

# NDT & Welding Engineer Training for Professionals

## Shape Your Success



## OUR SERVICES

- NDT Training (RT / UT / MT / MT / VT)
- Welding engineer training
- Inspection services
- WPS and Welder Qualification



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*Accelerate your carrier*

# NDT Courses Level - I & Level - II

## Radiographic Testing

RT method used to inspect the internal structure of materials, components, or welds using X-rays or gamma rays. It reveals defects, discontinuities, or anomalies that may not be visible to the naked eye, aiding in quality assurance and safety assessments in various engineering applications.

## Ultrasonic Testing

Ultrasonic testing is like using special sound waves to check if there are any hidden problems inside things like metal. It helps us find cracks, holes, or weak spots without damaging the material.

## Magnetic Particle Testing

Magnetic particle testing is a way to check metal parts for cracks and defects. This helps engineers find potential problems in metal parts before they become bigger issues.

## Penetrant Testing

Penetrant testing is a method to find tiny cracks or defects on the surface of metal parts. It's like using a highlighter to find small problems on a paper. This helps engineers ensure that metal parts are free from hidden flaws that could cause problems later on.

## Visual Testing

Visual testing in engineering is simply looking at something closely to check if it's okay. Engineers visually inspect materials, components, or structures for any visible signs of damage, cracks, corrosion, or other defects.

## Welding Engineer Training

Welding training is essential for engineers to master the techniques needed for precise metal joining, ensuring structural integrity and safety compliance. It equips them with the skills to create durable welds, troubleshoot issues, and uphold quality standards, contributing to the success and reliability of engineering projects. Basic knowledge of standards.

## Inspection services

Elite Inspection is involved in performing the inspection services, which involves the NDT of the welds i.e. Ultrasonic testing, Radiography testing, Magnetic Particle Testing, Penetrant testing and Visual Testing. We have qualified welding engineers who performs the activities as per international standards.

## WPS and Welder Qualification

Elite Inspection is involved to get qualify the Welding Procedure Specifications as per international standards i.e. ASME Sec IX, AWS D1.1, API 11004 etc. As well as Welder qualification tests as per international standards. We have the certified welding Inspectors to perform these activities.

***Enquire today to Success Tomorrow***