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ANSA TRAINING & QUALITY ASSURANCE PVT LTD
(ATO / AEC of RTC)

EN ISO 9712:2012 Level 3 INFORMATION PACKAGE

**Hearty Welcome from
ANSA Training & Quality Assurance Pvt Ltd**



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Dear Candidates,

ANSA Training & Quality Assurance Pvt Ltd (ATQAPL) welcomes you to our versatile Qualification program for NDT Personnel Grade Level 3 which conform to EN ISO 9712.

We are proud to announce that our **AQB, ANSA WENS QUALITY ASSURANCE (S) PTE LTD (AWQA)** are the very first AQB in Asia pacific region to deliver the examination in compliance with ENISO9712:2012. **Please note that the new standard ISO9712:2012 supersedes both EN473:2008 & ISO9712:2005**, ATQAPL will only deliver to the current standard.

Our Certification body (CB) is **RTC Testing & Diagnostics, Russia** which is **accredited by UKAS bearing Cert No: 0278**, refer to www.ukas.org for scope of accreditation.

Our certification is accepted globally as our CB is part of ICNDT and EFNDT MRA Schedules.

Certification system in Non-destructive testing according to ISO9712 is the most spread system of personnel qualification and certification for those who perform non-destructive testing (NDT) in industry.

With overwhelming spreading of NDT certification issued by various employers, Our ISO 9712 PROGRAM IS STRIVING TO BRING OUT THE WIDELY ACCEPTED QUALIFICATION AT AFFORDABLE COST.

We are glad to provide you with more detailed information about the Qualification & Certification in this package. And please don't hesitate to contact us for any further enquiry:

**ANSA TRAINING & QUALITY ASSURANCE PRIVATE LIMITED,
12/3, 2nd Cross Street, 1st Main Road, Natesan Nagar, Virugambakkam
Chennai- 600092**

Ph: +91-9500073324 / +91-9176261976

Web: www.ansacertification.co.in / www.ansaholdings.org

Email: kumaran@ansagroup.org / astqa@ansandt.com

Integrity and Commitment is our Strength. Your bright future is our concern.

Yours Sincerely,

K. KUMARAN ISO 9712/ASNT NDT Level 3
Managing Director / Head ATO



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Introduction:

Candidates wish to apply for ISO 9712:2012 shall meet the prerequisite required for qualification. Each candidate shall fill relevant examination form & shall get endorsement for his practical experience, He / She shall undergo visual examination administered by Registered practitioner and shall be done annually in standard format provided by the examination centre.

Pre-Certification Experience

Industrial NDT experience in the applicable method and field of application, which leads to the acquisition by an ISO 9712 candidate of the required skill and knowledge, is to be gained and recorded prior to the award of certification by this program. In the event that a false statement is made concerning pre-certification experience, any certification awarded as a result will be null and void.

Required Experience at Level 3 Level

The candidate shall have had regular practical experience in the application of the NDT method and this will include a specified period of recorded practical work on site or in works under certified supervision.

Table 1:

NDT Method	Level I (Months)	Level 2 (Months)	Level 3(Months) *
VT	1	3	12
MT	1	3	12
PT	1	3	12
UT	3	9	18
RT	3	9	18
ET	3	9	18

Note 1: Work experience in months is based on a nominal 40hours per week, If any individual working in excess of 40h per week may be credited with experience based on the total hours, but shall be required to produce documentary evidence of this experience.

Note 2: For Level 3 certification, the intent of this document is that work experience consists of time as a Level 2. If the individual is being qualified directly to Level 3, with no time at Level 2, the experience shall consist of the sum of the times required for Level 2 and Level 3

Note 3: Credit for work experience may be gained simultaneously in two or more of the NDT methods covered by this document, with the reduction of total required experience in each method as follows:

- two testing methods - reduction of total required time by 25%
- three testing methods - reduction of total required time by 33%
- four or more testing methods - reduction of total time by 50%

* Level III candidates who completed successfully technical school or at least two years of engineering or science study at an accredited college or university. In the event that is not the case the experience has to be multiplied by 2.



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PRE-CERTIFICATION EMPLOYMENT, ON-THE-JOB TRAINING & EXPERIENCE

On-the-job training in the applicable NDT method and field of application can be carried out to supplement classroom and practical training covered under this ISO 9712 scheme. Personnel gaining experience to meet the ISO9712 requirement for certification must do so under the supervision of appropriately certified personnel. Such training and experience must be documented and authenticated.

Trainings Level I and II

To be eligible for Level III examination, candidates must have successfully completed, prior to making application for examination, an ISO 9712 validated training course, which covers the relevant syllabus (e.g. ISO / TR 25107)

Minimum Training Duration is listed as below:

NDT Method	Level I (hours)	Level 2 (hours)	Level 3 (hours)
VT	16	24	24
MT	16	24	32
PT	16	24	24
UT	40	80	40
RT	40	80	40
ET	40	48	48
Basic knowledge (direct access to level 3)			80

Note 1: Direct access to level 3 implies the total hours for Level 1, Level 2 & Level 3

Note 2: Training hour for UT Lamination testing / Ultrasonic Thickness Testing will be reduced to 50%

Note 3: Training hours for RTFI shall be reduced to 56hrs.

Note 4: Training duration for Level 3 may be reduced by up to 50% when the candidate is a certified level 2 in the method (RT & UT).

Note 5: Candidates with the basic qualification of Diploma in Engineering / Bachelor of Science (Minimum 2 years of study) / Bachelor of Engineering (Minimum 2 years of study) shall be eligible for 50% reduction in Training hours

Note 6: Candidates qualified with M Tech NDT shall gain 50% reduction in Training hours for Level 3



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EXAMINATION REQUIREMENTS FOR LEVEL 3

Practical Examination

1. All candidates for level 3 certification in any NDT method shall have successfully completed (with a grade of $\geq 70\%$) the practical examination for level 2 in the relevant sector and method including drafting of written instructions for level 1.
2. A Candidate who is level 2 in the same NDT method and product sector or has successfully passed a level 2 practical examination for the NDT method in an industrial sector is exempt from passing again the level 2 practical examination.
3. Candidates holding valid ASNT Level III/ACCP Level III shall complete the requirements of Practical Examination for level 2 as mentioned in clause 1 above
4. Candidates holding valid PCN Level II / CSWIP Level II / Level II from European MRA Certification bodies are exempted for practical examination for that product sector/industrial sector on the method as applicable in clause 2.

Basic Examination:

Basic examination is divided into three sections

1. Part A: Technical knowledge in material science and process technology; 25 Questions
2. Part B: Knowledge of the certification body's qualification and certification system based on this European Standard: 10 Questions
3. Part C: General Knowledge of at least four methods as required for level 2 and chosen by the candidate from the methods RT,UT,MT,PT, VT which shall include at least one volumetric method (UT or RT) :15 for each method (60 questions)
4. Basic examination booklet shall consist of at least 95 questions.
5. Candidates holding valid ASNT Level III / ACCP Level III, are exempted from Part A & Part C for Basic examination, & shall appear for Part B examination.

Main Method Examination:

Main method examination is divided into three sections

1. Part D: Level 3 knowledge relating to the test method applied : 30 Questions
2. Part E: Application of NDT method in the sector concerned, including the applicable codes, standards and specification. Part of the examination covering codes, standards and specifications are open book examination. : 20 Questions
3. Part F: Drafting of one or more NDT procedures in the relevant sector. The applicable codes, standards and specifications shall be available to the candidate.
4. For a candidate who has already drafted an NDT procedure in a successfully passed level 3 examination, the certification body may replace the drafting of a procedure with the critical analysis of an existing NDT procedure covering the relevant method and sector , and containing errors and / or omissions
5. Candidates holding valid ASNT Level III / ACCP Level III are exempted from Part D on the method concerned.

For all Parts of examination, the candidate shall obtain a minimum grade of 70%.



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Vision Requirements

Candidates for ISO 9712:2012 scheme examinations will be required, on the day of the examination, to provide proof of a satisfactory vision test conducted within the 12 months preceding the examination.

The requirements for color perception and acuity of vision, together with the qualifications of those administering the vision tests, are fully defined in ISO 9712:2012 standard, which includes a form for recording the results of vision tests. The requirements are reproduced below for ease of information

Near vision acuity shall permit reading a minimum of Jaeger number 1 or Times Roman N4 letters at not less than 30 cm with one or both eyes, either corrected or uncorrected;

Color vision shall be sufficient that the candidate can distinguish and differentiate contrast between the colors used in the NDT method concerned as specified by the employer.

NOTE: Subsequent to certification, the documented tests of visual acuity should be carried out at least every twelve months.

In house Rules:

AWQA examination centers will provide all necessary NDT equipments for use in examination.

All necessary reference standards will be provided by the examination centers. Candidates must not be in possession of any reference documentation, other than that provided by the examiner, during the examination.

The use of a non-audible pocket calculator is permissible in examinations provided that it is of a type that does not permanently store programs, formulae or data relevant to NDT.

Translation dictionaries other than electronic type are permitted to use during examinations.



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ACCOMMODATION DETAILS

Candidates can choose the nearby Accommodation based on their budget

1. DM Travellers INN

Address: Bus Stop, No 1A/22, Near, 1st Main Road, Chinmaya Nagar, Chennai, Tamil Nadu 600092

Phone: 080562 41439

2. GRACE GUEST HOUSE

Address: ICICI Bank, Door #146, Ayyappa Nagar Main St, Chinmaya Nagar, Chennai, Tamil Nadu 600092

Phone: 080866 66244

3. THE GREAT EMPIRE HOTEL

Address: No 6, Kali Amman Kovil Street, Koyambedu, Chennai, Tamil Nadu 600107

Phone: 044 6454 1235

4. MARS GUEST HOUSE

Address: 14, Arcot Rd, Kosapet, Porur, Chennai, Tamil Nadu 600116

Phone: 044 4286 7216

Proximity

1. Koyambedu Central Bustand – 1.5 kms
2. Arcot Road – 2 kms
3. Chennai Domestic Airport / International Airport – 16 kms
4. Chennai Central Railway Station – 12 kms
5. Egmore Railway Station – 11 kms



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Code of Ethics

Individuals certified according to this ISO 9712 Scheme must recognize that personal integrity and professional competence are the fundamental principles on which their testing activities are found. Accordingly, it is a condition of this ISO 9712 certification that certificate holders shall undertake to:

1. comply with this code of ethics;
2. pursue their professional discipline and activities in al spirit of fairness to all concerned - employer, employees, customers and competitors – consistent with the high ideal of personal honour and integrity;
3. perform their work in the highest professional manner, protecting the life, safety and health of their associates and of the general public;
4. undertake only those non-destructive testing assignments for which they are competent by virtue of their training, qualification and experience;
5. only sign documents for work of which they have personal professional knowledge and/or direct supervisory control;
6. engage, or advise the engagement of , such specialists as are required to enable assignments to be properly completed;
7. at all times, be aware of and uphold the provisions/requirements of codes, regulations and standards under which they are working;
8. avoid conflicts with interest with the employer or client, but when unavoidable, forthwith disclose the circumstances to the employer or client;
9. treat as confidential their knowledge of any business affairs or technical information of employers, clients or customers and to make no disclosure of such information without their express consent;
10. strive to maintain their proficiency by updating their technical knowledge as required to properly practice NDT in the certified methods and levels;
11. indicate to the employer or client any adverse consequences which may result from an overruling of their judgment by a non-technical authority;
12. not falsify nor permit misrepresentation of their own or their associate's academic or professional qualifications, training, experience or work responsibilities;
13. refrain from making unjustified statements or from performing unethical acts which would discredit the ISO 9712 Scheme;
14. inform their employer in the event that their ISO 9712 certificate is suspended, cancelled or withdrawn.

CANDIDATE’S STATEMENT CONFIRMING COMPLIANCE WITH CODE OF ETHICS & UNDERSTANDING OF INFORMATION PACKAGE

CANDIDATE’S FULL NAME (in block letters): _____

I have read and understand the Information Package & above CODES OF ETHICS and hereby confirm that in the event that I should be awarded ISO 9712 certification, I agree to comply with the Code of Ethics.

Signature: _____ Date: _____