

## INTRODUCTION TO CSA B52 MECHANICAL REFRIGERATION CODE

### OBJECTIVE:

The Objective of the CSA B52 course is to introduce the requirements and Application of CSA B52 Mechanical Refrigeration Code. It covers the relationship of CSA B52 and CSA B51, ASME Boiler and Pressure Vessel Code, ASME B16.5 Refrigeration Piping and Heat Transfer Components.

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

- Scope of CSA B52
- Identification of Systems Requirements
- Classification by occupancy
- Classification of Refrigeration Systems
- Classification by Refrigerant
- Equipment Design & Construction
- Installation
- Overpressure Protection
- Maintenance of System
- Precautions
- Additional Application Notes on CO2 and Hydrocarbon Systems

### WHO SHOULD ATTEND?

The CSA B52 Course is directed toward Designers, manufacturers, owners, users and persons charged with the responsibility for the safe operating practices, installation and maintenance of mechanical refrigeration systems in public, commercial, industrial, institutional and residential settings. The course material will concentrate primarily on the requirements in the Standard and not the requirements in the referenced documents.

### EXPECTATIONS:

1. Understand the classification and applicability of mechanical refrigeration systems and their limitations based upon occupancy type, refrigerant type and other factors.
2. Gain an understanding of the design, operation and maintenance safety framework in the CSA B52 Code.
3. Understand the role of the referenced Codes and Standards within the CSA B52 framework and the adoption of the CSA B52 framework in Canadian jurisdictions.