



ISO 9712 Level 1, 2 & 3 INFORMATION PACKAGE

Hearty Welcome from

**ANSA Training & Quality Assurance
Pvt Ltd**



Dear Candidates,

ANSA Training and Quality Assurance Private Limited welcomes you to our versatile Qualification program for NDT Personnel Grade Level 1, 2 & 3 which conform to SGNDT Scheme.

We are proud to announce that we were one of the earliest institute to deliver the examination in compliance with EN ISO 9712:2021.

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

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

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

ANSA Training & Quality Assurance Pvt. Ltd. (GROUP OF ANSA HOLDINGS, SINGAPORE)

62B/1, 3rd Floor, B Wing, 9th Street, North Phase, Pattaravakkam, SIDCO Industrial Estate, Ambattur, Chennai, Tamil Nadu 600098

Contact: +91-9176261976 / +91-9500073324

Email: kumaran@ansagroup.org

Web: <https://ansacertification.co.in>

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

Yours Sincerely,

Kumaran Kannan
Managing Director

1. Introduction:

Candidates wish to apply for NDTSS 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 center.

2. Pre-Certification Experience

Industrial NDT experience in the applicable method and field of application, which leads to the acquisition by an NDTSS 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.

3. Level 1 and Level 2

The applicant is required to have had a period of experience relevant to the certification sought in addition to any experience gained during training courses, such as practical training time. The applicant is required to produce evidence of experience and to complete the “Record of NDT Experience” on the application form. The experience requirements for the relevant methods and levels of certification are given in ISO 9712.

4. Level 3

Level 3 responsibilities require knowledge beyond the technical scope of any specific NDT method. This broad knowledge may be acquired through a variety of combinations of education, training and experience. The table below details minimum experience for candidates who have successfully completed a technical school or at least two years of engineering or science study at an accredited college or university. If this is not the case, the duration has to be multiplied by a factor of 2.

5. Possible reductions

The possible reductions in duration of experience are as described hereafter, provided that, when several reductions are applicable, the total reduction does not exceed 50 % of the experience duration. Any reduction shall require acceptance by the NDTSS.

Experience reduction due to Qualification/Education

For Level 2 certification, work experience consists of time as a Level 1 & Level 2. No reduction in the period of experience based on educational attainment shall be allowed for Level 1 & Level 2. The level and quality of education possessed by the candidate should be considered for Level 3

Experience reduction due to scope of work, complementary and simultaneous experience

- When gaining experience simultaneously in two or more surface NDT methods, i.e. MT, PT and VT, the experience gained in the application of one NDT method may be complementary to the experience gained in one or more other surface methods.
- Experience in one sector of an NDT method for which certification is already held may be complementary to the experience in a different sector of the same NDT method.
- When the candidate is seeking certification in more than one method, the total time of experience shall be the sum of the experience in each method.
- A certified Level 1, 2 or 3 adding an additional method may be permitted a reduction of

required experience of 25 % for that additional method.

- A certified Level 1, 2 or 3 individual changing sectors, adding another sector or technique for the same NDT method shall be required to gain additional experience of at least 25 % of the experience required in above table; and this shall never be less than 15 days in duration.
- When the scope of certification sought is limited in application (i.e., thickness measurement or automated testing), experience duration may be reduced by up to 50 % but shall not be less than 15 days.
- In addition to the above requirement for experience hours, candidates seeking Radiographic Testing, they shall hold a local regulatory certificate and approved to operate X-rays or Gamm Radiography equipment. RT Level 2 or Level 3 certification will be required to show evidence of having satisfactory experience in Radiographic Interpretation.

6. MINIMUM NDT TRAINING AND EXPERIENCE

NDT Method	Level 1		Level 2		Level 3	
	Training (days)	Total Experience (days)	Training (days)	Total Experience (days) Direct Access	Training (days)	Total Experience (days) (Higher Education/Grammar School)
Eddy Current Testing (ET)	5	45	6	180	6	270/450
Magnetic Testing (MT)	3	15	2	60	4	180/240
Penetrant Testing (PT)	3	15	2	60	3	180/240
Radiographic Testing (RT-F)	5	45	10	180	5	270/450
Computerised/Digital Radiography (RT-D/RT-CT)	5	+15	5	+45	5	+70/150
Ultrasonic Testing (UT)	8	45	10	180	5	270/450
Phased Array (PAUT)	5	+15	5	+45	5	+70/150
TOFD	5	+15	5	+45	5	+70/150
Visual Testing (VT)	3	15	2	60	3	180/240

One day duration is at least seven hours, which can be achieved on a single day or by accumulating hours. The maximum allowable hours in any one day is 12 hours. Experience in days is achieved by dividing the total accumulated hours by 7.

Candidate for Level 3 (direct access) who doesn't have valid ISO 9712 Level 2 should have double the experience and approved only for higher education.

If the experience record is issued in months, 20 workdays per month will be recognized.

Note 1: Direct Access to Level 2 or Level 3 would require total training days including of Level 1, Level 2 as applicable.

Note 2: Experience at level 2 & 3 includes the number of days at Level 2 and Level 1.

Note 4: A prerequisite for Ultrasonic Testing Phased Array or Ultrasonic Testing TOFD Level 2 is Ultrasonic Testing level 2 (ISO9712). A prerequisite for Ultrasonic Testing Phased Array or Ultrasonic Testing TOFD Level 3 is Ultrasonic Testing level 3 (ISO9712).

Note 4: Training hour for Digital/CT is based on existing Film certification. Direct access is acceptable provided training hour shall follow 9712:2021 requirements.

7. Vision Requirements

For all levels of certification, the applicant is required to produce documented evidence from an optometrist, or other competent person, of compliance with ISO9712.

Near vision acuity shall permit reading a minimum of Jaeger number 1 or Times Roman N4.5 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.

8. In house Rules:

ANSA Training and Quality Assurance Private Limited center will provide all necessary NDT equipment's for use in Training.

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.

9. Provisions:

Candidates will be provided with tea in the morning and Evening. Candidates have to arrange for their lunch on their own.

Candidates will receive Course Notes, handbook, stationery and learning equipment upon arrival.

Candidates will be briefed about safety equipment / emergency exits upon arrival.

10. Safety and precautions:

Before you can use equipment and machines or attempt practical work in the practical room, you must understand basic safety rules. These rules will help keep you and others safe.

- Do not enter Practical room/specimen room/Examiner area without permission.
- Keep the practical room clean and tidy at all times.
- Trainees with any health problems that may affect workplace safety (e.g. medication, epileptic fits)
 - must report these conditions to the training staff
- No food or drink in the practical/training room.
- Always seek instructions before using an unfamiliar piece of equipment
- Only use tools and machines for their intended purpose.
- Never distract the attention of another member while that member is operating equipment.
- Wear the correct protective equipment (Leather gloves for lifting heavy samples and protective goggles)
- Always wear an apron as it will protect your clothes and hold loose clothing such as ties in place.

- Long hair needs to be restrained by either a tie or a hat.
- Wear protective and strong shoes in the practical room. Slippers/sandals are not suitable.
- Remove rings and loose jewelry before operating machinery they can be a hazard.
- Bags should not be brought into the practical room as people can trip over them.
- Always listen carefully to the trainer and follow instructions. Ask questions, especially if you do not fully understand.
- Know where the exit points/assembly points/eye-wash station and first aid supplies are located in case of an emergency (briefing will be given before the start of training).
- Report any damage to machines/equipment as this could cause an accident.

11. Safety PPE (Personal Protective Equipment)

The candidates are requested to bring their own Safety Clothing (coverall), Protective footwear for practical parts of the course.

12. Schedule and Fee Structure

The fee structure will be sent on request to the candidate. Once the course is confirmed, an invoice will be issued to the candidate so that the payment can be made either through Online Banking/Cheque before the course starts.

A course schedule and timing will be sent to the candidate upon receiving the payment.

For further information,

Please contact + 91-9176261976 / +91-9500073324 OR kumaran@ansagroup.org / infoin@ansandt.com for course schedules and fee structure.

13. Hotel and Transportation

RECOMMENDED HOTEL ACCOMMODATION				
SQ#	HOTEL NAME	HOTEL ADDRESS	HOTEL RATES	DIST
1	Hotel Radha Regent	171, Jawaharlal Nehru Rd, Annai Sathya Nagar, Arumbakkam, Chennai, Tamil Nadu 600106	Rs. 4,500 – Rs.6,500(Based on Average Rates for a Standard Room)	Hotel Radha Regent is 15 - 20 minute taxi ride to ATQAPL. At around 7.5 Km distance from ATQAPL
2	Amrita Inn	2pc/5, Mugappair West, Opp. to J.J. Bus Depot,, Chennai, Tamil Nadu 600037.	Rs. 1,000 – Rs.1,500(Based on Average Rates for a Standard Room)	Amrita Inn is 8 - 10 minute walk to ATQAPL. At around 2 Km distance from ATQAPL.
3	Nestlay Rooms	Third Main Rd, TNHB Phase I, Nolambur, Ambattur Industrial Estate, Chennai, Tamil Nadu 600037	Rs. 1,500 – Rs.2,500(Based on Average Rates for a Standard Room)	Nestlay Room is 5 - 8 minute taxi ride to ATQAPL. At around 2 Km distance from ATQAPL
4	Cristal Residency	PC20,Bus stand main road, Mogappair West, Chennai, Tamil Nadu 600037	Rs. 1,000 – Rs.2,000(Based on Average Rates for a Standard Room)	Cristal Residency is 8 - 10 minute walk to ATQAPL. At around 2 km distance from ATQAPL.
5	Lucky Residency	No 137, Opposite Ambattur Estate Bus Depo, MTH Road, Padi, Chennai-600050, Tamil Nadu	Rs. 1,000 – Rs.1500(Based on Average Rates for a Standard Room)	Lucky Residency is around 1km from ATQAPL. Either take and auto or walk down.
6	KGL Grand	273, National Highway 205, Madras Thiruvallur High Rd, Periyar Nagar, Padi, Chennai, Tamil Nadu 600050	Rs. 2,500 – Rs.3,000(Based on Average Rates for a Standard Room)	KGL Grand is 8 - 10-minute taxi ride to ATQAPL. At around 2.5 Km distance from ATQAPL

***Disclaimer**

ANSA Training and Quality Assurance Private Limited is not responsible for the quality of accommodation; however, we encourage feedback from students to keep the list updated.

From Chennai AirPort**Direction to ATQAPL (BUS):**

- Bus stop located outside Airport – From airport 500m
- Take Bus with no. 70/70A
- Stop Name: Ambattur Industrial Estate
- From Ambattur Industrial Estate, you can take an auto to reach ATQAPL (less than 1 km)

OR

- METRO TRAIN
- Walk to Metro Station opposite of Airport
- Get a metro towards Central
- Get down at Tirumangalam Metro (Which is the nearest to ATQAPL)
- Walk up to Tirumangalam stop
- Take bus with no. D70
- Stop Name: Ambattur Industrial Estate
- From Ambattur Industrial Estate, you can take an auto to reach ATQAPL (less than 1 km)

OR

- Take OLA or UBER to ATQAPL (23 kms)

From Koyambedu Bus Terminal:**Direction to ATQAPL (BUS):**

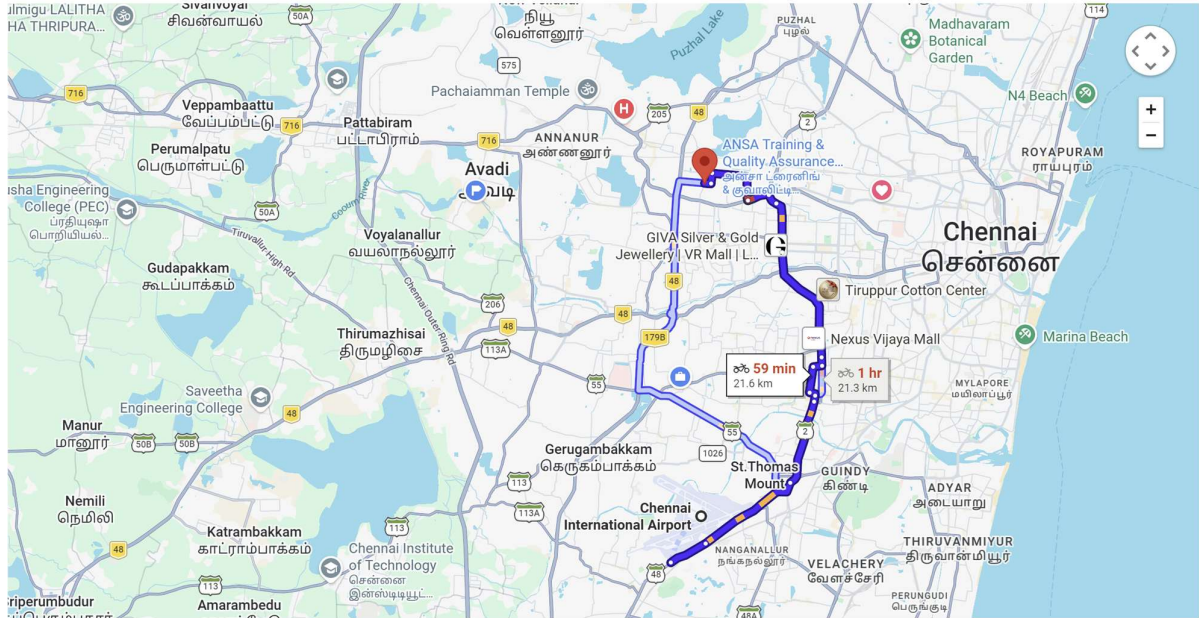
- Walk to Vijayakanth Kalyanana Mandapam stop
- Take bus with no. 77/70
- Stop Name: Ambattur Industrial Estate
- From Ambattur Industrial Estate, you can take an auto to reach ATQAPL (less than 1 km)

From Central Railway Station:**Direction to ATQAPL:**

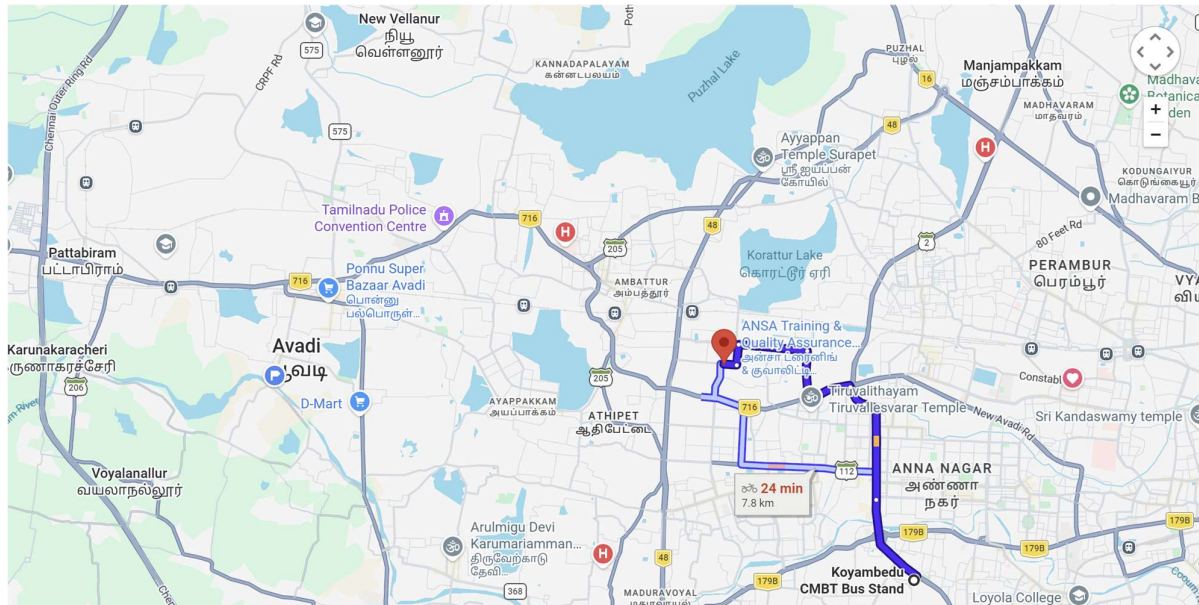
- Take a local train to Patravakkam Railway Station
- Take an auto from Patravakkam Railway station to ATQAPL (less than 2 kms)

14. Location and Map

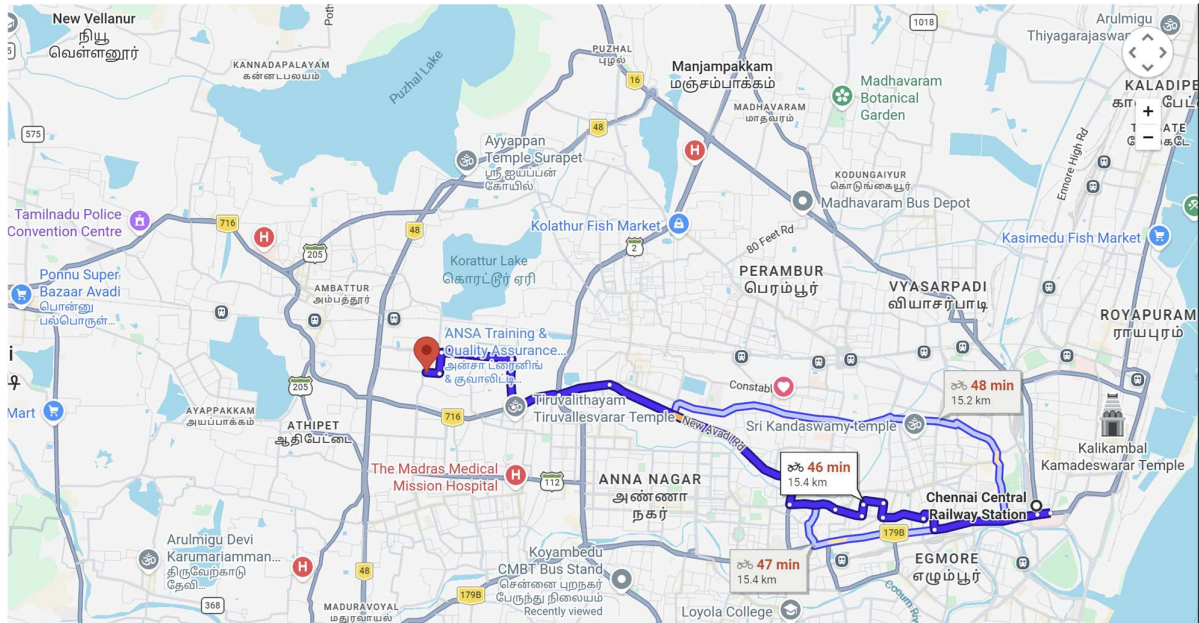
From Chennai AirPort



From Koyambedu Bus Stand



From Central Railway Station



Address

62B/1, 3rd Floor, B Wing, 9th Street, North Phase, Pattaravakkam, SIDCO Industrial Estate, Ambattur, Chennai, Tamil Nadu 600098

