

# CORROSION TESTING TRAINING PROGRAM

Corrosion is caused by the oxidation of a material upon reaction with environment due to moisture and other weather conditions which leads to deterioration of its quality and life. The materials that generally undergo corrosion are metals, alloys, polymers, etc.

Spectro provides training on Corrosion Testing methods which enhances theoretical as well as practical knowledge of a trainee. This program basically highlights the operations as well as the maintenance by the crew that must be taken care of.



## Objectives of the Training:

The main motive of carrying out this training program is describing what Corrosion is, its most common types and causes. The areas which are frequently hit by corrosion are pointed out. The methods to avoid and correct corrosion are acknowledged in detail. It clarifies the significance of diagnosing materials to be used before installation and the consequences of using an incompatible material.



## 6 days Training Module:

Day 1: Introduction to Corrosion and different forms of corrosion

Day 2: Introduction to Pitting & Crevice (ASTM & IS standards, apparatus, procedure)

Day 3: Explaining general Corrosion in carbon steels, corrosion in copper and aluminium alloys

Day 4: Testing of Intergranular Corrosion in stainless steels

Day 5: Hydrogen Induced Cracking Test

Day 6: Sulphide Stress Corrosion test



## Minimum Eligibility Required:

The trainee must possess a Graduation Degree or Diploma in Science field or must be pursuing the same.

## Benefits of the Training:

The training is beneficial for those who are willing to enter the manufacturing industries which use metals, minerals, alloys, etc. as raw material in which corrosion is an important parameter to be studied.

## Please Note:

- We also conduct customized training programs on request.
- The certificate will be provided only after clearing a test.



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