

 200901009799 (852807W)	Document Type	CERTIFICATION SCHEME	QM Level	2	Document Number	RSA-CRT-0800-01
	INTERNATIONAL PERSONNEL CERTIFICATION SCHEMES				Revision	4
	Scheme	Nondestructive Testing in accordance with ISO 9712			Page	
					Effective Date	30 th July 2025

1.0 CONDUCT OF EXAMINATION

- 1.1 Candidates must meet the minimum requirements for training and vision prior to sitting for the qualification examination.
- 1.2 All examinations shall be conducted at examination centres that are established, approved, and monitored by the Certification Department.
- 1.3 At the time of the examination, candidates must present valid identification and the official examination notification, which must be shown to the examiner or invigilator upon request.
- 1.4 Any candidate who fails to comply with examination rules, engages in fraudulent behaviour, or assists others in such misconduct will be barred from all further qualification examinations for a minimum period of one (1) year.
- 1.5 Candidates shall not to be permitted in the examination area personal items, unless explicitly authorized by the examiner.
- 1.6 During the examination, candidates will be required to select the most appropriate answer from the options provided.
- 1.7 The Examination Department is responsible for administration and initial grading the examinations. However, the practical examination must be invigilated by a person certified as NDT Level 2 or Level 3 in the relevant method and/or technique.
- 1.8 All examination questions must be approved by the Certification Department. Questions shall be drawn in an unpredictable manner from the Certification Department's official question bank valid at the time of the examination.
- 1.9 Written examination (whether e-assessment or conventional) shall be invigilated by an examiner or by one or more approved invigilators placed under an examiner's responsibility.

 200901009799 (852807W)	Document Type	CERTIFICATION SCHEME	QM Level	2	Document Number	RSA-CRT-0800-01
	INTERNATIONAL PERSONNEL CERTIFICATION SCHEMES				Revision	4
	Scheme	Nondestructive Testing in accordance with ISO 9712			Page	
					Effective Date	30 th July 2025

- 1.10 An examiner shall not be permitted to examine any candidate:
- That he has trained for the examination for a period of two (2) years from the date of the conclusion of the training activities.
 - Who is working (permanently or temporarily) in the same facility as the examiner.
- 1.11 Final Grading shall be the responsibility of Certification Department.

2.0 EXAMINATION

2.1 Elements of Examination

- 2.1.1 For NDT LEVEL 1, the examination shall consist of all the following examination elements:
- Part A, General Examination
 - Part B, Specific Examination
 - Part C, Practical Examination
- 2.1.2 For NDT Level 2, the examination shall consist of all the following examination elements:
- Part A, General Examination
 - Part B, Specific Examination
 - Part C, Practical Examination
 - Part D, NDT Instruction Writing
- 2.1.3 For NDT Level 3, the examination shall consist of all the following examination elements:
- Basic examination element which consists of the following items:
 - Part A, Technical Knowledge
 - Part B, IPCS Certification Scheme Document Knowledge
 - Part C, Level 2 Knowledge of Methods

 200901009799 (852807W)	Document Type	CERTIFICATION SCHEME	QM Level	2	Document Number	RSA-CRT-0800-01
	INTERNATIONAL PERSONNEL CERTIFICATION SCHEMES				Revision	4
	Scheme	Nondestructive Testing in accordance with ISO 9712			Page	
					Effective Date	30 th July 2025

- b. Main method examination element which consists of the following items:
- Part D, General Examination
 - Part E, Specific Examination
 - Part F, NDT Procedure Writing

2.2 NDT Level 1 and Level 2 Examinations

2.2.1 General Examination

- Candidates are required to complete a General Examination consisting of forty (40) multiple-choice questions. The maximum time allowed for this examination is 80 minutes.
- Where national regulations do not specify otherwise, an additional radiation safety examination shall be required for the radiographic testing method. This examination may cover X-radiation, gamma-radiation, or both, depending on the applicable procedure.

2.2.2 Specific Examination

- Candidates must complete a Specific Examination consisting of twenty (20) multiple-choice questions. The maximum time permitted for this examination is 60 minutes.
- Specific Examination shall include questions covering calculations, NDT procedures, as well as applicable codes, standards, and specifications.

2.2.3 Practical Examination

- Candidates are required to complete a Practical Examination, at minimum, by performing NDT on two (2) flawed specimens.

 200901009799 (852807W)	Document Type	CERTIFICATION SCHEME	QM Level	2	Document Number	RSA-CRT-0800-01
	INTERNATIONAL PERSONNEL CERTIFICATION SCHEMES				Revision	4
	Scheme	Nondestructive Testing in accordance with ISO 9712			Page	
					Effective Date	30 th July 2025

- b. NDT Level 1 candidates must follow the NDT instructions provided by the examiner.
- c. NDT Level 2 candidates must select the appropriate NDT technique and determine the operating conditions in accordance with the relevant procedure, code, standard, or specification.
- d. The maximum time allowed for testing each area or volume is:
 - i. For Level 1, two (2) hours
 - ii. For Level 2, three (3) hours
 - iii. For ODA Level 2, for (4) hours
- e. For LT, LTB, and LTG Level 2, the requirements of 5.2.1(a) are replaced with the following:
 - i. Candidates must perform NDT on one (1) specimen plus two (2) data sets, with the two data sets considered equivalent to one (1) specimen.
 - ii. The specimen described in Section e(i) is not required to contain flaws.
- f. For RT, RTD, RTFI, RTDI, and ODA Level 2, the requirements of 5.2.1 are replaced with the following:
 - i. For RT, candidates must perform RT on one (1) specimen plus interpret ten (10) radiographs. The set of radiographs shall be considered as one (1) specimen.
 - ii. For RTD, candidates must perform RTD on one (1) specimen plus interpret ten (10) digital images. The set of images shall be considered as one (1) specimen.
 - iii. For RTFI, candidates must interpret ten (10) radiographs.

 200901009799 (852807W)	Document Type	CERTIFICATION SCHEME	QM Level	2	Document Number	RSA-CRT-0800-01
	INTERNATIONAL PERSONNEL CERTIFICATION SCHEMES				Revision	4
	Scheme	Nondestructive Testing in accordance with ISO 9712			Page	
					Effective Date	30 th July 2025

- iv. For RTDI, candidates must interpret ten (10) digital images.
 - v. For ODA, candidates must interpret three (3) digital data sets.
 - vi. The specimens described in Section f(i) and Section f(ii) are not required to contain flaws.
- g. For UTTM Level 2, the requirements of Section (a) are replaced with the following:
- i. Candidates must perform UTTM on ten (10) thickness readings.
 - ii. The specimen described in Section g(i) is not required to contain flaws.
- h. The Practical Examination shall involve performing tests on designated specimens, recording the results, and for NDT Level 2 candidates interpreting the data as required, before reporting the findings in the prescribed format. Specimens used for training purposes shall not be used for examination.
- i. Each specimen must be uniquely identified and accompanied by a master report. The master report shall be prepared based on at least two independent tests and validated by an NDT Level 3 certificate holder for grading purposes. The independent test reports used to compile the master report shall be retained as records.
- j. Specimens must simulate field geometries and contain discontinuities representative of those likely to be encountered in manufacturing or service. These discontinuities may be natural, artificial, or implanted.

 200901009799 (852807W)	Document Type	CERTIFICATION SCHEME	QM Level	2	Document Number	RSA-CRT-0800-01
	INTERNATIONAL PERSONNEL CERTIFICATION SCHEMES				Revision	4
	Scheme	Nondestructive Testing in accordance with ISO 9712			Page	
					Effective Date	30 th July 2025

2.2.4 NDT Instruction Writing

- a. NDT Level 2 candidates shall draft at least one NDT Instruction suitable for NDT Level 1 personnel, for a specimen selected by the examiner. The recommended maximum time allowed for this part of the examination is two (2) hours.
- b. For “Limited Certification”, NDT Instruction Writing is not required.

2.3 Level 3 Examinations

2.3.1 Requirements

- a. All candidates applying for NDT Level 3 certification in any method must first pass the NDT Level 2 practical examination with a score of at least 70%, except for the task of drafting NDT instructions for Level 1.
- b. Current NDT Level 2 personnel upgrading to Level 3 in the same method, or any candidate who has already passed the Level 2 practical examination for that method as outlined in Section 5.2.3 (see Practical Examination), are exempt from retaking the Level 2 practical examination.

2.3.2 Basic examination

- a. The written examination shall evaluate the applicant's knowledge of fundamental subjects through no fewer than the number of multiple-choice questions specified in Table 1.

 200901009799 (852807W)	Document Type	CERTIFICATION SCHEME	QM Level	2	Document Number	RSA-CRT-0800-01
	INTERNATIONAL PERSONNEL CERTIFICATION SCHEMES				Revision	4
	Scheme	Nondestructive Testing in accordance with ISO 9712			Page	
					Effective Date	30 th July 2025

- b. The Basic Examination must be passed first and remains valid, provided that the first main method examination is successfully completed within five (5) years of passing the basic element. Applicants who already hold a valid Level 3 certificate in one NDT method and are applying for certification in another method are exempt from retaking the Basic Examination.
- c. The maximum time limits for parts A, B and C examinations area as follow:
 - i. Part A, fifty (50) minutes
 - ii. Part B, thirty (30) minutes
 - iii. Part C, one-hundred-twenty (120) minutes

Table 1: Minimum Required Number of Basic Examination Questions

Part	Subject	Number of Questions
A	Technical knowledge in materials science and process technology.	25
B	Knowledge of RSA certification schemes. This may be an open book examination.	10
C	General knowledge of at least four (4) methods as required for Level 2 and chosen by the personnel from the methods given in Table 1. These four methods shall include at least one volumetric method (UT or RT).	15 for each test method (total 60)

2.3.3 Main Method Examination

- a. This written examination shall assess the applicant's knowledge of the main method subjects using the minimum required number of multiple-choice questions shown in Table 2.

 200901009799 (852807W)	Document Type	CERTIFICATION SCHEME	QM Level	2	Document Number	RSA-CRT-0800-01
	INTERNATIONAL PERSONNEL CERTIFICATION SCHEMES				Revision	4
	Scheme	Nondestructive Testing in accordance with ISO 9712			Page	
					Effective Date	30 th July 2025

b. The maximum time allowed for parts D, E and F examinations are as follows:

- i. Part D, sixty (60) minutes
- ii. Part E, sixty (60) minutes
- iii. Part F, one-hundred-twenty (120) minutes.

Table 2: Minimum Required Number of Main Method Examination Questions

Part	Subject	Number of Questions
D	Level 3 knowledge relating to the test method applied.	30
E	Application of the NDT method in the sector concerned, including the applicable codes, standards, specifications and procedures. This may be an open book examination in relation to codes, standards, specifications and procedures.	20
F	Drafting of one or more NDT procedures in the relevant sector. The applicable codes, standards, specifications and other procedures shall be available to the personnel. For personnel who have already drafted an NDT procedure in a successfully passed Level 3 examination, the drafting may be replaced with the critical analysis of an existing NDT procedure covering the relevant method and sector and containing errors and/or omissions.	—

 200901009799 (852807W)	Document Type	CERTIFICATION SCHEME	QM Level	2	Document Number	RSA-CRT-0800-01
	INTERNATIONAL PERSONNEL CERTIFICATION SCHEMES				Revision	4
	Scheme	Nondestructive Testing in accordance with ISO 9712			Page	
					Effective Date	30 th July 2025

3.0 RE-EXAMINATION

3.1 Candidates disqualified due to unethical behaviour must wait a minimum of twelve (12) months before reapplying. For “Limited Certification”, NDT Instruction Writing is not required.

3.2 Candidates who fail one or more parts of an examination (e.g., general, specific, practical) may retake the failed portion no more than twice, subject to the following conditions:

- a. A minimum waiting period of one month applies, unless additional training approved by the Certification Department has been successfully completed.
- b. Re-examinations must be taken within two (2) years of the initial examination.

3.3 A candidate failing two re-examinations on one or more elements shall complete further training, acceptable to RSA, and be required to retake all examination elements.

3.4 The grading of the NDT Instruction Writing Examination shall be based on Table 3.

 200901009799 (852807W)	Document Type	CERTIFICATION SCHEME	QM Level	2	Document Number	RSA-CRT-0800-01
	INTERNATIONAL PERSONNEL CERTIFICATION SCHEMES				Revision	4
	Scheme	Nondestructive Testing in accordance with ISO 9712			Page	
					Effective Date	30 th July 2025

Table 3: Grading of Level 2 NDT Instruction Writing Examination

NDT instruction writing (Level 2 candidates)	Level 2
a) foreword (scope, reference documents),	5
b) personnel,	5
c) equipment/media to be used,	5
d) product (description or drawing, including area of interest and purpose of the test),	10
e) test conditions, including preparation for testing,	10
f) detailed instructions for application of the test, including setting,	40
g) recording and classifying the results of test, and	20
h) reporting the results.	5
Total Grade for NDT Instruction Writing Examination	100%