

Mayor & City Council Members

The City Gas Dept is requesting the purchase of an enclosed cargo trailer to use as a mobile shop. We will utilize this by mounting our existing pipe threader inside the trailer , adding a work bench & bins for meters & pipe & fittings , portable generator , etc.

We plan to use the trailer to help increase productivity & also with compliance of federal regulations requiring the regulator vent at each meter set be at least 36" from any opening in the house or building & all Electrical ignition sources for example:( Electrical boxes for Central air units & the unit itself, exterior outlets, windows, doors , dryer vents, furnace & water heater vents. This affects approx 75% if not more of our Approx 1200 meter sets. This will allow us to make different lengths of pipe when needed on site instead of making multiple trips back and forth to the city shop.

We had a trailer ordered in January from a dealer for \$4894.00 which was supposed to be available in April. I contacted the dealer many times checking on it & was advised that they would contact us when it was available for pick up. I contacted them at the beginning of June & was informed that the order was not going to be filled, they were not able to sell the trailer at the price originally quoted in January. We are currently looking for a trailer that is in stock, instead of ordering & waiting many more months. We originally planned for a 12 foot trailer but decided to go with a 14 foot trailer. We are not finding very many 14's in stock , so we may need to go to a 16 foot trailer.

Trailer #1

I have found a 2022 Compass White 7'x14 foot trailer with ramp door, side door & Tandem 3500# axles for a 7000# gvwr, rounded front in Kirksville at a dealer that they are selling as used, this is because the owner purchased the trailer in Arizona & used it to bring his parents belongings back to missouri. I drove down to look at this trailer on my own time to see it, it is in new condition, it is priced at \$7500.00.

Trailer #2

Hinshaw Trailer Sales in Richland Iowa

2022 IronStar Pro series Cargo trailer , v-nose , rear ramp, side door, Tandem 3500# axles, 7' high 7' x 16' for \$8900.00.

Trailer #3

Wright way trailer in Hiawatha , Iowa ( they have sold 3 other trailers we had chosen in the last week)

2022 Bravo 7 x 14 v nose tandem 3500# axles , ramp door w/ flap Orig price \$9295.00  
Sale \$ 8495.00

Trailer # 4

D&S Midwest Trailers in Des Moines

1-14 foot v-nose Grey for \$7950

4-16 foot for \$8100

I am asking for approval for a dollar amount to purchase a trailer that is in stock , these trailers may not be instock by Friday morning & I may need to find additional instock trailers.

Thank you,

Todd Schumaker

Gas Department

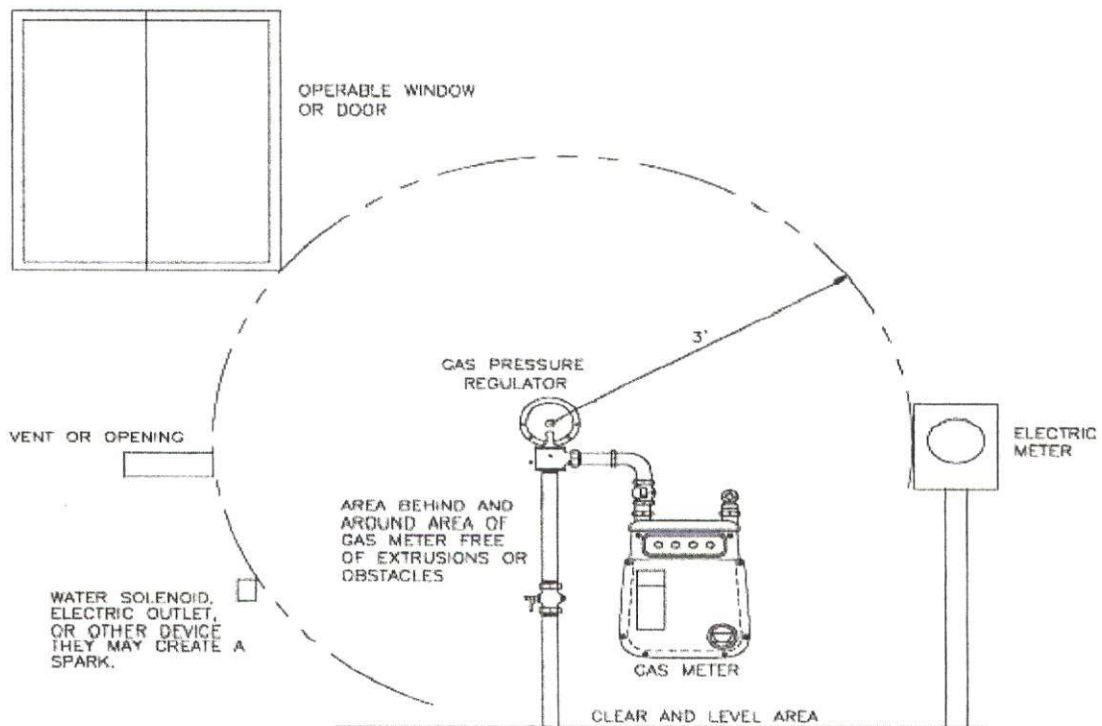
## 5.21 CUSTOMER METERS/REGULATORS

### 1. Location:

Reference 49 CFR Part 192.353

Customer meters and regulators shall be installed in accordance with applicable provisions of 49 CFR 192, Subpart D and H, which prescribes minimum requirements for installing customer meters, service regulators, service lines, service line valves, and service line connections to mains.

- 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 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.
- e. Each meter set installed outdoors must be installed no less than 3 feet from any possible ignition sources or any openings into buildings. This includes air conditioners, electric meters, windows, doors, dryer and/or furnace vents, etc. **SEE DIAGRAM BELOW FOR INSTALLATION REQUIREMENTS.**





## 2. **Installation**

*Reference 49 CFR Part 192.357*

- 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.
- 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.

## 3. **Protection from damage:**

*Reference 49 CFR Part 192.355*

Service regulator vents and relief vents must terminate outdoors, and the outdoor terminal must:

- a. Be rain and insect resistant;
- b. 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
- c. Be protected from damage caused by submergence in areas where flooding may occur.
- d. 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.

## 4. **Control of the pressure of gas delivered from high-pressure distribution systems.**

*Reference 49 CFR Part 192.197*

If the maximum actual operating pressure of the distribution system is 60 p.s.i. (414 kPa) gage, or less and a service regulator having the following characteristics is used, no other pressure limiting device is required:

- a. A regulator capable of reducing distribution line pressure to pressures recommended for household appliances.
- b. A single port valve with proper orifice for the maximum gas pressure at the regulator inlet.
- c. A valve seat made of resilient material designed to withstand abrasion of the gas, impurities in gas, cutting by the valve, and to resist permanent deformation when it is pressed against the valve port.
- d. Pipe connections to the regulator not exceeding 2 inches (51 millimeters) in diameter.
- e. A regulator that, under normal operating conditions, is able to regulate the downstream pressure within the necessary limits of accuracy and to limit the build-up of pressure under no-flow conditions to prevent a pressure that would cause the unsafe operation of any connected and properly adjusted gas utilization equipment.
- f. A self-contained service regulator with no external static or control lines.

If the maximum actual operating pressure of the distribution system is 60 p.s.i. (414 kPa) gage, or less, and a service regulator that does not have all of the characteristics listed in paragraph (a) of this section is used, or if the gas contains materials that seriously interfere with the operation of service regulators, there must be suitable protective devices to prevent unsafe overpressuring of the customer's appliances if the service regulator fails.