

SECTION 15114 - PRESSURE REGULATING VALVES

City of San Diego, CWP Guidelines

PART 1 -- GENERAL

1.1 WORK OF THIS SECTION

- A. The WORK of this Section includes providing pressure regulating valves indicated, complete and operable, with all accessories.

1.2 RELATED SECTIONS

- A. The WORK of the following Sections applies to the WORK of this Section. Other Sections of the Specifications, not referenced below, shall also apply to the extent required for proper performance of this WORK.

- 1. Section 15100 Valves, General

PART 2 -- PRODUCTS

2.1 PRESSURE REGULATING VALVES (1-1/2 INCHES AND SMALLER)

- A. **General:** Small air and water pressure regulating valves shall be of the spring-loaded diaphragm type with a minimum pressure rating of 250 psi, with bronze body, nickel alloy or stainless steel seat, and threaded ends. Each valve shall be furnished with built-in or separate [304] [316] stainless steel strainer and union ends.

2.2 WATER PRESSURE REGULATING VALVES (LARGER THAN 1-1/2 INCHES)

- A. **General:** Large water pressure regulating valves shall be of the piston-type or diaphragm-actuated globe type, with cast iron body and stainless steel trim. Unless otherwise indicated, the valves shall have a pressure rating of not less than 150 psi, shall have 125-lb flanges, and shall have an adjustable downstream pressure range with a downstream setting as required.

2.3 MANUFACTURERS

- A. Products shall be manufactured by one of the following (or equal):

- 1. Small pressure regulating valves:

- A.W. Cash Valve Mfg. Corp.
 - Watts Regulator Company
 - Wilkins Regulator (A Division of Zurn Industries)

- 2. Large pressure regulating valves:

- Cla-Val Company
 - Golden-Anderson Valve Division (G A Industries, Inc.)

PART 3 -- EXECUTION

3.1 INSTALLATION

- A. Pressure regulating valves shall be installed in accordance with the manufacturer's written instructions.

**** END OF SECTION ****