

Course Code CP 006

# BPVC Section ASME VIII Div.1 Construction of Pressure Vessels - Appreciation and Interpretation Ed. 2023

(duration 16 Hours)

This course leads delegates to understand and apply the main requirements of Section VIII Division 1 of the ASME Code applicable to the manufacture of pressure vessels.

The course involves the review, understanding and application through specific case studies of the main requirements for design, manufacture, non-destructive examination, welding, testing and quality system, and can be a milestone for those involved in the manufacture, inspection and certification of pressure vessels meets Section VIII Division 1 of the ASME Code.

## COURSE CONTENTS

After completing this course, delegates will be able to:

- Describe the role of the Manufacture;
- Describe the main contents of a Quality Control programs;
- Use design calculations from ASME Code;
- Evaluate required impact testing results;
- Recognize material requirements;
- Recognize manufacturer process development and controls;
- Interpret welding requirements;
- Identify the requirements related to nondestructive examination (NDE) methods;
- Describe the main inspections and tests;
- Describe the main requirements concerning the marking of pressure equipment and the compilation of dedicated Manufacture Data Reports.

### TO WHOM IT IS DEDICATED:

Employees, collaborators and consultants of organisations manufacturing pressure vessels according to Section VIII Division 1 of the ASME Code .

Personnel engaged in inspection/quality control of pressure vessels.

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

### COURSE MATERIALS:

Course handout (PDF).

### REQUIREMENTS TO ACCESS THE COURSE:

There are no specific entry requirements, however, basic experience in pressure vessels / equipment design and/or manufacturing and/or inspection and testing processes is recommended to maximise effectiveness.

### 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**

+ 39 039.9165344 [amministrazione@cpinspection.com](mailto:amministrazione@cpinspection.com)

[www.cpinspection.com](http://www.cpinspection.com)