

NDTS

ISO 9001:2008 Certified Company



Non Destructive Testing (NDT)

TRAINING & CERTIFICATION

(As per IS:13805/SNT-TC-1A/ BS-EN-ISO)



What is Non Destructive Testing?

Non-Destructive Testing (NDT) is a wide group of analysis techniques used in science and industry to evaluate the properties of a material, component or system without causing damage. The terms **Non Destructive Examination (NDE), Non Destructive Inspection (NDI), and Non Destructive Evaluation (NDE)** are also commonly used to describe this technology. Because NDT does not permanently alter the article being inspected, it is a highly valuable technique that can save both money and time in product evaluation, troubleshooting, and research. Common NDT methods include Ultrasonic, Radiographic, Eddy Current Testing, Magnetic Particle, Liquid Penetrant etc.

How it can benefit you?

NDT is not only about equipment, but even more about the professionals operating the equipment and interpreting the results. Proper training and certification is paramount to this aspect. In NDT there are three Levels (Level I, Level II & Level III) of qualification from beginner to practitioner to expert respectively.

What kind of training we provide?

We provide Level II Training & Certification in following streams:

Advanced NDT Courses

- Phased Array Ultrasonic Testing (PAUT)
- Time of Flight Diffraction (TOFD)

Conventional NDT Courses

- Ultrasonic Testing
- Radiography Testing Film Interpretation
- Magnetic Particle Testing
- Liquid Penetrant Testing
- Visual Testing
- Eddy Current Testing

Who can attend?

Fresher's or experience professional with minimum HSC or equivalent qualifications, Degree/Diploma in Engineering or Degree in Science.



Why choose NDTs?

It's vital for a training & certification centre to have the best of following:

Trainer

We have in-house well-qualified & experienced trainers who are trained in the best institutes of the world and also hold the highest Level in NDT. We also bring in the best in the industry for guest lecture in respective field. In order to give personal attention we limit our students per batch.

Equipment

We use the best equipment in the industry like Olympus OmniScan MX2, Sonatest VEO & Prisma for Phased Array & TOFD familiarization, training & certification.

For conventional courses we use Sonatest & Krautkramer Flaw Detectors, Magnaflux & Parker Yokes for Magnetic Particle Testing etc.

Test Specimens

We have invested in a bank of specimens with artificially introduced defects for our training & examination purposes. The specimens (Plates, Pipes) are of different thickness & different diameter in case of pipe and consists of defects like Lack of side wall fusion, Lack of penetration, Slag inclusion, Root crack, Center line crack, Cluster of porosity, Transverse cracks, Toe crack etc.

Course Contents

Our courses are based heavily on practical exercises, which when combined with the recording, reporting & answering of quizzes, results in the understanding of a specific syllabus segment. Up front lecturing is reduced to a minimum and the emphasis is on training to the precise, specific needs of the individual.

Corporate Training Programs

Training ensures the availability of skilled and willing workforce to an organization. It not only helps an employee in achieving his personal goals but the same employee's contribution would help an organization to meet & achieve its objectives. Hence to empower the workforce we also provide Corporate Training. These corporate trainings are conducted as per the requirements of the customer. We also have various training modules based on different industrial sectors.

Based on customer's application we provide them training in tailor made presentation which will suit them the most. We extend our support even after the training courses whenever they require any further assistance.

About Us

NDTS India was established in the year 2006 with a motive of building a professionally managed enterprise dedicated to the challenging field of Non Destructive Testing (NDT) & Evaluation. Today, we are an ISO 9001:2008 certified company and believe in striving towards a strong customer satisfaction. Our activities include:

- Sales & Distribution of NDT Products
- Providing On-site Inspection Services
- Training & Certification
- Level III Consulting Services

At NDTS India, we constantly endeavour to fulfil our customer's varied inspection needs and are deeply committed towards surpassing their expectations. We value and cherish their valuable suggestions and assistance. By virtue of our focus, core competence, a committed team of professionals and our unrelenting quest for excellence, we are fully geared to meet the current and future challenges.

A Complete **NDT** *Company*



NDTS India (P) Limited

619 & 620 The Great Eastern Galleria, Plot No.20, Sector 4, Nerul, Navi Mumbai 400 706

T: +91-22 6138 0600, 2770 3913, 2770 3923, 2772 9077 | F: +91-22 2770 3903 | E: training@ndts.co.in | W: www.ndts.co.in