

Webinar For Overview Program on Basics of Metallurgy for Non Metallurgists

Date : 9th June 2020, Time: 3.00 pm to 6.00 pm

Course Features

Metallurgist play a vital role in understanding of various area in manufacturing a product i.e. Steel making, Rolling, Forging, Welding, Corrosion, Fracture mechanics, Creep etc. This introductory course provides the basic understanding of Metallurgy which could be useful information for the Non Metallurgists.

Course Objectives

This course help understand basics of Metallurgy, Mechanical Properties, Behavior of material, which plays important role in most of the manufacturing activities. It is very important to have this knowledge to ensure the quality of the product is met as per your customer requirement.

Who should attend?

- ♣ QA / QC, Production, Design Engineers and Manager
- ♣ Representatives of Inspection agencies
- ♣ Representatives of Pressure Vessels, Structural steel, Forging, Castings, Plate and other Manufacturers of metal / metallic products



Course Contents

- ♣ Physics of Materials
- ♣ Principle of Physical Metallurgy
- ♣ Principle of Extraction Metallurgy
- ♣ Phase transformation (Iron-Carbon Diagram)
- ♣ Deformation behavior of Materials
- ♣ Mechanical Properties of Materials, Grain size
- ♣ Basics of Corrosion of Materials
- ♣ Basics of Heat treatment
- ♣ Basics of Welding Metallurgy

Issue of Certificate

TUV India certificate of attendance shall be issued to all the delegates attending the course.

Duration : 180 minutes (3 Hours)



Registration Fee : Rs. 1,500 + 18 % GST
Per Participant

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