

FIRST STAGE LEAK TESTING DOWNSTREAM OF 1ST STAGE REGULATOR

NFPA #54 Annex D Section D.4 Suggested Method of Checking for Leakage
By inserting a 30 psi (207 kPa) pressure gauge on the downstream side of the first stage regulator, admitting normal operating pressure to the system and then closing the container valve. Enough pressure should be released from the system to lower the pressure gauge reading by 5 psi (34.5 kPa). The system should be allowed to stand for 3 minutes without showing an increase or a decrease in pressure gauge reading.

First Stage Leak Testing.

- ♣ Attach 30# Pressure Gauge to Presto-Tap LDS2000/RV**
- ♣ Turn on service gauge charging gas system**
- ♣ Close service valve and reduce pressure by 5# unlocking regulator so that the entire system is communicating with gauge**
- ♣ Observe gauge for any increase or decrease in pressure for 3 minutes**
- ♣ Rise in pressure indicates faulty seat in service valve**
- ♣ Decrease in pressure indicates leak in system**