



"Workshop on “Non Destructive Testing and its Methods”

Task

To enlighten the students on Non Destructive Testing techniques vast and obscure field by providing a brief introduction and hands on experience on the equipment used.

Arena

"JIECO Institute of Non Destructive Testing (NDT) & Welding" is an ISO 9001:2008 certified organization to provide training, qualification and certification in the field of NDT and other inspection Methods. Their training and certifications are recognized by International Bodies like ASNT, BINDT & ISNT which can make safe and sound career foundation along with present qualification of the candidates.

Machine Specifications

Magnetic Particle Testing:

- *A seminar explaining basic concepts involved in MPT.*
- *A practical Demonstration of MPT involving real defect detection.*
- *Involving students for conducting practical on defective samples.*

Liquid Penetrant Testing:

- *A seminar explaining basic concepts involved in LPT.*
- *A practical Demonstration of LPT involving real defect detection.*
- *Involving students for conducting practical on defective samples.*

Ultrasonic Testing:

- *A seminar explaining basic concepts involved in UT*
- *Slides and videos showing actual defect detection.*
- *Practical Demonstration of UT involving defect detection.*

Event Rules

UT is a volumetric method of defect detection. Defect is not visible by naked eye and is detected by interpreting images from machine. So, it is not possible for students to understand complete practical technicalities after this Quiz Examination based on these Techniques.

Judging Criteria

After 2 days completion of this workshop JIECO Company will take objective test for judging the 1st, 2nd & 3rd Positions.

Faculty Coordinator Details

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