

Course Code CP 029

BPVC Section III Rules for Construction of Nuclear Facilities The Main Fabrication, Inspection and Test Requirements Appreciation and Interpretation Ed. 2023

(duration 24 Hours)

This course, within the framework of Section III of the ASME Code 'Rules for Construction of Nuclear Facility Components', leads participants to review and understand the main requirements for the fabrication, inspection, examination and tests of metal components (ASME Section III Division 1).

COURSE CONTENTS

After completing this course, delegates will be able to:

- Article NB-4000 “Fabrication and Installation”.
 - Welding qualification (Type and processes permitted; Requirement for welding procedure qualification; required certification / records).
 - Rules Governing Making, Examining and Repair Welds (Rules for making welded joints; Welding of attachments; Repair of weld metal defects Heat treatment / PWHT).
- Article NB-2000 “Material”.
 - Section III Examination requirement for material (plate, forging, pipes, welding consumables).
- Article NB-5000 “Examination”.
 - General requirements; time to examination; examination of weld edge preparation surfaces; examination of welds and adjacent base materials; qualification and certification of personnel; procedure demonstration.
- ASME V.
 - Content applicable to Section III jobs.
- Article NB-6000 “Testing”.
 - Scope of pressure testing; time of pressure testing; preparation and execution.

TO WHOM IT IS DEDICATED:

Employees, contractors and consultants of Organisations producing pressure equipment according to Section III of the ASME Code.

Personnel engaged in inspection/quality control activities of pressure equipment.

All interested persons who wish to become acquainted with this standard.

COURSE MATERIALS:

Course handout (PDF).

REQUIREMENTS TO ACCESS THE COURSE:

Adequate knowledge of Section III of the ASME Code in terms of its structure, purpose and scope, as well as the requirements applicable to a Quality Assurance Programme is strongly recommended to maximise its effectiveness (see course code CP 020).

DELIVERY METHOD:

In person course:

- At the date and location agreed with You.
- At the venue indicated by us in accordance with the C&P calendar.

CONTACT US FOR FURTHER INFORMATION

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