

O&M 140 - FIELD INSPECTION FORM
INSPECTION OF CUSTOMER OWNED REGULATORS

CUSTOMER NAME: _____ **ACCOUNT NUMBER:** _____

ADDRESS:

TWN/VIL/CITY:

CHG&E DELIVERY PRESSURE: _____ **REGULATOR ON PREMISES:** Yes () No ()

REGULATOR MANUFACTURER: _____ **MODEL:** _____ **SIZE:** _____

WHERE SPECIFICALLY ON PREMISES IS REGULATOR INSTALLED?

REGULATOR

NOTE: Inspect the following items and record the inspection results:

ITEM #1 The gas pressure regulator location shall be such that the connections are readily accessible for servicing. Is the regulator accessible? Yes () No ()

ITEM #2 The gas pressure regulator shall be protected against physical damage. Is the regulator protected? Yes () No ()

ITEM #3 An adequately sized independent vent to the outside of the building shall be provided when a ruptured diaphragm will cause gas to escape. Unless specifically designed, is the regulator vented to the outside? Yes () No ()

ITEM #4 When there is more than one regulator at the same location, each regulator shall have a separate vent to the outside. Does the regulator have a separate vent to the outside? Yes () No () Other () - Please Explain:

ITEM #5 The regulator discharge vent shall be located so that the gas is discharged into the atmosphere without undue hazard. Is the vent terminus in a safe location? Yes () No ()

ITEM #6 The regulator vent shall be designed to prevent the entry of water, insects or other foreign material that could cause blockage. Does the regulator have suitable weather & bug proof cap? Yes () No ()

ITEM #7 At location where regulators might be submerged during floods, a special anti-flood type breather vent fitting shall be installed or the vent line shall be extended above the height of expected flood waters. Has the fitting been installed or vent line extended? Yes () No () Not Applicable ()

ITEM #8 A regulator shall not be vented to the gas equipment flue or exhaust system. Is the regulator vented to the gas equipment flue or exhaust system? Yes () No ()

REMARKS:

DATE: _____ **INSPECTED BY:** _____

INSPECTION OF OVERPRESSURE PROTECTION DEVICES

NOTE: Inspect the following items and record the inspection results:

- ITEM #1** Overpressure protection devices shall be installed to prevent the pressure in the piping system from exceeding that value which would cause unsafe operation of any connected and properly adjusted gas utilization equipment. Is an overpressure protection device installed? Yes () No ()
- ITEM #2** The discharge vent shall be designed to prevent the entry of water, insects or other foreign material that could cause blockage. Does the discharge vent have a suitable weather and bugproof cap? Yes () No ()
- ITEM #3** The discharge vent shall be located so that gas is discharged into the atmosphere without undue hazard. Is the vent terminus in a safe location? Yes () No ()
- ITEM #4** The discharge vent line shall be at least the same size as the outlet of the pressure relieving device. Is the vent line at least the same size as the device's outlet? Yes () No ()

Note: No pressure relieving or limiting device is required if the gas regulator has all the following design features or characteristics. Complete this section even if an overpressure protection device is installed!

- A.** Pipe connections to the regulator do not exceed 2 inches nominal diameter; are pipe connections 2" or less in diameter? Yes () No ()
- B.** Regulator is self-contained with no external static or control piping; regulator has no external control piping? Yes () No ()
- C.** Regulator has a single port valve with an orifice diameter no greater than that recommended by the manufacturer for the maximum gas pressure at the regulator inlet; does regulator have a single port valve with correct orifice diameter? Yes () No ()
- D.** Regulator valve seat is made of resilient material designed to withstand abrasion of the gas, impurities in the gas and cutting by the valve and to resist permanent deformation when it is pressed against the valve port; is the valve seat made of acceptable material? Yes () No () Unknown ()
- E.** Regulator is capable, under normal operating conditions, of regulating the downstream pressure within the necessary limits of accuracy and of limiting the discharge pressure under no-flow conditions to not more than 150 percent of the discharge pressure maintained under flow conditions. Is the regulator designed to function in accordance with the specified limits? Yes () No ()

NOTE: It may be necessary for the customer to furnish the installed regulator's specifications to determine its conformance to the required features.

REMARKS:

WARNING TAG(S) ISSUED: Yes () No ()
(If yes, note condition in remarks section)

CUSTOMER NOTIFIED: Yes () No ()

DATE: _____

INSPECTED BY: _____