



CUSTOMER METER/SERVICE REGULATOR INSPECTION CHECKLIST

For Gas Pipeline Facilities
SOUTH DAKOTA PUBLIC UTILITIES COMMISSION

I. GENERAL INFORMATION

Operator Evaluated	_____	
Operator ID	_____	
Contact Person / Title (person interviewed)	Phone Number	_____
Responsible Party/Title	Phone Number	_____
Mailing Address	_____	
Inspection Date	Last Inspection Date	_____
Location of Inspection	_____	
Inspector Name	_____	

§192.353 Customer meters and regulators: Location.

- (a) Each meter and service regulator, whether inside or outside a building, must be installed in a readily accessible location and be protected from corrosion and other damage, including, if installed outside a building, vehicular damage that may be anticipated. However, the upstream regulator in a series may be buried.
- (b) Each service regulator installed within a building must be located as near as practical to the point of service line entrance.
- (c) Each meter installed within a building must be located in a ventilated place and not less than 3 feet (914 millimeters) from any source of ignition or any source of heat which might damage the meter.
- (d) Where feasible, the upstream regulator in a series must be located outside the building, unless it is located in a separate metering or regulating building.

§192.355 Customer meters and regulators: Protection from damage.

- (a) Protection from vacuum or back pressure. If the customer's equipment might create either a vacuum or a back pressure, a device must be installed to protect the system.
- (b) Service regulator vents and relief vents. Service regulator vents and relief vents must terminate outdoors, and the outdoor terminal must:
 - (1) Be rain and insect resistant;
 - (2) Be located at a place where gas from the vent can escape freely into the atmosphere and away from any opening into the building; and,
 - (3) Be protected from damage caused by submergence in areas where flooding may occur.
- (c) Pits and vaults. Each pit or vault that houses a customer meter or regulator at a place where vehicular traffic is anticipated, must be able to support that traffic.

§192.357 Customer meters and regulators: Installation.

- (a) Each meter and each regulator must be installed so as to minimize anticipated stresses upon the connecting piping and the meter.
- (b) When close all-thread nipples are used, the wall thickness remaining after the threads are cut must meet the minimum wall thickness requirements of this part.
- (c) Connections made of lead or other easily damaged material may not be used in the installation of meters or regulators.
- (d) Each regulator that might release gas in its operation must be vented to the outside atmosphere.

§192.365 Service lines: Location of valves.

- (a) Relation to regulator or meter. Each service-line valve must be installed upstream of the regulator or, if there is no regulator, upstream of the meter.
- (b) Outside valves. Each service line must have a shutoff valve in a readily accessible location that, if feasible, is outside of the building.
- (c) Underground valves. Each underground service-line valve must be located in a covered durable curb box or standpipe that allows ready operation of the valve and is supported independently of the service lines.

§192.479 Atmospheric corrosion control; General.

- a) Each operator must clean and coat each pipeline or portion of pipeline that is exposed to the atmosphere, except pipelines under paragraph (c) of this section.
- (b) Coating material must be suitable for the prevention of atmospheric corrosion.
- (c) Except portions of pipelines in offshore splash zones or soil-to-air interfaces, the operator need not protect from atmospheric corrosion any pipeline for which the operator demonstrates by test, investigation, or experience appropriate to the environment of the pipeline that corrosion will-
 - (1) Only be a light surface oxide; or
 - (2) Not affect the safe operation of the pipeline before the next scheduled inspection.

II. Customer Meters and Regulators

Location (city or street)								
Readily accessible and protected from corrosion and other damage	192.353 a							
Vents terminate outdoors and are:	192.355 b							
Rain and insect resistant	192.355 b 1							
Away from building opening	192.355 b 2							
Protected from submergence	192.355 b 3							
Installed to minimize piping stress	192.357 a							
Regulator vented outside	192.357 d							
Atmospheric corrosion present	192.479							
Rigid support piping	192.357 a							
Vent screen open	192.355 a 2							
Sufficient capacity of vent piping if extended	192.355 a 2							
Surface rust present	192.479							

Comments: