

PART I

BOILERS, PRESSURE VESSELS, PRESSURE PIPINGS AND PLANTS

Adoption of Codes and Standards

3. Except as otherwise provided in the Act or these regulations, the standards governing the design, fabrication, installation, identification, testing and inspection of boilers, pressure vessels, pressure piping and fittings are those set out in the following codes or standards or sections of codes or standards, as amended from time to time:

- (a) CSA B51-M1 1991 Code for the Construction and Inspection of Boilers and Pressure Vessels;
- (b) CSA Standard B52-M1 1992 Mechanical Refrigeration Code;
- (c) CSA Standard Z184-M1986 Gas Pipeline Systems;
- (d) CAN/CSA-B139-M91 Installation Code for Oil Burning Equipment;
- (e) CSA Z276-M1981 Liquefied Natural Gas (LNG) - Production, Storage and Handling;
- (f) CSA Standard Z305.1-M1984 Nonflammable Medical Gas Piping System;
- (g) CSA Standard CAN/CSA-Z305.3-M87 Pressure Regulators, Gauges, and Flow-Metering Devices for Medical Gases;
- (h) CSA Standard CAN3-Z305.4-M85 Qualification Requirements for Agencies Testing Nonflammable Medical Gas Piping Systems;
- (i) CAN/CGA-B149.2- 91 Installation Code for Propane Burning Appliances and Equipment;
- (j) CAN/CGA-B149.1-M91 Installation Code for Natural Gas Burning Appliances and Equipment;
- (k) the following sections of the ASME Boilers and Pressure Vessels Codes:
 - (i) Section I Power Boilers, 1992,
 - (ii) Section II Material Specifications, Part "A" Ferrous Materials, 1992,
 - (iii) Section II Material Specifications, Part "B" Nonferrous Materials, 1992,
 - (iv) Section II Material Specifications, Part "C" Welding Rods, Electrodes and Filler Metals - 1992,
 - (v) Section II Material Specifications, Part "D" Properties, 1992,
 - (vi) Section III Division 1 and Division 2, Nuclear Power Plant Components: General Requirements - 1992,
 - (vii) Section III Division 1, 1992,
 - (viii) Section III Division 2, Code for Concrete Reactor Vessels and Containments, 1992,
 - (ix) Section IV Heating Boilers, 1992,
 - (x) Section V Nondestructive Examination, 1992,
 - (xi) Section VI Recommended Rules for Care and Operation of Heating Boilers, 1992,
 - (xii) Section VII Recommended Rules for Care of Power Boilers, 1992,

- (xiii) Section VIII Pressure Vessels, Division 1, 1992,
 - (xiv) Section VIII Pressure Vessels, Division 2, 1992,
 - (xv) Section IX Welding and Brazing Qualifications, 1992,
 - (xvi) Section X Fiberglass Reinforced Plastic Pressure Vessels, 1992,
 - (xvii) Section XI Rules for Inservice Inspection of Nuclear Power Plant Components, Division 1, 1992;
- (l) the following standards of ANSI:
- (i) B.31.1 1989 Power Piping,
 - (ii) B.31.3 1990 Chemical Plant and Petroleum Refining Piping,
 - (iii) B.31.4 1989 Liquid Petroleum Transportation Piping Systems,
 - (iii) B.31.5 1987 Refrigeration Piping,
 - (iv) B.16.5 1988 Steel Pipe Flanges and Flanged Fittings,
 - (vi) K.61.1 1989 Safety Requirements for Storage and Handling of Anhydrous Ammonia;
- (m) the National Building Code, 1990 of the National Standards Council of Canada.