

**Webinar on Overview program on AWS D1.1
(Structural Welding Code for Steel) for Welding
Procedure & Welder/ Operator Qualification
Date : 15th October 2020, Time: 2.30pm to 5.30pm**



Course Features

This introductory course provides the basic understanding and interpretation of requirements for the content of welding procedure specifications and requirements for qualification testing of welders for welding of steel structures.

Course Objectives

This course will help delegate to understand basic requirements for WPS qualification and the performance qualification in terms of tests required along with range of qualification, which they can use in day to day activities of structural steel welding.

Who should attend?

- ♣ Welding Coordinators, Welding Engineers, Welding Supervisors,
- ♣ QA/QC Personal,
- ♣ Representative of Inspection agencies
- ♣ Representative of welded structural fabricators

Issue of Certificate

Certificate of successful attendance shall be issued to all the delegates who attend entire duration of the course.

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

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Course Contents

General Requirements

- ♣ Limitations
- ♣ Definitions
- ♣ Responsibilities
- ♣ Approval
- ♣ Welding Symbols
- ♣ Joint Configuration and Details

Prequalification of WPSs

- ♣ Welding Processes
- ♣ Minimum Preheat and Inter-pass Temperature Requirements
- ♣ Limitation of WPS Variables
- ♣ Common Requirements of PJP and CJP Groove Welds
- ♣ PJP Requirements
- ♣ CJP Groove Weld Requirements
- ♣ Fillet Weld Requirements
- ♣ Post weld Heat Treatment

Qualification

A) Welding Procedure Specification (WPS) Qualification

- ♣ Weld Types for WPS Qualification
- ♣ Essential Variables
- ♣ Methods of Testing and Acceptance Criteria
- ♣ Range of qualification

B) Performance Qualification

- ♣ Type of Qualification Tests Required
- ♣ Essential Variables
- ♣ Methods of Testing and Acceptance Criteria for Welder and Welding Operator Qualification
- ♣ Range of qualification

Duration: 180 Minutes (3 Hours)



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