



NDT CONSULTANCY AND TRAINING CENTRE

A WORLD CLASS PROFESSIONAL TRAINING & SERVICES.

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NDT CONSULTANCY AND TRAINING CENTRE.

ASNT LEVEL I & LEVEL II TRAINING AND CERTIFICATION PROGRAMME AS PER RECOMMENDED PRACTICE **SNT - TC-1A 2015**

All the NDT courses are organized and conducted seamlessly without break for the convenience of participants from all over India and abroad Team NDTCTC & BITS PVT LTD Specialized in the NDT OF ENGINEERINGS Structure, Materials and Products in all forms and are leaders in Providing world Class professional training & Certification courses on NDT & WELDING INSPECTION AND in all forms respectively.

ADVANTAGE WITH NDTCTC:

The best institute in India providing excellent interactive training sessions

Practical training on latest state of art equipment's and eminent trainers

The institute has latest and modern training centre equipped with

- a. Audio, visual power point presentations and modern training aids
- b. Fully established NDT & Material testing laboratory
- c. Accommodation inside the Institute campus

We are providing Level I, II Training and Certification as per Recommended Practice **SNT - TC-1A 2015**-in the following NDT Methods. Our Training and examination process can cover all the major NDT methods. We offer conventional and advanced NDT level 2 and Level 3 Training program in Ultrasonic Testing (UT), Magnetic Particle Testing (MT), Dye Penetrant Testing Radiography (DPT), Phased Array Ultrasonic Testing (PAUT) Time of Flight Diffraction (TOFD), Eddy Current Testing (ECT – Tube & Welds) and Radiography Film Interpretation (RTFI) level 2

ASNT Level I, II Training and Certification:

SL NO	NDT METHODS	LEVEL	SECTOR	COURSE DURATION
1	Ultrasonic Testing, (UT)	I & II	welds	80 HRS
2	Magnetic Particle Testing, (MPT)	I & II	welds	20 HRS
3	Penetrant Testing, (PT)	I & II	welds	20 HRS
4	Radiography Testing. (RT)	I & II	welds	80 HRS
5	EDDY CURRENT TESTING (ECT)	II	welds	40 HRS
6	VISUAL TESTING(VT)	II	welds	40HRS
7	PHASED ARRAY ULTRASONIC TESTING (PAUT)	II	welds	80HRS
8	TIME OF FLIGHT DIFFRACTION (TOFD)	II	welds	80HRS
9	Radiography film Interpretation. (RTFI)	I & II	welds	80HRS

NDT CONSULTANCY AND TRAINING CENTRE OFFER YOU QUALITY CONTROL TRAINING.

QUALITY TRAINING (QA/QC THEORY AND PRACTICAL TRAINING).

Our Courses are carefully designed to give inspectors the skills needed to excel. Detailed class-work and proven "hand's-on" exercises quickly bring the student to a thorough understanding of the theory and inspection concepts which leads to a higher level of competence.

If you are seeking help to maximize productivity, reduce disruptions and lower overall cost of ownership, we encourage you to attend training programs with us

We are committed to driving the right behaviours in our customer's operations.

QUALITY CONTROL COURSE CURRICULUM:

<u>QA/QC MECHANICAL</u>	<u>QC WELDING / QC PIPING</u>
1. INTRODUCTION	1. INTRODUCTION
2. ROLES & RESPONSIBILITIES OF QUALITY ENGINEER	2. CLASSIFICATION OF WELDING
3. ISO STANDARDS	3. ESSENTIALS FOR PROPER WELDING PROCESS
4. INTERNATIONAL CODES & STANDARDS	4. WELD & THEIR TYPES
5. MATERIALS	5. WELDING TERMINOLOGY
6. MATERIAL PROPERTIES	6. WELDING POSITIONS
7. MATERIAL TESTING	7. WELDING INSPECTION
8. MATERIAL INSPECTION	8. ROLES & RESPONSIBILITIES OF WELDING INSPECTOR
9. PUMP	9. PREPARATION/REVIEW OF WPS, PQR & WQT and WELDERS QUALIFICATION
10. TURBINE	10. WELDING PROCEDURE SPECIFICATION (WPS) & PROCEDURE QUALIFICATION RECORD (PQR)
11. STORAGE TANK	11. WELDER PERFORMANCE QUALIFICATION TEST (WPQT)
12. PRESSURE VESSELS	12. CLASSIFICATION OF ELECTRODES
13. DEFECTOLOGY	13. DEFECTOLOGY

Presentation of theory is easy, but the development of a top performing technician, professional or supervisor is not. We provide vast knowledge on Quality control. This step requires a thorough knowledge of the industry and an understanding of the problems faced by the people who make the industry work. Keeping this in view, our course contents are designed and developed more on practical aspects of NDT along with complete coverage on fundamentals of material science and product technology. All the courses are designed to impart practical knowledge that can be applied immediately to the outside world. These courses will provide engineers and technicians with the capability to improve their testing techniques, learn how to perform advanced tests, and helps to assure how to meet standards. From novice to an expert, courses are designed to learn more in the field of material sciences. Courses can be personalized based on the needs of specific requirements from our clients.

NDTCTC' CAPABILITIES:

Ultrasonic Flaw Detection / Ultrasonic Thickness Gauging

Liquid Penetrant Testing / Magnetic Particle Testing

Phased Array Ultrasonic Testing / Time Of Flight Diffraction

Metallurgical Tests Including Micro Structure, Macro Structure Analysis, Case Depth, Hardness Etc.,

Consultancy Services In NDT & Metallurgy

API 510/570/653/ PREPARATORY Classes

Training and Certification Of NDT Personnel As Per SNT-TC-1A

CSWIP 3.1/3.2 Welding Inspector /BGAS Painting Inspector Exam Preparatory Courses

AWS-CWI, SCWI Exam Preparatory Courses

Radiographic Testing & Interpretation

Manpower Recruitments In India & Overseas NDT / Welding/ Engineers/ Inspectors.

Ultrasonic Testing Of T, K, Y Joints PREPARATORY Classes

BGAS/ NACE / PAINTING / COATING PREPARATORY Classes

TRAINING VENUES:

OUR TRAINING CENTRES ARE LOCATED AT

INDIA

Head Office:

➤ **Andhra Pradesh:**

61-1-43 Opp;- HPCL "C" GATE RamaKrishnaPuram, Visakapatnam-530011

KINGDOM OF SAUDI ARABIA

➤ **AL-KHOBAR**

TELENGANA:

➤ **HYDERABAD BRANCH:**

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UTTAR PRADESH

➤ **MORADABAD BRANCH**

19 CIVIL LINES, BANGA GAON CHURAHA, NEAR PRATHAMA BANK MORADABAD 24400

In addition, we can conduct training programs at client's venue across India and abroad as well subject to availability of sufficient strength of participants.

For more information call us or email us your queries.

For Online Course Registration log on to: www.ndtctc.com

CALL & WHATSAPP: +91 9676361656

Email: admin@ndtctc.com

LATEST UPDATES:

COMING SOON:

NDTCTC BRANCH IN NEPAL