



HIGH PRESSURE TESTING SOLUTIONS



HIGH PRESSURE SOLUTIONS TO THE OIL AND GAS INDUSTRY

Since establishment in 2001, Nessco Pressure Systems has been providing innovative, turnkey solutions to high pressure testing applications for clients across a wide range of industries.

From brief to build, our team of high pressure experts are equipped to help every step of the way, providing a full range of high pressure support services. With over 30 years' combined experience, our reputation as a trusted manufacturer and installer of pressure systems has seen NPS work not only with local Perth companies, but also with multinational Oil and Gas corporations.

When choosing NPS for your high pressure requirements, you will experience our full range of services, such as:

1. Quality Testing & Commissioning

All equipment is tested before it leaves site, and re-commissioned at your destination. This ensures all high pressure equipment conforms to design specifications and is safe for operation straight away.



2. Qualified Technicians

With over 30 years' experience, our team are experts in the field of High Pressure Testing. Our approach to service is simple; we strive for ultimate customer satisfaction, achieved through extensive industry knowledge, and a dedicated team of after-sales maintenance and repair technicians.

3. Extensive Range

We pride ourselves on being able to provide high pressure solutions for any project, large or small. As such, we offer a range of different high pressure equipment; from power packs and high pressure accessories, to innovative and customised test benches.



4. Custom Solutions

At NPS, we have the in-house facilities and expertise to design, build and install custom built high pressure equipment solutions for any project.

Catering to a large range of offshore and subsea applications, NPS ensure all customers' specifications are achieved while adhering to Australian standards.

Case Studies

Test bench with enclosed testing facility

An oil and gas industry service provider required a test unit that could be externally connected to a heavy duty protective testing cell. They specified that all testing within the cell be conducted from the test bench remotely, and be capable of handling pressures from 500 to 30,000psi.

Additional features of this custom unit included a televised monitoring unit within the cell, and automatic filling and emptying capabilities, all of which were implemented by Nessco Pressure Systems.



Standard HPU with integrated receiver

A research facility involved in the study of underground carbon storage commissioned Nessco Pressure Systems to adapt a standard high pressure unit to suit their specific requirements.

A Hydratron HPU was customised to include a high pressure receiver connector in order to compress carbon dioxide to a pressure of 10,000psi. This integration was completed to the clients specifications, and conducted in-house at Nessco Pressure Systems.



Containerised valve test bench

Nessco Pressure Systems worked closely with a pressure testing service provider, in order to produce a portable test facility that was 100% custom engineered to meet their specifications.

A mobile shipping container was fitted with a pressure relief valve test bench, capable of testing pressures of up to 10,000psi, both hydrostatically and with gas.

The facility was also equipped with a 100 tonne clamping fixture, internally mounted jib crane and an externally recessed bulkhead through which compressed air, nitrogen and electrical utilities can be connected.



**For further information,
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