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1.0 PRE-REQUISITE

- 1.1 Applicants for IPCS certification in NDT shall have sufficient education and experience to ensure qualification in those NDT methods in which they are being considered for certification.
- 1.2 Documentation of prior certification may be used as evidence of qualification for comparable levels of certification.
- 1.3 Applicants are required to submit documentation that includes a complete record of their education, relevant work, and employment history. The documentation shall include:
 - a. An education background with relevant supporting documents.
 - b. A list of all relevant employers, including contact information where available.
 - c. Details of the work performed, dates of employment, and responsibilities.
 - d. A letter of verification from the employer or client.
- 1.4 All submitted education, work, and employment documentation is subject to verification by the Certification Department. Submission of false information will result in rejection of the application and may disqualify the applicant from testing for IPCS NDT Level 1, Level 2, or Level 3 certification.
- 1.5 Table 1 specifies the required hours of experience that must be met as a prerequisite for applications at NDT Level 1 and Level 2.
- 1.6 Table 2 specifies the required education and experience that must be met as a prerequisite for applications at NDT Level 3.

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- 1.7 One training day shall consist of a minimum of seven (7) hours, which may be completed in a single day or accumulated over multiple sessions. A maximum of twelve (12) hours may be credited in any one day. Experience in days shall be calculated by dividing the total accumulated hours by seven (7).

2.0 TRAINING

- 2.1 Applicants must provide documentary evidence, acceptable to RSA, confirming successful completion of training in the NDT method and level for which certification is being sought, in accordance with the requirements of Table 3 and Table 4.
- 2.2 Training may consist of instructor-led courses, personalized instruction, virtual instructor-led sessions, computer-based training, or web-based training. For computer-based and web-based training, hours and training content must be tracked, and applicant examinations must be conducted in accordance with Section 2.1.
- 2.3 Training shall be sufficiently structured and organized to ensure that applicants are thoroughly familiar with the principles and practices of the specified NDT method at the level of certification desired, as well as with the processes to be applied and the products to be tested.
- 2.4 Guidelines for NDT applicant training syllabuses are given in *ANSI/ASNT CP-105: ASNT Standard - Topical Outlines for Qualification of Non-destructive Testing Personnel*.

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Table 1: NDT Level 1 and Level 2 Experience Requirements

NDT Qualification			Required Experience in Hours							
Method	Technique	Limited	Level 1		Level 2					
			From Trainee		From Level 1		Direct Access		From Level 2 Base Method/Technique	
			In Method /technique	In NDT	In Method /technique	In NDT	In Method /technique	In NDT	In Method /technique	In NDT
AT			210	400	630	1200	840	1600		
ET			210	400	630	1200	840	1600		
	ECT		210	400	630	1200	840	1600	315	600
	RFET		210	400	630	1200	840	1600	315	600
	ACFM		210	400	630	1200	840	1600	315	600
GPR			60	120	420	800	480	920		
GW			240	460	240	460	480	920		
LT			3	15	35	80	38	95		
	LTP		105	200	280	530	395	730	245	450
	LTH		105	200	280	530	395	730	245	450
	LTM		280	530	420	800	700	1330	385	720
PT			70	130	140	270	210	400		
MFL			70	130	210	400	280	530		
	MFLT		70	130	210	400	280	530	105	200
MT			70	130	210	400	280	530		
RT			210	400	630	1200	840	1600		
	CR		210	400	630	1200	840	1600	315	600
	DR		210	400	630	1200	840	1600	315	600
		RTFI			220		220			
		RTDI			220		220			
TT			210	400						
	TTM				1260	1800	1470	2200	630	735
	TTE				1260	1800	1470	2200	630	735
	TTB				1260	1800	1470	2200	630	735
UT			210	400	630	1200	840	1600		
	TOFD								320	
	PAUT								320	
	IRIS								320	
		UTLC			90		175			
		UTTM			90		175			
		UTBC			90		175			
VA			420	800	1680	2400	2100	3200		
VT			70	130	140	270	210	400		

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Table 2: NDT Level 3 Experience Requirements

No.	Education	Required Experience	
		In Method/Technique	Advance Experiences Beyond Level 2 in Method/Technique
1	Have a bachelor's degree (or higher) in engineering or science	Sum of Level 1 and Level 2 experiences in Table 2	1 year
2	Have a diploma in engineering or science	Sum of Level 1 and Level 2 experiences in Table 2	2 years
3	None	Sum of Level 1 and Level 2 experiences in Table 2	4 years

3.0 INDUSTRIAL EXPERIENCE

3.1 For all levels, experience in accordance with Section 1.0 may be sought following successful examination, the results of the examination shall remain valid for five years after examination.

3.2 Documentary evidence of experience shall be confirmed by the employer and submitted to RSA.

4.0 VISION REQUIREMENTS

4.1 Requirements

4.1.1 The applicant shall provide documentary evidence of satisfactory vision in accordance with the requirements described in Sections 4.2 through 4.4 below.

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4.2 Administration

4.2.1 Vision examinations shall be conducted by a licensed physician, nurse, ophthalmologist, or optometrist; alternatively, they may be administered by another trained professional who has been approved and documented by an NDT Level 3 personnel acting on behalf of the employer. Tests of near visual acuity must be performed at the time of initial certification and annually thereafter, with results verified by the employer.

4.3 Near-Vision Activity

4.3.1 The examination shall confirm that the applicant has natural or corrected near-distance vision in at least one eye sufficient to read, at not less than 30 cm, a minimum of Jaeger Number 1, Times Roman N4.5, or equivalent letters (with a character height of 1.6 mm).

4.4 Colour Contrasts Differentiation

4.4.1 The examination shall verify the applicant's ability to distinguish and differentiate between colours or shades of grey used in the applicable NDT method, as defined by the employer. The test must either confirm that the individual possesses acceptable colour vision without restriction or clearly state any limitations in colour perception.

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Table 3: NDT Level 1 and Level 2 Training Requirements

NDT Qualification			Required Training in Hours						
Method	Technique	Limited	Level 1		Level 2				
			From Trainee		From Level 1	Direct Access		From Level 2 Base Method/Technique	
			In Method /technique	Radiation Safety	In Method /technique	In Method /technique	Radiation Safety	In Method /technique	Hardware /Software
AT			40		40	80			
ET			40		40	80			
	ECT		40		40	80		24	
	RFET		40		40	80		24	
	ACFM		40		40	80		24	
GPR			8		20	28			
GW			40		40	80			
LT			2		4	6			
	LTP		24		16	40		36	
	LTH		12		8	20		14	
	LTM		40		24	64		58	
PT			4		8	12			
MFL			16		12	28			
	MFLT		16		12	28		8	
MT			12		8	20			
RT			40	16	40	80	16		
	CR		40	16	40	80	16	24	
	DR		40	16	40	80	16	24	
		RTFI			24	40			
		RTDI			24	40			
TT			32						
	TTM				34	66		20	
	TTE				34	66		20	
	TTB				34	66		20	
UT			40		40	80			
	TOFD							40	16
	PAUT							80	16
	IRIS							40	16
		UTLC			16	24			
		UTTM			16	24			
		UTBC			16	24			
VA			24		72	96			
VT			8		16	24			

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Table 4: NDT Level 3 Training Requirements

Education	Required Training		
	Level 1 and Level 2 in Method (Each Method)	Level 3 Basic NDT (Only Once)	Level 3 Method (Each Method)
All	Sum of Level 1 and Level 2 training hours in Table 4	16 hours	16 ours