

Safe practice for pressure check on Oxygen/Oxidizer Cylinder

Know Your Oxygen



**Cylinder
Properly Secured**



**Fixed Monel Pressure
Gauge Panel**



Portable Pressure Gauge kit



Stand in Safe Position

- ✓ **Check** & Identify cylinder product content and warning label
- ✓ **Secure** cylinder before connecting the checking tool to cylinder valve
- ✓ **Ensure** proper PPEs: Hard hat, Safety glasses or Impact resistant goggle, Metatarsal safety shoe, Fire retardant long sleeve clothing and Hand gloves
- ✓ **Use Oxygen Safety Compliance Tool Kit**
 - Preference to **use wall mounted** Pressure Check manifold
 - **Ensure use of Brass or Monel** materials for high pressure rating components while using wall mounted or portable pressure check manifold
 - **Use only Oxygen compatible** pressure gauge with "Use No Oil" label, dial covered with safety glass and has pressure release blowout port at the back or top of gauge casing
 - **Do not use quick opening type ball valve** in high pressure oxygen service
 - Ensure all components of the tool kit are **degreased and cleaned for Oxygen service**
 - Use Oxygen Pressure Check Kit **dedicated for Oxygen/Oxidizer** cylinders only
 - **Ensure cleanliness of the kit** and the cylinder valve prior to pressure check
 - **Prevent contamination** of the kit while in storage.
 - Follow established **standard operating and maintenance** procedures
- ✓ **Observe Safe Standing Position**
 - **Stand facing away** from the pressure gauge and valve outlet. Keep at least an arm length distance while operating cylinder valve
 - After pressure check, **close** the cylinder valve and **release** the residual gas in the kit

Note: Refer to AIGA 012/04 for more information on cleaning for O2 service