

## CSA B51 PART 1 - BOILER, PRESSURE VESSEL & PRESSURE PIPING CODE

### OBJECTIVE:

The objective of the CSA B51 course is to introduce participants to the requirements and application of CSA B51 Part 1 to Boilers, Pressure Vessels and Pressure Piping. It will explore the relationship of CSA B51 to the ASME Boiler and Pressure Vessel Code and B31.1 Power Piping. In addition it will introduce the Canadian requirements for pressure piping systems. The CSA B51 course will be of interest to personnel involved with Class 6 systems and components in the nuclear industry.

**CONTENTS:** A one day course consisting of the following:

### REVIEW OF CONTENT OF CSA B51

- Regulatory Framework in Ontario
- Registration
- **Specific requirements for:**
  - boilers, pressure vessels, piping & fittings, other equipment
- **Specific Topics:**
  - fabrication, inspection, welding
  - manufacturers' data reports, quality control programs and repairs & alterations

### WHO SHOULD ATTEND?

The CSA B51 course is directed toward designers, manufacturers, owners and users of boilers, pressure vessels and pressure piping systems as they apply in Ontario and other Canadian Boiler and Pressure Vessel jurisdictions. These are people who require familiarity with the Canadian requirements for Pressure Boundary in industrial settings or for Class 6 pressure boundaries in Nuclear Power Plants. The course material will concentrate primarily on the requirements in the Standard and not the requirements in the referenced documents.

### EXPECTATIONS:

At the end of the course Participants should understand the structure, scope, objectives and implementation of the Code by the Canadian regulatory authorities; including its relationship to the ASME Codes referenced in the Standard.