

ISSDA offers 'Stainless Steel Specialist Course'

Enroll For the Online Training Programme – FREE (only for India)

We are pleased to inform you that ISSDA has launched a 'Stainless Steel Specialist Course' with the help of Australian Stainless Steel Development Association (ASSDA) & International Stainless Steel Forum (ISSF). The course is specifically designed to enhance knowledge of stainless steel, its properties, performance and uses.

The course consists of five modules (see annexure 1) with an interactive user friendly interface. It also has a multiple choice Q&A based scoring system at the end of each module. This is an internet based online course and can be done in the comfort of your home, office or anywhere in the country without any restriction of time limit.

This course serves as a valuable information guide for all stakeholders be it students, engineers, supervisors, architects, fabricators, designers or any end users of stainless steel. The course provides a standard level of knowledge and recognized level of achievement.

We hope that with your active cooperation we will be able to spread the basic knowledge of stainless steel to all in a simple but effective way.

Following are key points of this specialty course for both who offers it to its employee/student and the employee/student themselves.

Benefits for Companies

This course allows the following advantages:

- Skills participants in the benefits and limitations of stainless steel
- Upskills individuals and organisations already established in the stainless steel industry, as well as those who have little knowledge about stainless steel
- Authoritative, up-to-date reference document
- Translates into a higher level of productivity for existing and new workers by promoting a greater depth of understanding of stainless.

Benefits for Participants

- Participant gains an understanding of why they are doing what they are doing in their job.
- Completion of course at own pace and in own time.
- Certificate issued on successful completion of the course.

Details of the five modules offered are in annexure 1(attached).

Kindly write to us at nissda@gmail.com to know more about the course and how to do it or you can call us at 0124-4375501,02,03.

Regards

Rohit Kumar
Deputy Director

Module 1 : An introduction to Stainless Steels

- Section 1 : Beginnings
- Section 2 : Types of Stainless Steel (Overview)
- Section 3 : Common Stainless Steel (Part 1)
- Section 4 : Common Stainless Steel (Part 2)
- Section 5 : High Performance and other Stainless Steels

Module 2 : Stainless Steel and Corrosion

- Section 1 : The corrosion resistance of Stainless Steel
- Section 2 : General corrosion
- Section 3 : Pitting and crevice corrosion
- Section 4 : Galvanic Corrosion
- Section 5 : Intergranular corrosion
- Section 6 : Stress corrosion cracking
- Section 7 : Microbiologically influenced corrosion (MIC)
- Section 8 : Erosion corrosion

Module 3 : The Mechanical properties of Stainless Steels

- Section 1 : Introduction to mechanical properties
- Section 2 : Austenitic Stainless Steels
- Section 3 : Ferritic Stainless Steels
- Section 4 : Martensitic Stainless Steels
- Section 5 : Duplex Stainless Steels
- Section 6 : Precipitation Hardening Stainless Steels (PH)

Module 4 : Fabrication of Stainless Steels

- Section 1 : Introduction
- Section 2 : Identification, Traceability and Certification
- Section 3 : Contamination
- Section 4 : Storage
- Section 5 : Handling
- Section 6 : Processing
- Section 7 : Post-Fabrication Treatment
- Section 8 : Maintenance

Module 5 : The Metallurgy of Stainless Steels

- Section 1 : Introduction to the metallurgy of Stainless Steels
- Section 2 : Ferritic Stainless Steels
- Section 3 : Martensitic Stainless Steels
- Section 4 : Austenitic Stainless Steels
- Section 5 : Duplex Stainless Steels
- Section 6 : Precipitation Hardening Stainless Steels (PH)