

Procedure



Qualification and Certification of NDT Personnel "Written Practice"

March 2026

REVISION INDEX

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1.0 PURPOSE

1.1. This document establishes the minimum training, experience, examination, and certification or qualification requirements of personnel conducting Nondestructive testing (NDT) for Industrial Performance Services, using the following methods, techniques, and other supplemental tests:

- 1 Liquid Penetrant Testing (PT)
- 2 Magnetic Particle Testing (MT)
- 3 Magnetic Particle Testing (Yoke)
- 4 Ultrasonic Testing (UT)
- 5 Phased Array Testing (PAUT)
- 6 Ultrasonic Shear Wave (UTSW)
- 7 Ultrasonic Thickness Testing (UTT)
- 8 Visual Testing (VT)

2.0 SCOPE

2.1 Individuals certified by IPS prior to this revision remain certified without additional training, experience or examination requirements imposed by this revision. This revision applies to individuals obtaining initial certification by IPS after the effective date and next re-certification deadline for each certification for each IPS technician.

3.0 GENERAL

3.1 This document conforms to The American Society for Nondestructive Testing's document SNT-TC-1A Recommended Practice for "Personnel Qualification and Certification in Nondestructive Testing" 2006, 2011, 2016, 2018 Addendum, 2020 and 2024 edition and the American Society of Mechanical Engineers, Section V, Article 1.

4.0 DEFINITIONS AND REFERENCES

- 4.1 *Certification* – Written testimony of qualification.
- 4.2 *Certifying Authority* – The NDT Level III designated to sign certifications on behalf of Industrial Performance Services. (See Attachment "A" – Certified Agent)
- 4.3 *Certifying Agency* – The employer of the personnel being certified. Industrial Performance Services. is the certifying agency for certifications obtained in accordance with this written practice.
- 4.4 *Closed-Book Examination* – An examination administered without access to reference material except for materials supplied with or in the examination.
- 4.5 *Comparable* – Being at an equivalent or similar level of NDT responsibility and difficulty as determined by the employer's NDT Level III.
- 4.6 *Documented* – The condition of being in written form.
- 4.7 *Employer or Company (Industrial Performance Services.)* – The corporate, private, or public entity, which employs personnel for wages, salary, fees, or other considerations.

- 4.8 *Experience (on-the-job training or OJT)* – Work activities accomplished in a specific NDT method under the direction of qualified supervision including the performance of the NDT method and related activities. This does not include time spent in organized training programs, travel time, standby time, lunch breaks, etc.
- 4.9 *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 shall be approved by the NDT Level III.
- 4.10 *Limited Certification* – Nondestructive test methods may be further subdivided into limited disciplines or techniques to meet specific employer's needs; these are NDT Level II certifications, but to a limited scope. (Level II Ltd.)
- 4.11 *Nondestructive Testing (NDT)* – The development and application of technical methods to examine materials or components in ways that do not impair future usefulness and serviceability in order to detect, locate, measure, and evaluate flaws; to assess integrity, properties, and composition; and to measure geometrical characteristics.
- 4.12 *Outside Agency* – A company or individual who provides NDT Level III services and whose qualifications to provide these services have been reviewed by the employer engaging the company or individual.
- 4.13 *Qualification* – Demonstrated skill, knowledge, documented training, and experience required for personnel to properly perform the duties of a specific job.
- 4.14 *Recommended Practice* – A set of guidelines to assist the employer in developing uniform procedures for the qualification and certification of NDT personnel to satisfy the employer's specific requirements.
- 4.15 *Technique* – A category within an NDT method; for example, ultrasonic thickness testing.
- 4.16 *Training* – An organized program developed to impart the knowledge and skills necessary for qualification.
- 4.17 *Written Practice* – A written procedure developed by the employer that details the requirements for qualification and certification of their employees.

5.0 RESPONSIBILITIES

5.1 *Implementation:*

- 5.1.1 *Performance:* The Administration of this procedure is the responsibility of the IPS Quality Manager or his designee.
- 5.1.2 *External Audits:* This Designated Level III of IPS is responsible for NDT compliance audits from outside parties.

6.0 PROCEDURE

6.1 *Certification Levels*

- 6.1.1 There are three (3) basic levels of certification obtainable by NDT

personnel at IPS; Level I, II, and III. Trainee status is not a level of certification but explained below.

6.2 *Responsibilities:*

6.2.1 *Trainee* – While in the process of being initially trained, qualified, and certified, an individual should 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 Nondestructive examination.

6.2.2 *Level I* – Technician level of certification with the following duties:

6.2.2.1 An NDT Level I shall have sufficient technical knowledge and skills to be qualified to properly perform specific standardizations, specific NDT, and specific evaluations for acceptance or rejection determinations according to written instructions and to record results.

6.2.2.2 The NDT Level I shall receive the necessary instruction and supervision from a certified NDT Level II or III individual.

6.2.3 *Level II* – Technician level of certification with the following duties:

6.2.3.1 An NDT Level II individual shall have sufficient technical knowledge and skills to be qualified to set up and standardize equipment and to interpret and evaluate results with respect to applicable codes, standards, and specifications.

6.2.3.2 The NDT Level II shall be thoroughly familiar with the scope and limitations of the methods for which qualified and should exercise assigned responsibility for on-the-job training and guidance of trainees and NDT Level I personnel.

6.2.3.3 The NDT Level II shall be able to organize and report the results of NDT activities.

6.2.4 *Level II Ltd.* – Limited technician level of certification.

IPS may, at its discretion, restrict some level of certification. When necessary, the nature of the restricted certification will be documented on the certification documentation. Restricted levels of certifications have the same duties as a Level II certification but are limited to the specific job function or equipment type.

6.2.5 *Level III* – Technician level of certification with the following duties:

6.2.5.1 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.

6.2.5.2 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.

6.2.5.3 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.

6.2.5.4 The NDT Level III shall have general familiarity with other appropriate NDT methods, as demonstrated by an ASNT Level III Basic examination or other means.

6.2.5.5 The NDT Level III, in the methods in which certified, shall have sufficient technical knowledge and skills to be capable of training and examining NDT Level I, II, and III personnel for certification in those methods.

6.3 *Education and Training Requirements Level I, II and III*

6.3.1 To obtain certification with IPS, NDT candidates must provide a High School Diploma or equivalent at a minimum.

6.3.2 Level I and II personnel initially certified to conduct NDT tests under this document shall have or exceed the NDT classroom training hours shown in Table 1.

6.3.3 Personnel being considered for initial certification shall complete sufficient organized training. The organized training may include instructor-led training, virtual instructor-led training, computer-based training, or web-based training. Computer-based training and web-based training shall track the hours and content of training with student examinations in accordance with 6.3.4. The sufficiently organized training shall be such as to ensure the student is thoroughly familiar with the principles and practices of the specified NDT method related to the level of certification desired and applicable to the processes to be used and the products to be tested. All training programs shall be approved by the IPS Responsible NDT Level III. Approval in writing is not warranted by ASNT SNT TC-1A.

6.3.4 The training program shall include sufficient examinations to ensure understanding of the necessary information.

6.3.5 Recommended training course outlines and references for NDT Levels I, II and III personnel, which may be used as technical source material, are contained in *ANSI/ASNT CP-105 – Topical Outlines for Qualification of Nondestructive Testing Personnel*.

6.3.6 The IPS Responsible NDT Level III shall be responsible for confirming that outside training services meet the minimum requirements of this written practice.

6.3.7 Documentation of prior certification may be used by IPS as evidence of qualification for comparable level of certification, with the prior approval of a IPS Responsible NDT Level III.

6.4 *Experience Requirements Level I, II and III*

6.4.1 The minimum initial experience requirements for Level I and II

personnel are summarized in Table 1 for total time in NDT and the specified NDT method in which certification is sought.

6.4.2 For NDT Level III certification, an employee must satisfy at least one (1) of the following education and experience criteria.

6.4.2.1 Have a bachelor's degree (or higher) in engineering or science, plus one (1) additional year of experience beyond the Level II requirements in NDT in an assignment comparable to that of Level II in the applicable test method.

6.4.2.2 Have completed with passing grades at least two (2) years of engineering or science study at a university, college, or technical school plus two (2) additional years of experience beyond the Level II requirements in assignments at least comparable to that of Level II in the applicable test method.

6.4.2.3 Have four (4) years of experience beyond the Level II requirements in an assignment comparable to that of Level II in the applicable method.

6.5 *Examinations Level I, II and III*

6.5.1 *Administration and Grading*

6.5.1.1 The IPS Responsible NDT Level III or his designee shall be responsible for the administration and grading of examinations specified in this section of NDT Level I, II, or other Level III personnel. The administration and grading of examinations may be delegated to a qualified representative of the IPS Responsible NDT Level III and so recorded.

6.5.1.2 To be designated as a qualified representative of the NDT Level III for the administration and grading of NDT Level I and Level II personnel qualification examinations, the designee shall have documented appropriate instruction by the NDT Level III, documented in Attachment "A". Instruction(s) need not be documented. Additionally, the Practical exam shall be administered by a person certified in the applicable NDT method as NDT Level II or III.

6.5.1.3 For NDT Level I and II personnel, a composite grade shall be determined by simple averaging of the results of the general, specific, and practical examinations described below. For NDT Level III personnel, the composite grade shall be determined by simple averaging of the results of the basic, method, and specific, demonstration, and practical examinations described below.

6.5.1.4 For NDT Level III personnel with a valid ASNT NDT Level III or other 3rd Party Level III such as PCN or ACCP Level III, the Basic and Method examinations shall be given an implied 80%. The Specific and Practical examinations shall be the actual value scored from testing. The composite score is the resulting averaging of the value of all Level III examinations

including the Basic exam (80%), Method exam (80%), Specific Score and Practical Score.

6.5.1.5 Examinations administered by IPS for qualification shall result in a composite passing grade of at least 80 percent, with no individual examination having a passing grade less than 70 percent. The Practical examination shall have a passing grade of at least 80 percent.

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

6.5.1.7 When IPS purchases outside services, it is responsible for ensuring that the examination services meet the requirements of this procedure.

6.5.1.8 In no case shall an examination be administered by oneself or by a subordinate. The Responsible NDT Level III may be tested by an outside agency or an external NDT Level III in the method.

6.5.2 *Visual Examinations (Level I, II and III)*

6.5.2.1 *Near-Vision Acuity.* The examination shall ensure natural or corrected near-distance acuity in at least one eye such that the applicant can read a minimum of Jaeger Number 1 or equivalent type and size letter at the distance designated on the chart but not less than 12 inches. (30.5 cm) on a standard Jaeger test chart. The ability to perceive an Ortho-Rater minimum of 8 or similar test pattern is also accepted. This shall be conducted upon initial certification and annual thereafter.

6.5.2.2 *Color Contrast Differentiation.* The examination shall demonstrate the capability of distinguishing and differentiating contrast among colors or shades of gray used in the method as determined by the IPS Responsible NDT Level III. This shall be conducted upon initial certification and annually thereafter.

6.5.2.3 Vision examinations expire on the last day of the month of expiration.

6.5.3 *General Examination (Written for NDT Levels I and II)*

6.5.3.1 The general examinations shall address the basic principles of the applicable method. In preparing the examinations, the IPS Responsible NDT Level III and his team shall select or devise appropriate questions covering the applicable method to the degree required by this procedure.

6.5.3.2 The minimum number of questions that shall be given is shown in Table 2.

6.5.4 *Specific Examination (Written for NDT Levels I and II)*

6.5.4.1 The specific examination shall address the NDT equipment, NDT operating procedures, and NDT technique questions that the individual may encounter during specific assignments to the degree required by this procedure.

6.5.4.2 The specific examination shall also cover the specifications or codes and acceptance criteria used in IPS's NDT procedures. The candidate shall be given access to all the codes, procedures and any other reference material needed for the specific examination given.

6.5.4.3 The minimum number of questions that shall be given is shown in Table 2.

6.5.5 *Practical Examination (for NDT Level I and II)*

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

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

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

6.5.5.4 *NDT Level I Practical Examination.* Conventional NDT methods shall require one flawed specimen for each technique practical demonstration and at least two for each method. At least ten (10) different checkpoints requiring an understanding of test variables and IPS's procedural requirements shall be included in this practical examination. The candidate shall detect all discontinuities and conditions specified by the IPS Responsible NDT Level III. Note: While it is normal to score the practical on a percentile basis, practical examinations shall contain check points that failure to successfully complete will result in failure of the examination.

6.5.5.5 *NDT Level II Practical Examination.* Conventional NDT methods shall require one flawed specimen for each technique practical demonstration and at least two for each method. Proficiency shall be demonstrated in selecting and performing the applicable NDT technique within the method and interpreting and evaluating the results on one or more specimens or machine problems approved by the IPS Responsible NDT Level III. At least ten (10) different checkpoints requiring an understanding of NDT variables and IPS's procedural requirements shall be included in this practical examination. The candidate shall detect all discontinuities and conditions specified by the NDT Level III. Note: While it is normal to score the practical on a percentile bases, practical examinations shall contain check points that

failure to successfully complete will result in failure of the examination. A copy of IPS Practical Checklist shall be as evidence of a successful practical including the specimen examined, NDT procedure, checkpoints, and examination results. An NDT Report should also accompany the checklist.

- a) Level II PAUT, technique qualifications (practical examination) should require two test specimen's minimum, with each specimen containing a minimum of two discontinuities. A sample with one flaw is permitted if three flaws are in the opposite sample in the test kit or a sample may include four flaws and the opposite sample may be unflawed.

6.5.6 *Additional Examination Criteria for Level I and II Candidates*

6.5.6.1 All NDT Level I, II and III written examinations shall be closed book except that necessary data, such as graphs, tables, specifications, procedures, codes, etc., may be provided with or in the examination. Questions utilizing such reference materials shall require an understanding of the information rather than merely locating the appropriate answer. All test questions used for NDT examinations shall be approved by the IPS Responsible NDT Level III.

6.5.6.2 A valid endorsement on an ASNT ACCP Level II certificate fulfills the corresponding examination criteria described in paragraphs 6.5.3 (General Examination) for each applicable NDT method.

6.5.6.3 A valid endorsement of ASNT 9712 Level II fulfills the corresponding examination criteria described in paragraphs 6.5.3 (General Examination) for the applicable Level II method.

6.5.6.4 A valid ASNT NDT Level II certificate is accepted by this procedure as fulfilling the criteria described in paragraph 6.5.3 (General Examination) for each applicable method.

6.5.6.5 *Phased Array Practical Examination.* Flawed samples used for practical examinations shall be representative of the components and/or configurations that the candidates would be testing under this endorsement and approved by the IPS Responsible NDT Level III.

6.5.6.6 IPS may accept a valid, current AWS Certified Welding Inspector certificate as meeting the examination requirements of a Visual NDT Level II, as required by sections 6.5.3, 6.5.4 and 6.5.5. The valid AWS-CWI certificate shall be placed in the Quality folder as a place holder for the individuals VT Level II certificate.

6.5.7 Re-examination. Those failing to attain the required grades shall wait at least thirty (30) days or receive suitable additional training as determined by the IPS Level III before re-examination.

6.6 NDT Level III Certification

6.6.1 IPS endorses a valid ASNT NDT Level III certificate as fulfillment of the examination criteria and grade requirement of the Basic and Method examinations for each applicable method. IPS also endorses a valid ACCP or ASNT 9712 Level III certificate as meeting the requirement for Basic, Method and Practical examinations for each applicable method.

6.6.2 NDT Level III Specific and Practical examinations shall be as noted below.

6.6.3 Specific Exam

6.6.3.1 The Specific Exam shall have a minimum of questions to be given below:

- a) 20 questions relating to specifications, equipment, techniques, and procedures applicable to the IPS services.
- b) The method specific Level III exam may be equivalent to the Level II specific exam.

6.6.4 Level III Practical Exams

6.6.4.1 Level III Practical examinations shall be required every 5 years for NDT Level III Technicians and shall be completed by writing a code compliant NDT procedure for each NDT method for which certification is sought unless evidence exists that the candidate has previously prepared acceptable NDT procedures in the method using the specifications, code and standards that are applicable to IPS.

6.6.4.2 IPS Level IIIs that perform NDT or evaluate results, the Practical examination shall include the same demonstrations of the candidate's ability to perform the required activity(ies) as required by Section 6.5.5.5. For NDT Level III personnel certified under IPS's current written practice, this requirement shall be met prior to the next recertification date.

6.6.5 Re-examination. Those failing to attain the required grades shall wait at least thirty (30) days or receive suitable additional training as determined by the IPS Level III before examination.

6.7 NDT Certifying Agent

6.7.1 IPS's NDT certifying agent may be its Corporate Executive Officer or Quality Manager. When outside service groups supply Level III services, the audit responsibility for assuring that these service groups satisfy the requirements of IPS procedures remains with the IPS Responsible NDT Level III.

6.8 Certification

6.8.1 IPS shall certify Level I, II and III individuals, upon their satisfactory completion of the training, experience, and examinations required by

this written practice.

6.8.2 The certification documentation shall be maintained on file for the life of the company. The documentation shall include the following.

- 1.0 Name of certified Individual
- 2.0 Level of certification, method(s), and technique(s)
- 3.0 Educational Background and experience of certified individual
- 4.0 Statement indicating satisfactory completion of training in accordance with this written practice.
- 5.0 Results of vision examinations
- 6.0 Evidence of successful completion of examinations
- 7.0 Composite grades
- 8.0 Signature of Level III
- 9.0 Dates of certification or re-certification and date assigned to NDT
- 10.0 Certification expiration date
- 11.0 Signature of IPS certifying authority

6.8.2.1 An example certification record is in the appendix of this procedure. Other formats of the certification record are accepted by this procedure provided it contains all the necessary information required in 6.8.3 and is accepted by the IPS Responsible NDT Level III.

6.8.3 Certificates shall also include the following documentation.

6.8.3.1 The legal name of the employer, document number and the written practice's revision number.

6.8.3.2 "SNT-TC-1A" followed by the four-digit year of the applicable edition.

6.8.3.3 Full legal name of the certified individual.

6.8.3.4 Level of certification, NDT method and/or technique.

6.8.3.5 Limitations of certification shall be clearly defined.

6.8.3.6 The full printed legal name and signature of both the NDT Level III and designated Certifying Authority when the Level III and Certifying Authority are identified as separate positions.

6.8.3.7 The certificate shall be completed at the time of signing by the designated NDT Level III and/or Certifying Authority.

5 When changes or alterations are required, issuing a new certificate is required.

6.8.4 At the option of IPS, an outside agency may be engaged to provide NDT Level III services. In such instances, IPS Responsible NDT Level III shall approve all outside services.

- 6.9 Technical Performance Evaluation
 - 6.9.1 NDT personnel may be reexamined anytime at the discretion of the employer and have their certification extended or revoked.
 - 6.9.2 Every five (5) years NDT Level I and II personnel shall be reevaluated by the NDT Level III administering a Practical examination. The examination will follow the requirements of Section 6.5.5.5.
 - 6.9.2.1 IPS NDT Level III's that need to meet Section 6.6.4.2, the requirements of 6.9.2 shall be met.
- 6.10 Re-certification
 - 6.10.1 Level I, II, and III personnel shall be re-certified every five (5) years in each NDT method certified. NDT Level I and II personnel shall be reevaluated by the NDT Level III administering a practical examination. For Level III technicians, re-certification may be by method examination, specific examination, or demonstration examination in the method. Continuing satisfactory technical performance shall not be utilized for recertification without re-examination.
 - 6.10.2 IPS certifications expire in 5 years from the final day of the final month of expiration.
 - 6.10.3 When new techniques are added to the written practice, NDT personnel, including Level III, shall receive applicable training, take applicable examinations and obtain necessary experience, such that they meet requirements for new techniques, prior to their next recertification date.
 - 6.10.4 If, at any time the NDT Level III has reason to believe there is a weakness in the technical performance of an individual, supplemental training and specific examinations may be used to upgrade that individual prior to completion of re-certification.
- 6.11 Interrupted Service
 - 6.11.1 In the event of interrupted service, Level I and II certification may be renewed without retesting provided not more than six months have passed since the interruption of service. If NDT personnel have been removed from IPS from more than six months, then re-certification shall be by complete re-examination.
- 6.12 Termination of Certification
 - 6.12.1 If the NDT Level III has reason to believe that an individual is not performing NDT as required, that person's certification can be revoked until additional training and testing is given. Reinstatement of certification shall follow the requirements for initial certification.
 - 6.12.2 All NDT certifications of personnel leaving IPS are revoked at the time of separation.
 - 6.12.3 A revoked certification under paragraph 6.11.1 of this written practice shall not be allowed to be re-instated until all the requirements of that

paragraph are satisfied.

6.12.4 An NDT Level I, Level II, or Level III whose certification has been terminated may be certified to the former NDT level by IPS based on examination, as described in 6.5, provided all the following conditions are met to the IPS Responsible NDT Level III's satisfaction:

- 6.11.4.1 The employee has proof of prior certification.
- 6.11.4.2 The employee was working in the capacity to which certified within six (6) months of termination.
- 6.11.4.3 The employee is being recertified within six (6) months of termination.

6.13 Reinstatement of Certification

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

- 6.13.1.1 IPS has maintained the personnel certification records required in section 6.8.3.
- 6.13.1.2 The employee's certification did not expire during termination.
- 6.13.1.3 The employee is being reinstated within six (6) months of termination.
- 6.13.1.4 Prior to being examined for certification, employees not meeting the requirements of 6.12.1.1 through 6.12.1.3 shall receive additional training as specified by the NDT Level III.

7.0 REFERENCES

- 7.1 ASNT SNT-TC-1A-2006, 2011, 2016, 2018 addendums, 2020 and 2024 edition.
- 7.2 ASNT Document CP-105.
- 7.3 ASME Section V, Article 1 2025 Edition.

Tables

Table 1 Initial Training and Experience Levels

Examination Method	NDT Level	Technique	Training Hours	Experience	
				Minimum Hours in Method	Total Hours in NDT
Liquid Penetrant	I	All	4	70	130
	II		8	140	270
Magnetic Particle	I	All	12	70	130
	II		8	210	400
Ultrasonic Testing	I	Shear Wave	40	210	400
	II	Phased Array	40	630	1200
	II		40	320	-

Visual	II		80	320	-
	I		8	70	130
	II		16	140	270

Notes for Table 1

- 9 A person may be qualified directly to NDT Level II with no time as a certified NDT Level I, providing the recommended training and experience consists of the sum of the hours recommended for NDT Level I and Level II.
- 10 While fulfilling total NDT experience requirement, experience may be gained in more than one (1) method, however, the minimum hours must be met for each method.
- 11 The following Ultrasonic Techniques require current Level II Unlimited Ultrasonic Testing Certification.
 - 7 Phased Array (PAUT)
- 12 For individuals seeking certification as a Level II in PAUT, the employee shall receive training with similar instrumentation as shall be utilized during field examinations.
- 13 In addition to the training specified in this table for PAUT, supplemental specific hardware and software training is required for newly acquired automated or semi-automated technique applications. The training sessions will be a minimum of 8 hours consisting of lecture, demonstration and hands-on by the student. For satisfactory training completion, the student will be required to apply the technique to inspect at least one test prop and document the results. This will be proctored and graded like a practical examination.
- 14 For individuals conducting automated or semi-automated Ultrasonic examinations, the individual shall receive adequate training and conduct a practical utilizing the specific hardware and software for the necessary applications that will be encountered.

Table 1 (Continued) Initial Training and Experience Levels for NDT Level II or II-Ltd Limited Certifications

Examination Method	Limited Certification	Technician's Starting Point	Formal Training	Minimum Work Experience in Method (Hours)
Ultrasonic Testing	Digital Thickness Measurement (numeric output only)	Trainee	8	40
	A-scan Thickness Measurement	Trainee	24	175

Table 2 Minimum Number of Examination Questions

Method	General		Specific	
	Level I	Level II	Level I	Level II
Liquid Penetrant Testing	40	40	20	20
Magnetic Particle Testing	40	40	20	20
Ultrasonic Testing:	40	40	20	20
Phased Array	40	40	-	30
Digital Thickness Measurement (numeric output only)	-	20	-	10
A-scan Thickness Measurement	-	30	-	15
Visual Testing	40	40	20	20

Sample Certification Templates

Sample NDT Certification Record