

## UNIQUE ASPECTS OF COWAN DESIGN & QUALITY

The facilities at Cowan Manufacturing reflect a commitment to the highest quality, efficiency and use of advanced technology. Cowan has developed its own approved clean rooms, fully equipped laboratory, compressed clean air storage, commissioning and testing rooms and facilities to hydrotest and weigh each chamber. Further, Cowan's Quality Management System, designed specifically around the manufacture of our Recompression Chambers, has been approved by Lloyd's Register Australia in accordance with ISO9002. Cowan has a fully equipped and documented stores department for the supply of logistic support services and equipment. This also includes training and maintenance services. Unique aspects of standard Cowan chamber designs and its quality approach include:



**STAINLESS STEEL PENETRATOR PADS**  
(for long-life durable sealing)



**"O" RING SEAL THROUGH BOLT PENETRATORS**  
(design allows interchangeability)



**SPARE PENETRATORS**  
(with brass "O" ring blanking bolt)



**PIPEWORK**  
(stainless steel tubes welded with VCO "O" ring seal Cajon fittings)



**MANWAY & VIEWPORT FORGINGS**  
(designed with lips to ensure 100% x-ray of welds)



**S/STEEL DOORS & MANWAYS**  
(provides rust free surfaces to ensure a trouble free, long life seal)



**VALVES & FITTINGS**  
(high quality, Swagelock or Parker)



**CLEANING**  
(all gas carrying components are cleaned to US Mil Standard 1330D)



**PRE-CLEAN & ASSEMBLY**  
(pre-clean & assembly rooms are integral to Cowan's processes)