



Cylinder Leak Test

All Compressor cylinders are hydrostatically tested prior to shipment. The cylinders are tested at a minimum of 1 hour at 1.5 times the rated [MAWP](#) of the cylinder (Maximum Allowable Working Pressure). The hydrostatic test pressure is recorded on a pressure test recorder vs time and retained with the permanent unit file.

Cylinder hydrotests may be observed by the client if required. Requests for witness must be included at the time of order for scheduling purposes.

For lighter gasses, mole weights below 12 or hydrogen content above 50%, cylinders will be leak tested with helium. Once the cylinder has been hydrotested, the cylinder is submerged in a water tank and pressurized with Helium to the cylinder MAWP or 2000 psig, whichever is lower. Pressure must be maintained and no leaks observed for a period of thirty (30) minutes. Helium leak tests of compressor cylinders is available as an option.

Helium testing is required for gasses 12 mole weight and below as well as gasses with 50% or more hydrogen by volume.