

## **Nitrogen (OFN) Regulator Connection & Operation**

### **Please follow your codes of practise when using OFN**

- Inspect the regulator for any damage and ensure that the pressure regulator is in the OFF position.
- Fit the regulator to the nitrogen cylinder.
- Ensure the isolation valve is in the closed / vertical position.

Gauges should be scaled to a pressure around 50% higher than the regulator delivery pressure. A suitably rated high-pressure isolation valve should be fitted between the gauge and the regulator. This allows the gauge to be read around mid scale where it is most accurate.

- The gauge and valve assembly should then be connected to the system using the steel flexible hose.
- The isolation valve should now be opened and in the horizontal position.
- The pressure should then be increased in stages to allow the system pressure to be built up slowly.
- On reaching the required test pressure, close the isolation valve (vertical position) and reduce the regulator pressure down to zero.
- On completion of the pressure test, then exhaust the nitrogen from the lines and isolate the cylinder

**UNDER NO CIRCUMSTANCES SHOULD REFRIGERATION MANIFOLDS AND HOSES BE USED FOR OXYGEN FREE NITROGEN LEAK OR PRESSURE TESTING.**