

## **PROCEDURES**

### **REGULATOR STATION INSPECTION AND MAINTENANCE / GENERAL**

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#### **1.0 PURPOSE**

**(192.195 & 192.739)**

It is the purpose of this section to provide minimum requirements and general information on the methods and procedures for inspection and tests to ensure that valves and regulators are:

1. In good mechanical condition.
2. Set to function at the correct pressure.
3. Properly installed and protected from dirt, liquids or other adverse conditions affecting operation.

#### **1.1 SCOPE**

This section covers the following:

- A. Inspection Frequency
- B. Requirements

#### **1.2 INSPECTION FREQUENCY**

- A. City Gate Stations and District Regulator Stations facilities shall be maintained once each calendar year, not to exceed 15 months.
- B. Pressure shall be monitored at a minimum of once each week. (Weekly pressure recording charts or other actual time monitoring equipment is recommended for the large stations)
- C. Small volume pressure reducing facilities such as customer meters with overpressure protection shall be maintained bi-annually. (Pressure gauges are adequate for these type installations)
- D. Special inspections shall be conducted whenever there is reason to suspect foreign materials in the gas stream or other operation problems.
- E. Document all findings on appropriate forms.
- F. Any abnormal operating condition shall be reported to the gas supervisor **immediately**.

#### **1.3 REQUIREMENTS**

## **PROCEDURES**

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- A. Each pressure reducing station shall be designed and installed with adequate capacity and adequate overpressure protection, and to prevent a single incident from affecting both the overpressure device and the primary/district regulator.
- B. Each pressure reducing station shall be inspected and maintained once each calendar year not to exceed 15 months, to include station flow and lock-up. Each calendar year, the station shall be evaluated as to adequate flow capacity and relief capacity.
- C. Pressure regulator facilities that are designed to reduce pressure from high-pressure pipelines to normal distribution pressure (Other than customer meter set assemblies designed for standard delivery pressure) shall require overpressure protection.
- D. Pressure reducing stations shall be designed to protect against a single failure.
- E. All pressure reducing station equipment shall be inspected and operated to ensure proper operation and overpressure protection.
- F. Once each calendar year, not to exceed 15 months the operator shall calculate the capacity and adequacy of and pressure relief equipment.