Rules for the Certification of Non-Destructive Test Operators according to ASNT recommended practice SNT-TC-1A ed. 2020

Effective from 01/05/2024

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CHAPTER 1 - GENERAL

This rule defines the procedures, applied by RINA for certification of NDT personnel according to ASNT recommended practice SNT-TC-1A ed. 2020 which are guidelines developed by The American Society for Nondestructive Testing, Inc., to aid employers in recognizing the essential factors to be considered in qualifying personnel engaged in any of the NDT methods listed below.

This rule may be used by Company when a written practice is not available.

This Written Practice has been prepared to establish guidelines for the qualifications and certifications of the personnel performing NDT whose specific jobs require appropriate knowledge of the technical principles underlying the nondestructive tests they perform, witness, monitor, or evaluate.

References to editions different from 2020 may be accepted only if the written practice of the organization explicitly refers to other editions and is approved by an NDT Level III.

CHAPTER 2 - DEFINITIONS

Terms included in this document are defined as follows:

Certification: written testimony of qualification

Applicant Company: a RINA SERVICES's client, which is a legal entity that require personnel certification service according to ASNT recommended practice SNT-TC-1A

Certifying Authority: the person or persons properly designated in the written practice to sign certifications on behalf of the company's employer (eg. the President/ General Manager / Quality Manager,…)

Certifying Agency: the applicant company

Closed Book Examination: an examination administered without access to reference material except for materials supplied with or in the examination. (See 8.13.)

Comparable: being at an equivalent or similar level of NDT responsibility and difficulty as determined by the NDT Level III in charge

Detection rate: the number of percentage of false calls allowed for a test specimen as defined by the NDT level III

Documented: the condition of being in written form

Employer: the corporate, private, or public entity of the applicant company, which employs personnel directly or indirectly for wages, salary, fees, or other considerations. This would include employers who obtain their qualified supplemental work force personnel through third-party agencies, providing the use and certification of those supplemental employees is addressed in the employer' s written practice

Experience: work activities accomplished in a specific NDT method under the direction of qualified supervision including the performance of the NDT method and related activities but not including time spent in organized training programs

False call: when an indication and/or grading unit is incorrectly identified as being a defect

Grading Unit: a Qualification Specimen can be divided into sections called grading units, which do not have to be equal length or be equally spaced. Grading units are unflawed or flawed and the percentage of flawed/unflawed grading units required shall be approved by the NDT Level III

Limited Certification: NDT test methods may be further subdivided into limited disciplines or techniques to meet specific company 's and their client's needs; these are Level II certifications, but to a limited scope

Method: one of the disciplines of NDT, e.g., ultrasonic testing, within which various techniques may exist

NDT: non destructive testing, called NDT in the Codes of Construction, consist in a process that involves the inspection, testing, or evaluation of materials, components and assemblies for materials' discontinuities, properties and machine problems without further impairing or destroying the parts serviceability. Throughout this document the term NDT applies equally to the NDT

inspection methods used for material inspection, flaw detection, or predictive maintenance (PdM) applications

Outside Agency: RINA SERVICES SPA

Personalized instruction: personalized instruction may consist of blended classroom, supervised laboratory, and/or hybrid online competency-based course delivery. Modular content is covered through online presentations, in the classroom, and/or in small groups. Personalized instruction also enables students to achieve competency using strategies that align with their knowledge, skills, and learning styles

Qualification: demonstrated skill, demonstrated knowledge, documented training, and documented experience required for personnel to properly perform the duties of a specific job.

Recommended Practice: a set of guidelines to assist the company in developing uniform procedures for the qualification and certification of NDT personnel to satisfy company and its client's specific requirements

Technique: a category within an NDT method; for example, ultrasonic thickness testing.

Third party agency: a company or organization, without an established written practice, providing supplemental work force to the company; for example, a temporary staffing company

Training: an organized program developed to impart the knowledge and skills necessary for qualification

Written Practice: a written Rule developed by RINA SERVICES SPA that details the general requirements for qualification and certification of applicant company in compliance of SNT- TC-1A ed. 2020

Standardization instrument: the adjustment of an NDT instrument using an appropriate reference standard, to obtain to establish a none a reproducible response (this is usually done prior to an examination, but can be carried out any time there is concern about examination or instrument response)

CHAPTER 3 – NDT METHODS

Qualification and certification of NDT personnel in accordance with this rule is applicable to each of the following methods:

- Leak Testing (LT)
- Liquid Penetrant Testing (PT)
- Magnetic Particle Testing (MT)
- Radiographic Testing (RT)
- Ultrasonic Testing (UT)
- Visual Testing (VT)
- Electromagnetic testing (ET)

CHAPTER 4 – LEVELS OF QUALIFICATION

There are three basic levels of qualification. The employer may subdivide these levels for situations where additional levels are deemed necessary for specific skills and responsibilities.

While in the process of being initially trained, qualified, and certified, an individual shall be considered a trainee. A trainee shall work with a certified individual. The trainee shall not independently conduct, interpret, evaluate, or report the results of any NDT examination.

The recommended technical knowledge and skill sets for the three basic levels of qualification are as follows:

- NDT Level I - An NDT Level I individual shall have sufficient technical knowledge and skills be qualified to properly perform specific standardization, specific NDT, and specific evaluations for acceptance or rejection determinations according to written instructions and to record results. The NDT Level I shall receive the necessary instruction and supervision from a certified NDT Level II or Level III individual.
- NDT Level II - An NDT Level II shall have sufficient knowledge and skill to shall be qualified to set up and standardize equipment and to interpret and evaluate results with respect to applicable codes, standards, and specifications. The NDT Level II shall be thoroughly

familiar with the scope and limitations of the methods for which qualified and shall exercise assigned responsibility for on- the-job training and guidance of trainees and NDT Level I personnel. The NDT Level II shall be able to organize and report the results of NDT examinations test.

- NDT Level III - An NDT Level III individual shall have sufficient technical knowledge and skills to be capable of developing, qualifying, and approving procedures; establishing and approving techniques; interpreting codes, standards, specifications, and procedures; and designating the NDT methods, techniques, and procedures to be used. The NDT Level III shall be responsible for the NDT operations for which qualified and assigned and shall be capable of interpreting and evaluating results in terms of existing codes, standards, and specifications. The NDT Level III shall have sufficient practical background in applicable materials, fabrication, and product technology to establish techniques and to assist in establishing acceptance criteria when none are otherwise available. The NDT Level III shall have general familiarity with other appropriate NDT methods, as demonstrated by an ASNT a Level III Basic examination or other means. The NDT Level III, in the methods in which certified, shall have sufficient the technical knowledge and skills to be capable of training and examining NDT Level I, Level II, and Level III personnel for certification in those methods.

CHAPTER 5 – WRITTEN PRACTICE

RINA SERVICES has established this written practice for support, control and administration of NDT personnel training, examination and certification on behalf of applicant company.

This rule describes responsibility of each level of certification for determining the acceptability of materials or components in accordance with the referencing Codes, Standards, and documents.

This rule describes the training, experience, and examination requirements for each level of certification by method and technique.

This rule identifies NDT techniques within each method applicable to the written practice.

This rule shall be reviewed and approved by the RINA SERVICES NDT Level III.

This rule is maintained on file and it will be available on request by applicant company.

CHAPTER 6 – EDUCATION TRAINING AND EXPERIENCE REQUIREMENT FOR INITIAL QUALIFICATION

Candidates for certification in NDT shall have sufficient education, training, and experience to ensure qualification in those NDT methods in which they are being considered for certification. Documentation of prior certification may be used by an employer as evidence of qualification for comparable levels of certification provided it has been verified by an NDT Level III.

Documented training or experience gained in positions and activities comparable to those of Levels I, II and III prior to establishment of this rule may be considered when satisfying the criteria for education, training, and experience, provided the information has been verified by an NDT Level III.

To be considered for certification, a candidate shall satisfy one of the following criteria for the applicable NDT level:

6.1 NDT Levels I and II

NDT Level I and II Limited certifications shall apply to individuals who do not meet the full training and experience specified in SNT-TC-1A, Table 1.

Limited certifications shall be approved by an NDT Level III and documented in certification records.

6.2 NDT Level III

Have a baccalaureate degree (or higher) in engineering or science, plus one additional year of experience beyond the Level II requirements in NDT in an assignment comparable to that of an NDT Level II in the applicable NDT method(s)

or

Have completed with passing grades at least two years of engineering or science study at a university, college, or technical school, plus two additional years of experience beyond the level II requirements in NDT in an assignment at least comparable to that of NDT Level II in the applicable NDT method(s)

or

Have four years of experience beyond the level II requirements in NDT in an assignment at least comparable to that of an NDT Level II in the applicable NDT method(s).

TABLE 1: INITAL TRAINING AND EXPERIENCE LEVELS

Examination Method	Technique	Training Hours [1]		Experience [2]			
				Minimum Hours in Method or Technique		Total Hours in NDT [4]	
		Level I	Level II	Level I	Level II	Level I	Level II
Leak Testing	**Bubble Leak Testing (BT)**	2	4	3	35	15	80
	Pressure change leak testing (P)	24	16	105	280	200	530
	Mass spectrometer (MSLT)	40	24	280	420	530	800
Magnetic Particle		12	8	70	210	130	400
Penetrant Testing		4	8	70	140	130	270
Radiographic Testing [7]	**Radiographic film**	40	40	210	630	400	1200
	Computed Radiography (CR)[5]	40	40	210	630	400	1200
	Digital Radiography (D)	40	40	210	630	400	1200
Ultrasonic Testing	**Ultrasonic Pulse echo**	40	40	210	630	400	1200
	Time of Flight Diffraction (TOFD)[6]		40		320		Note 6.1
	Phased Array (PA) [6]		80		320		Note 6.1
Visual Testing	**Direct and Remote**	8	16	70	140	130	270
	Nital Etching	8	16	70	140	130	270
Electromagnetic Testing	**Eddy Current**	40	40	210	630	400	1200

Table 1 Notes:

1 A person may be qualified directly to NDT Level II with no time as a certified NDT Level I, provided the training and experience consist of the sum of the required hours for NDT Level I and Level II.

2 For NDT Level III certification, experience shall consist of the sum of the required hours for NDT Level I and Level II, plus the additional time in 6.2, as applicable. The formal training shall consist of the NDT Level I and Level II training, including additional time required by the referencing code, standards, specifications, or controlling documents.

3 Listed training hours may be adjusted as described in the employer's written practice depending on the candidate's actual education level, e.g. grammar school, college graduate in engineering, etc.

4 While fulfilling the total NDT experience requirement, experience may be gained in more than one method; however, the minimum number of hours must be met for each method.

5 Computed Radiography

5.1 For an individual is currently certified in a radiography technique (e.g. film) and a full course format was used to meet the initial qualifications in that technique, the minimum additional training hours to qualify in Computed Radiography (CR) technique at the same level shall be 24 hr for Level I and 40 hr for Level II.

5.2 In addition to the training specified in Table 1, a minimum 16 hr of manufacturer-specific hardware/software training shall also be required for each system/software to be used.

5.3 For an individual is currently certified in a radiography technique (e.g. film) and a full course format was used to meet the initial qualifications in that technique, the minimum additional experience to qualify in CR (Computed Radiography) technique at the same level shall be 105 hr for Level I and 320 hr for Level II.

5.4 For Individuals currently certified as a Level II in a radiography technique (e. g., film), where a full-course format was used to meet the initial qualifications in that technique, who are seeking a Level II certification in another technique but have not completed the additional training hours specified in 5.1 above, the following minimum requirements shall be met for certification in each additional technique:

- 24 hr of technique-specific training
- 16 hr of manufacturer-specific hardware/software training for each system/software to be used
- an increase in practical examination test specimens required in 8.3.3, from one to three, each specimen containing at least one discontinuity

6 Time of Flight Diffraction (TOFD) and Phased Array UT (PAUT)

6.1 Time of Flight Diffraction and Phased Array require Ultrasonic Testing Level II certification as a prerequisite.

6.2 In addition to the training specified in Table 1, the additional 24 hr specific hardware and software training are required for automated or semiautomated technique applications. Additional specific hardware and software training and determination of the examiner's qualifications shall be performed by the equipment supplier or experienced personnel according to the content described in Appendix A.

7 Independent of the training recommended for Level I and Level II certification; a trainee is required to receive radiation safety training as required by the regulatory jurisdiction.

8 For RT method the practical examination shall consist of interpretation of 20 radiographs to demonstrate satisfactory performance to the NDT Level III or sufficient documented experience as deemed appropriate by the NDT Level III.

TABLE 2: RECOMMENDED INITIAL TRAINING AND EXPERIENCE LEVELS FOR NDT LEVEL II LIMITED CERTIFICATIONS

Examination Method	Limited Certification	Technician's Starting Point	Abbreviated term	Formal Training	Minimum Work Experience in Technique (Hours)
Radiographic	Film Interpretation	Non-Radiographer	RT-FI	40	220
	Film Interpretation	RT Level I	RT-FI	24	220
	Radioscopy (*)	Non-Radiographer	RT-S	64	1600
	Radioscopy (*)	RT Level I	RT-S	32	1200
Ultrasonic	Digital Thickness Measurement (numeric output only)	Trainee	UT-TH	8	40
	A-scan Thickness Measurement	Trainee	UT-TH	24	175
(*) Technique foreseen in the ISO 9712:2021 standard as a limitation to the RT radiographic method					

CHAPTER 7 – TRAINING PROGRAMS

Personnel being considered for initial certification shall complete the organized training required by the written practice. The organized training shall include one or more of the following:

(1) instructor-led training

(2) personalized instruction

(3) virtual instructor-led training

(4) computer-based training

(5) web-based training

Computer-based training and web-based training shall track hours and content of training with student examinations in accordance with the following subparagraphs.

The organized training shall ensure that the student is familiar with the principles and practices of the specified NDT method, as applicable to the processes to be used and the products to be examined. All training programs shall be approved by the NDT Level III responsible for the applicable method.

The training program shall include examinations to ensure students' understanding of the information.

The training course outlines for NDT Levels I, II, and III personnel, which shall be used as technical source material, are contained in the document "*Topical Outlines for the Qualification of NDT Personnel* based on *ANSI/ASNT CP-105: ASNT Standard Topical Outlines for Qualification of Nondestructive Testing Personnel*", 2016 edition with exception of outlines for CR, TOFD and PAUT based on 2016 edition.

CHAPTER 8 – EXAMINATION

8.1 Administration and Grading

All qualification examination questions shall be approved by the NDT Level III responsible for the applicable method.

An NDT Level III shall be responsible for the administration and grading of examinations specified in 8.3 for NDT Level I, II, or other Level III personnel.

NDT Level I, Level II, and Level III written examinations shall be closed-book, except that data, such as graphs, tables, specifications, procedures, and codes, may be used. Questions using such reference materials shall require an understanding of the information rather than merely locating the appropriate answer.

For NDT Level I and Level II personnel, a composite grade shall be determined by simple averaging of the results of the required examinations. For NDT Level III personnel, the composite grade shall be determined by simple averaging of the results of the examinations required in 8.5.

Examinations administered by the employer for qualification shall result in a passing composite grade of at least 80%, with no individual examination having a passing grade less than 70%. Each individual practical examination shall have a passing grade of at least 80%.

When an examination is administered and graded for the employer by outside agency and the outside agency issues grades of pass or fail only, on a certified report, then the employer may accept the pass grade as 80 percent for that particular examination.

The employer who purchases outside services is responsible for ensuring that the examination services meet the requirements of this document.

In no case shall an examination be administered by oneself or by a subordinate.

8.2 Vision Examinations

Near-Vision Acuity: the examination shall ensure natural or corrected near-distance acuity in at least one eye such that the applicant is capable of reading a minimum of Jaeger Number 1 or equivalent type and size letter (e.g. Times Roman font, size 3,5 points) at the distance designated on the chart but not less than 12 in. (30.5 cm) on a standard Jaeger test chart. The ability to perceive an equivalent Ortho-Rater or similar test pattern is also acceptable. This examination shall be administered annually.

Color Contrast Differentiation: the examination shall demonstrate the applicant's ability to distinguish and differentiate contrast among colors or shades of gray used in the method or techniques as specified in the written practice. This examination shall be administered upon initial certification and at five-year intervals thereafter.

For contrast among colors the tables of Ishihara shall be used. All tables shall be read correctly. For shades of gray at least 5 of 7 step of the film wedge with different density shall be detected.

Vision examinations expire 1 year from the date of examination, on the last day of the month of expiration.

8.3 NDT Level I and II Examinations

8.3.1 General (Written)

The general examinations shall address the basic principles of the applicable method.

In preparing the examinations, the NDT Level III shall select or devise appropriate questions covering the applicable method and techniques as required by the written practice.

The minimum number of questions that shall be given is shown in Table 3.

TABLE 3: MINIMUM NUMBER OF EXAMINATION QUESTIONS

Method	General		Specific	
	Level I	Level II	Level I	Level II
Bubble Leak Testing	20	20	15	15
Pressure change leak testing	20	20	15	15
Mass spectrometer Leak testing	20	20	15	15
Magnetic Particle Testing	40	40	20	20
Penetrant Testing	40	40	20	20
Radiographic Testing:				
Radiography Testing	40	40	20	20
Radiographic Film Interpretation - Non-Radiographer		40		20
Radiographic Film Interpretation - Radiographer (Certified RT NDT Level I)		20		15
Computed Radiography Testing	40	40	30	30
Digital Radiography Testing	40	40	30	30
Ultrasonic Testing:	40	40	20	20
Time of Flight Diffraction		40		30
Phased Array		40		30
Digital Thickness Measurement (Numeric output only)		20		10
A-Scan Thickness Measurement		30		15
Visual Testing (Direct and Remote or Nital Etching)	40	40	20	20
Eddy Current	40	40	20	20

8.3.2 Specific (Written)

The specific examination shall address the equipment, operating procedures, and NDT techniques that the individual may encounter during specific assignments as required by this written practice.

The specific examination shall also cover the specifications or and acceptance criteria used in the employer's NDT procedure.

The minimum number of questions that shall be given is shown in Table 3.

8.3.3 Practical

The candidate shall demonstrate the ability to operate the necessary NDT equipment and record and analyze the resultant information to the degree required.

At least one flawed specimen or component shall be tested and the result of NDT analyzed by the candidate.

Phased array and Time of flight diffraction practical examination: Flawed samples used for practical examinations shall be representative of the components and/or configurations that the candidate a would be testing under this endorsement and approved by NDT Level III.

For film interpretation Limited Certification, the practical examination shall be consist of review and grading at least 20 film to demonstrate satisfactory performance to the satisfaction of the NDT Level III.

The description of the specimen, the NDT procedure, including checkpoints, and the results of the examination shall be documented.

8.3.3.1 NDT Level I Practical Examination: proficiency shall be demonstrated in performing the applicable NDT technique on one or more specimens or machine problems approved by the NDT Level III and in evaluating the results to the degree of responsibility as described in the written practice. At least 10 different checkpoints requiring an understanding of examination variables and the procedural requirements shall be included in the practical examination. The candidate shall detect at least 80% of discontinuities and conditions in each specimen, as specified by the NDT Level III. For each sample candidate shall be able to detect 80 % of flaws indication and maximum 1 false call.

NOTE: Practical examinations shall contain checkpoints such that failure to successfully complete them will result in failure of the examination.

8.3.3.2 NDT Level II Practical Examination: proficiency shall be demonstrated in selecting and performing the applicable NDT technique within the method and interpreting and evaluating the results on specimens approved by the NDT Level III. At least 10 different checkpoints requiring an understanding of NDT variables, and the procedural requirements shall be included in this practical examination. The candidate shall detect at least 80% of discontinuities and conditions, as specified by the NDT Level III. The written practice shall address, when required by the Level III, detection rates as well as the maximum number of false calls that are acceptable.

NOTE: practical examinations shall contain checkpoints such that failure to successfully complete them will result in failure of the examination.

The checklist for practical examination classification in appendix B of this written practice shall be used.

8.4 NDT Level III Examinations

8.4.1 Basic Examinations

The NDT Basic Examination need not be retaken to add another test method as long as the candidate holds a current Level III certificate or certification. The minimum number of questions that should be given is as follows:

8.4.1.1 Fifteen (15) questions relating to understanding the *SNT-TC-1A* document.

8.4.1.2 Twenty (20) questions relating to applicable materials, fabrication, and product technology.

8.4.1.3 Twenty (20) questions that are similar to published NDT Level II questions for other appropriate NDT methods.

8.4.2 Method Examination (for each method)

8.4.2.1 Thirty (30) questions relating to fundamentals and principles that are similar to published ASNT NDT Level III questions for each method, and

8.4.2.2 Fifteen (15) questions relating to application and establishment of techniques and procedures that are similar to the published ASNT NDT Level III questions for each method, and

8.4.2.3 Twenty (20) questions relating to capability for interpreting codes, standards, and specifications relating to the method.

8.4.3 Specific Examination (for each method).

8.4.3.1 Twenty (20) questions relating to specifications, equipment, techniques, and procedures applicable to the employer's product(s) and methods employed and to the administration of the written practice.

A valid endorsement on an ASNT NDT Level III certificate fulfills the examination criteria described in 8.4.1, 8.4.2 and 8.4.3 for each applicable NDT method.

All qualification examination questions shall be approved by the NDT Level III responsible for the applicable method.

8.5 Reexamination

Those failing to attain the required grades should wait at least thirty (30) days or receive suitable additional training as determined by the NDT Level III before reexamination.

CHAPTER 9 - CERTIFICATION

The result of the examination is submitted to RINA for the verification and decision about the issue of a certificate; if the check is positive, RINA shall issue a specific certificate, for each examined candidate, with a validity of 5 years, that attests that the candidate has successfully passed the examination.

Certification of NDT personnel to all levels of qualification is the responsibility of the employer.

Certification of NDT personnel shall be based on demonstration of satisfactory qualification in accordance with Sections 6 through 8 of this written practice.

At the option of the employer, an outside agency may be engaged to provide NDT Level III services (see Annex 1). In such instances, the responsibility of certification of the employees shall be retained by the employer.

9.1 Personnel certification records

Personnel certification records shall be maintained on file by the employer for 10 years and shall include following:

- Name of the certified person
- Level of certification, NDT method, and technique and limitations (if any) as applicable.
- Educational background and experience of certified individuals.
- Statement indicating satisfactory completion of training in accordance with the employer's written practice.
- Results of the vision examinations prescribed in 8.2 for the current certification period.
- Current examination copy(ies) or evidence of successful completion of examinations.
- Composite grade(s) or suitable evidence of grades.
- Signature of the NDT Level III that verified qualifications of candidate for certification.
- Dates of certification and/or recertification.
- Certification expiration date.
- Signature of employer's certifying authority.

9.2 Certificates

The certificate issued by RINA shall contain at least the following information:

- RINA logotype;
- name, place and date of birth of the certified person;
- employer;

- references to the standard number of this rule followed by SNT-TC-1A 2020, NDT method and / or technique as applicable and limitation (if any), certification level,
- Limitation of certification authorization should be defined when appropriate for the employer, which may include restriction on product forms industry sector, code, standard and examination procedure.
- validity start date;
- current issue date;
- expiry date;
- RINA representative's signature;
- reference to www.rina.org website.

CHAPTER 10 - TECHNICAL PERFORMANCE EVALUATION

NDT personnel may be reexamined at any time at the discretion of the employer, and their certificates may be extended or revoked.

Periodically, with a maximum interval about half period of certification validity, NDT Level I and Level II personnel shall be reevaluated by the NDT Level III administering a practical examination. The practical examination shall follow the format and guidelines described in 8.3.3.

CHAPTER 11 - INTERRUPTED SERVICE

Interrupted service means the absence or change of activity which prevents the certified individual from practising the duties corresponding to the level in the method within the certified scope, for either a continuous period in excess of one year or two or more periods for a total time exceeding two years during 5 years of certificate's validity.

For revalidation of the certification after interrupted service defined as above, the individual shall pass a recertification examination as described in 8.3.1 through 8.3.3. The certification is revalidated for a new period of validity as defined in chapter 12 from the date of revalidation.

CHAPTER 12 - RECERTIFICATION

Level I, Level II and Level III NDT personnel shall be recertified periodically in accordance with one of the following criteria:

- Evidence of continuing satisfactory technical performance (see Annex 2);
- Reexamination in those portions of the examinations in Section 8 deemed necessary by the employer's NDT Level III.

The maximum recertification intervals are 5 years for all certification levels. Certifications expire on the last day of the month of expiration.

When new techniques are added to the written practice and NDT Level III personnel is assigned to perform examination using these new techniques, the NDT L III personnel shall receive applicable training, take applicable examinations and obtain the necessary experience, such that the NDT Level III meets the requirements of the new techniques in Table 1 A prior to their next recertification date, in the applicable method.

CHAPTER 13 - TERMINATION

The NDT Examiner's certification shall be deemed revoked when employment is terminated.

An NDT Level I, Level II, or Level III whose certification has been terminated may be certified to the former NDT level by a new employer based on examination, as described in Section 8, provided all of the following conditions are met to the new employer's satisfaction:

- The employee has proof of prior certification.
- The employee was working in the capacity to which certified within six months of termination.

Prior to being examined for certification, employees not meeting the above requirements shall receive additional training as deemed appropriate by the NDT Level III

CHAPTER 14 - REINSTATEMENT

An NDT Level I, Level II, or Level III whose certification has been terminated may be reinstated to the former NDT level, without a new examination, provided all of the following conditions are met:

- The employer has maintained the personnel certification records required in section 9.1.
- The employee' s certification did not expire during termination.
- The employee is being reinstated within six (6) months of termination.

CHAPTER 15 - TRANSFER OF CERTIFICATES ISSUED BY OTHER OUTSIDE AGENCY

A certificate can be transferred only during a recertification; in case of doubts, RINA reserves the right to perform all the actions foreseen for a complete reexamination.

If the previous certificate is not expired for more than six months, the candidate shall be reexamined in all part as specified on chapter 8 when he/she doesn't meet one of the follows conditions:

- previous certificate was issued by CND STUDIO issued before 2023 January

or

- the certificate was issued by a certification body recognized by RINA and signed by a ASNT NDT level III

or

- demonstration of training and experience requirements moreover evidence of documented successful completion of examinations, with questioner and certificate of NDT level III appointed who signed certificate to transfer.

If the transfer requirements above described are not met, the transfer procedure cannot be applied and a complete examination shall be carried out.

All certificates issued by CND STUDIO before 2023 January are considered valid and all documentation as described in this rule (experience, training, examination copies, vision examinations) are maintained in file at the site of the RINA Examination Centre based in Milan for a maximum period of 10 years.

CHAPTER 16 – API RECOMMENDED PRACTICE 2X EXTENSION

For certified personnel according to SNT TC 1A is possible to obtain a certification according to API RP 2X performing the examination indicates in the standard.

CHAPTER 17 – USE OF CERTIFICATION LOGOTYPES

The requirements set out in the "Rules for the use of the RINA certification logo" RC/C 50 apply.

CHAPTER 18 – MANAGEMENT OF CLAIMS

The requirements set out in the "General terms and conditions for the certification of system, product, personnel and inspection" RC/C 17 apply.

CHAPTER 19 – CONTRACTUAL TERMS AND CONDITIONS

The requirements set out in the "General terms and conditions for the certification of system, product, personnel and inspection" RC/C 17 apply.

Annex 1 – Facsimile of Letter of temporary assignment

(LETTERHEAD PAPER)

To
xxxxxxxxxxxxxxx
xxxxxxxxxxxxxx

Date: --/--/----

Subject: temporary assignment with corporate NDT Level III for:

- Activities according to certification scheme SNT TC 1A applicable edition; certification of persons.

Based on his Curriculum Vitae and the examinations successfully passed, Mr/Mrs …… is appointed as Level III for company _____ according to Written Practice no. ……..- (*), for the activity specified here below

Surname/Name	Method	Level	Technique	Activity
				□certification □recertification
				□certification □recertification

He declares that all previous documents relating to the above activity, i.e. CV, training, examination certificates, technical performance evaluation, continuity satisfactory performance, near-vision acuity, color contrast and grey shade reports are available and filed in the following offices _____ENTER NAME OF COMPANY

(*): enter the identification of the written practice, edition and revision issued on ……..

On behalf of COMPANY NAME NDT LEVEL III

Annex 2 – Declaration of documented continuity satisfactory performance

Company: **Technician (name and signature):**

METHOD	LEV.	Ist half 20__	Job num and report issued	IInd half 20__	Job num and report issued	Ist half 20__	Job num and report issued	IInd half 20__	Job num and report issued	Ist half 20__	Job num and report issued	IInd half 20__	Job num and report issued
RT	II												
MT	II												
PT	II												
UT	II												
VT	II												
ET	II												
LT	II												
NDT Level III signature and date													
Quality Manager stamp and signature													

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Technical Rules