical inspection.

⁽³⁾ Specify the applicable technical regulation that was the basis for the technical inspection.

⁽⁴⁾ Position, surname and first name.

to the Technical Regulation

LETTERHEAD OF ISCIR

No/.....⁽¹⁾Security
stamp**UPDATE TO AUTHORISATION NO.....**

Pursuant to Law No 64/2008 on the safe operation of pressure installations,
lifting installations and fuel-consuming appliances,
republished, as subsequently amended and supplemented, the provisions of technical regulation
PT CR 6-2025, approved by Order No of the Minister for Economy, Digitalisation,
Entrepreneurship and Tourism and by Report No of (date)

1. Legal person:

Name.....
Address of registered office:
Reg. No Trade Reg.:
CUI (unique reg. code):
Tel./fax/email:

Subdivision (laboratory) undertaking the authorised activity(*):

Name.....
Address:
Reg. No Trade Reg.: *)
Tel./fax/email:

2. Scope of authorisation:**3. RTEND specialist technical personnel:**

4. Remarks: Any change that results in non-compliance with the requirements on the basis of which the update to the authorisation was granted, or any change to the details set out in the update to the authorisation must be notified to ISCIR by the authorised legal person within a maximum of 15 days of the non-compliance arising or the authorisation shall be deemed suspended.

The legal person, through its legal representatives together with the personnel named in the authorisation, shall be responsible for ensuring compliance with the legal provisions in the field.

Chief State Inspector

.....

(surname and first name, signature and stamp)

⁽¹⁾ Authorisation update code according to the ISCIR internal regulations and date of issue.

(*) To be completed if applicable.

The update to the authorisation shall be issued on yellow A4 paper.

ANNEX 19
to the Technical regulation

Areas of destructive testing

Item No	Areas of testing/examination	Symbol
1	Mechanical tests	IM
2	Technological tests	IT
3	Chemical analyses	AC
4	Metallographic analyses	AM
5	Strain measurements under applied loading (strain-gauge measurements)	ME

to the Technical regulation

Application for authorisation of the legal entities performing destructive testing

Applicant registration No/date:

ISCIR registration No/date:

APPLICATION**1. APPLICANT**

Name of legal person:	CUI (unique reg. code) Reg. No Trade Reg.: IBAN..... Bank.....
Contact person: (surname and first name, position)	Tel..... Fax..... email.....
Full address of legal person:	Telephone..... Fax:..... email:.....
Full address of the subdivision (laboratory) at which the activity subject to authorisation is carried out (if applicable)	Telephone..... Fax:..... email:.....

2. AREA OF ACTIVITY

NACE code ⁽¹⁾ :	Specify the areas of destructive testing for which authorisation is sought
----------------------------------	--

⁽¹⁾ Enter the NACE code corresponding to the activity for which authorisation is sought.**3. SPECIALIST TECHNICAL PERSONNEL – RTED**

Surname and first name	Certificate No
---------------------------------	-------------------------

The application concerns the renewal of authorisation(s) No(s):

We consent to electronic processing of the data contained in the authorisation.

Legal representative of the legal person

Surname and first name, position

.....

(signature and stamp)

to the Technical regulation

Letterhead of legal person

INDUSTRIAL EXPERIENCE CERTIFICATE

No/date

Mr/Ms personal ID (CNP) No, employed at ,
undertook a work placement at our destructive testing laboratory (laboratory address)
for the following areas of testing/examination using the following measuring
instruments (types of measuring instruments, accessories and materials used
for each area of testing/examination).

The period of industrial experience ran from (date) to (date), totalling
(months).

Legal representative of the legal person

RTED

.....

.....

(Surname and first name,

(Surname and first name,

signature and stamp)

signature and stamp)

to the Technical regulation

LETTERHEAD OF ISCIR

No...../.....1)

Security
stamp

AUTHORISATION

Pursuant to Law No 64/2008 on the safe operation of pressure installations,
lifting installations and fuel-consuming appliances,
republished, as subsequently amended and supplemented, the provisions of technical regulation
PT CR 6-2025, approved by Order No of the Minister for Economy, Digitalisation,
Entrepreneurship and Tourism and by Report No of (date)

1. Legal person:

Name.....

Address of registered office:

Reg. No Trade Reg.:

CUI (unique reg. code):

Tel./fax/email:

Subdivision (laboratory) undertaking the authorised activity^(*):

Name.....

Address:

Reg. No Trade Reg.: *)

Tel./fax/email:

2. Scope of authorisation:

3. Technical manager for destructive testing (RTED):

4. Remarks: Any change that results in non-compliance with the requirements on the basis of which the authorisation was granted, or any change to the details set out in the authorisation must be notified to ISCIR by the authorised legal person within a maximum of 15 days of the non-compliance arising or the authorisation shall be deemed suspended.

The legal person, through its legal representatives together with the personnel named in the authorisation, shall be responsible for ensuring compliance with the legal provisions in the field.

Chief State Inspector

.....

(surname and first name, signature and stamp)

⁽¹⁾ Authorisation code according to the ISCIR internal regulations and date of issue.

^(*) To be completed if applicable.

The authorisation is issued on yellow A4 paper.

to the Technical regulation

LETTERHEAD OF ISCIR

No...../.....1)

Security
stamp

UPDATE TO AUTHORISATION NO.....

Pursuant to Law No 64/2008 on the safe operation of pressure installations,
lifting installations and fuel-consuming appliances,
republished, as subsequently amended and supplemented, the provisions of technical regulation
PT CR 6-2025, approved by Order No of the Minister for Economy, Digitalisation,
Entrepreneurship and Tourism and by Report No of (date)

1. Legal person:

Name.....

Address of registered office:

Reg. No Trade Reg.:

CUI (unique reg. code):

Tel./fax/email:

Subdivision (laboratory) undertaking the authorised activity(*):

Name.....

Address:

Reg. No Trade Reg.: *)

Tel./fax/email:

2. Scope of authorisation:

3. Technical manager for destructive testing (RTED):

4. **Remarks:** any change that results in non-compliance with the requirements on the basis of which
the update to the authorisation was issued, or any change to the details contained in the update to
the authorisation, must be notified to ISCIR by the authorised legal person within 15 days of the
date on which the change occurred or the authorisation shall be deemed suspended.

The legal person, through its legal representatives together with the personnel named in the
authorisation, shall be responsible for ensuring compliance with the legal provisions in the field.

Chief State Inspector

.....

(surname and first name, signature and stamp)

(¹) Authorisation update code according to the ISCIR internal regulations and date of issue.

(*) To be completed if applicable.

The update to the authorisation shall be issued on yellow A4 paper.

REPRESENTATIVE LIST OF STANDARDS

SR EN ISO 9712-2022 Non-destructive testing. Qualification and certification of NDT personnel.

SR EN 1330-1:2015 Non-destructive testing. Terminology. Part 1: List of general terms

SR EN 1330-2:2002 Non-destructive testing. Terminology. Part 2: Terms common to the non-destructive testing methods