Standard Procedure: Gas Cylinder Change Over.

Figure 1 Typical side entry attached regulator (non-flammable gas).

a. Close Cylinder valve 1 (turn hand wheel clockwise).

b. Reduce the outlet pressure (turn the Regulator control valve 2 anti-clockwise).

c. Vent any gas in the regulator at any secondary supply valve or attached apparatus whenever possible. (Exercise caution when venting flammable, corrosive or toxic gas).

d. Remove the regulator from the cylinder valve (undo the connector 3 at the cylinder valve with a regulator spanner). Remember for flammable gas, connectors are left hand thread.

e. Remove the empty/unwanted cylinder.

f. Secure the replacement cylinder at 2/3 its height or in restraint provided.

f. Secure empty/unwanted cylinder to cylinder trolley.

h. Remove the plastic plug from the cylinder valve outlet (DO NOT use gas pressure).

i. Inspect regulator inlet spigot, "O" ring or seal for serviceability (replace if necessary).

j. Attach the regulator to the cylinder valve and tighten using a regulator spanner.

k. While standing to the side (neither in front of nor behind the regulator) slowly open the cylinder valve anti-clockwise. Open FULLY, then close half a turn.

l. Check the regulator to valve connection with a leak detector or soapy water (other suitable liquid that will not damage the valve or regulator could be used) for leaks. If bubbles form or a leak is detected close the cylinder valve and retighten the connector. Open the cylinder valve and leak test again. Repeat until there are no leaks detected. If a leak remains, regulator replacement may be required.

m. Mark the FULL inlet pressure on the cylinder pressure gauge 4 with tape or marker pen if required.

n. Adjust the Regulator control valve 2 (clockwise) to the required pressure and mark the outlet pressure gauge 5 if required.