

§ 57.13019

by the manufacturer, but no less frequently than once every two years.

§ 57.13019 Pressure system repairs.

Repairs involving the pressure system of compressors, receivers, or compressed-air-powered equipment shall not be attempted until the pressure has been bled off.

§ 57.13020 Use of compressed air.

At no time shall compressed air be directed toward a person. When compressed air is used, all necessary precautions shall be taken to protect persons from injury.

§ 57.13021 High-pressure hose connections.

Except where automatic shutoff valves are used, safety chains or other suitable locking devices shall be used at connections to machines of high-pressure hose lines of 3/4-inch inside diameter or larger, and between high-pressure hose lines of 3/4-inch inside diameter or larger, where a connection failure would create a hazard.

§ 57.13030 Boilers.

(a) Fired pressure vessels (boilers) shall be equipped with water level gauges, pressure gauges, automatic pressure-relief valves, blowdown piping, and other safety devices approved by the American Society of Mechanical Engineers to protect against hazards from overpressure, flameouts, fuel interruptions and low water level, all as required by the appropriate sections, chapters and appendices listed in paragraphs (b) (1) and (2) of this section.

(b) These gauges, devices and piping shall be designed, installed, operated, maintained, repaired, altered, inspected, and tested by inspectors holding a valid National Board Commission and in accordance with the following listed sections, chapters and appendices:

(1) The ASME Boiler and Pressure Vessel Code, 1977, published by the American Society of Mechanical Engineers.

SECTION AND TITLE

- I Power Boilers
- II Material Specifications—Part A—Ferrous

30 CFR Ch. I (7–1–00 Edition)

- II Material Specifications—Part B—Non-ferrous
- II Material Specifications—Part C—Welding Rods, Electrodes, and Filler Metals
- IV Heating Boilers
- V Nondestructive Examination
- VI Recommended Rules for Care and Operation of Heating Boilers
- VII Recommended Rules for Care of Power Boilers

(2) The National Board Inspection Code, a Manual for Boiler and Pressure Vessel Inspectors, 1979, published by the National Board of Boiler and Pressure Vessel Inspectors.

CHAPTER AND TITLE

- I Glossary of Terms
- II Inspection of Boilers and Pressure Vessels
- III Repairs and Alterations to Boiler and Pressure Vessels by Welding
- IV Shop Inspection of Boilers and Pressure Vessels
- V Inservice Inspection of Pressure Vessels by Authorized Owner-User Inspection Agencies

APPENDIX AND TITLE

- A Safety and Safety Relief Valves
- B Non-ASME Code Boilers and Pressure Vessels
- C Storage of Mild Steel Covered Arc Welding Electrodes
- D-R National Board "R" (Repair) Symbol Stamp
- D-VR National Board "VR" (Repair of Safety and Safety Relief Valve) Symbol Stamp
- D-VR1 Certificate of Authorization for Repair Symbol Stamp for Safety and Safety Relief Valves
- D-VR2 Outline of Basic Elements of Written Quality Control System for Repairers of ASME Safety and Safety Relief Valves
- D-VR3 Nameplate Stamping for "VR"
- E Owner-User Inspection Agencies
- F Inspection Forms

(c) Records of inspections and repairs shall be kept in accordance with the requirements of the ASME Boiler and Pressure Vessel Code and the National Board Inspection Code. The records shall be made available to the Secretary or his authorized representative.

(d) Sections of the ASME Boiler and Pressure Vessel Code, 1977, listed in paragraph (b)(1) of this section, and chapters and appendices of the National Board Inspection Code, 1979, listed in paragraph (b)(2) of this section, are incorporated by reference and made