

PIRTEK

OIL & GAS



W. P. 3200 bar

= SPIR STAR =

MADE IN GERMANY



PIRTEK

OIL & GAS

01/07/2026



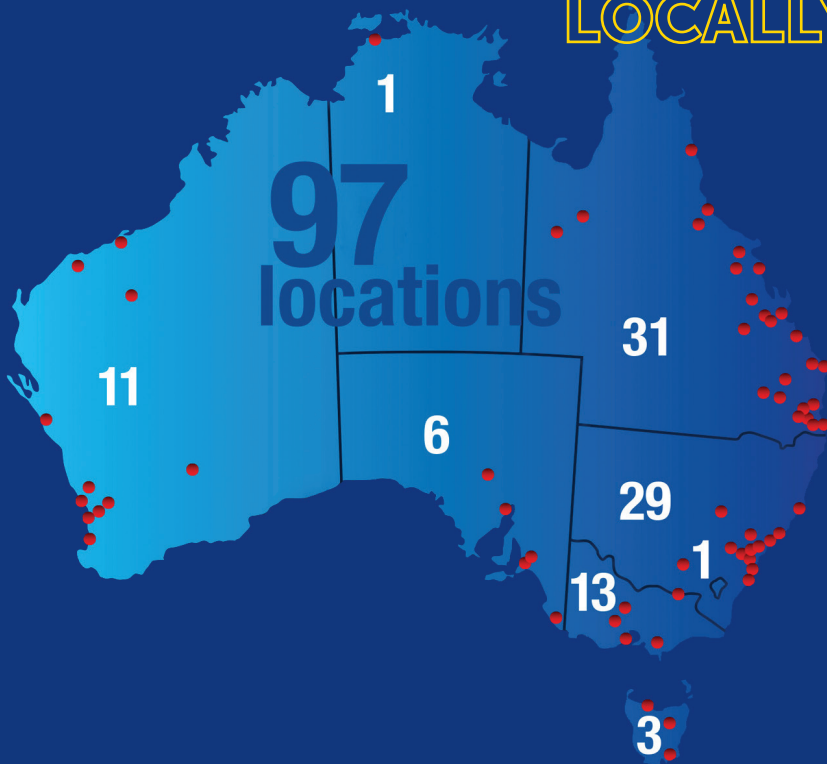
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Proudly and uniquely Australian, Pirtek are the market leader in providing our diverse group of customers with a comprehensive portfolio of fluid transfer solution products and services in the hydraulic and industrial hose market place. Both locally and internationally, the Pirtek Network has earned an enviable reputation of providing its customers with high-quality products and superior standards of customer service and support.

The formation of Pirtek Oil & Gas as a specialised supplier of low, high & ultra-high pressure hose assemblies will enhance Pirtek's total offering by providing state of the art specialist products and services with more than 30 years combined experience specifically in the oil and gas industry.

GLOBAL SERVICE LOCALLY



GLOBAL

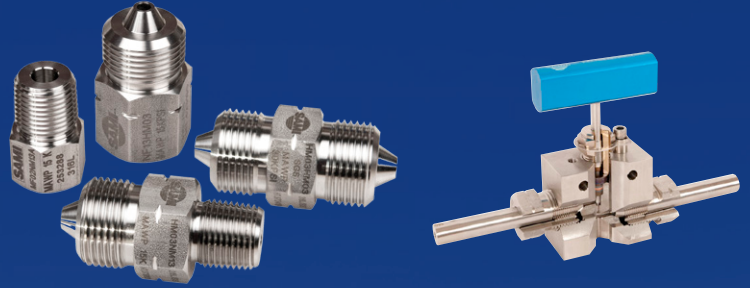


UHP VALVES AND ADAPTORS

Sami Instruments ultra high pressure valves and fittings from 1000 to 4500 bar working pressure.

ULTRA HIGH PRESSURE ASSEMBLIES

Pirtek is a certified and audited SPIR STAR assembly centre carrying a large range of water blast, jacking and methanol injection hoses and fittings. Testing and certification equipment ensures compliance to Australian and International standards.



HYDRAULIC HOSE ASSEMBLIES

Bridgestone, one of the world's finest hydraulic hose manufacturers, matched with quality Intertraco couplings, provides high integrity assemblies to support the rigorous demands of the oil and gas industry. Complementing this range is Synflex thermoplastic hydraulic and sub sea compliant hose and fittings.



DRILLING HOSE ASSEMBLIES

Rotary Drilling / Vibrator / Cementing Hose Assemblies Flexible connection between standpipe and swivel or between pump and standpipe. Standard: API Spec 7K

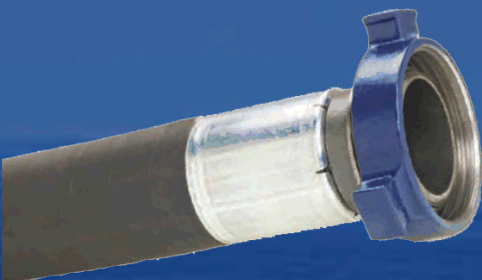
BOP (Blow Out Preventer) Hose Assemblies

Control hoses designed to operate in an emergency and resist flames at 700°C for 5 minutes. Standard: API Spec 16D



Choke & Kill Hose Assemblies

Designed to assist with well control during pressure surges and is available with stainless steel armoured or wire braided outer cover. Standard: API Spec 16C



FRACTURING HOSE ASSEMBLIES

Oil & gas fracturing hose for delivery of drilling water, mud, chemicals, slurry and oil. These hoses operate at 400 psi and are fitted with a variety of ends including one piece integral hammer unions.

UTILITY HOSE ASSEMBLIES

Air, water, fuel, multi-purpose & nitrogen hoses to meet oil & gas industry quality demands.



INSTRUMENTATION TUBE FITTINGS AND VALVES

Pirtek holds a comprehensive range of Let-Lok instrumentation tube fittings and Ham-Let quick release couplings and valves manufactured from high grade materials in strategic locations around the country.

FIRE HOSE ASSEMBLIES

A range of fire lay flat hose assemblies that comply with domestic and international standards. Available in various sizes and coupling types fitted with pneumatic powered banding clamps to maximise service life longevity.



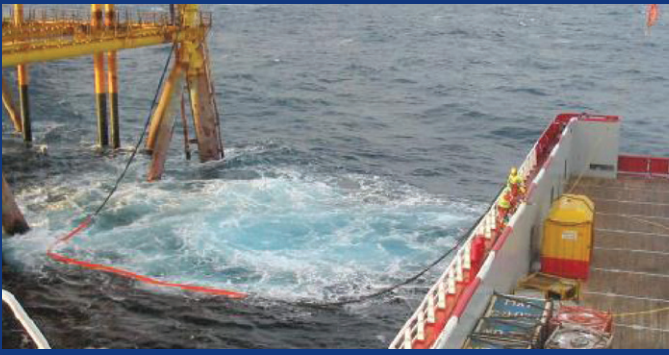
CAMLOCKS

This range of NPT threaded adaptors and crimp tails are used as a quick release coupling system and come complete with a unique locking lever. Available in aluminium and stainless steel, with other materials on demand. Meets NATO Military specifications.

HAMMER UNIONS

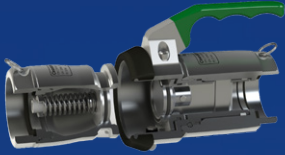
Available in a variety of configurations from figure 50 (50 psi) to 1502 (15,000 psi) with threaded and butt-weld ends. Included in the range are pup joints, steel hose loops and rotary swivel joints with multiple configurations.





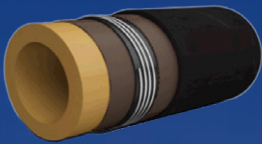
BULK LOADING HOSE ASSEMBLIES

Designed to supply cement, fuel, potable water and drilling materials to offshore facilities via floating strings from offshore supply vessels in adverse conditions. A very robust range of hoses complete with crimped end fittings, floats, breakaway & dry disconnect couplings ensure longevity with a minimum of risk.



QUICK CONNECT/DISCONNECT DRYBREAK COUPLINGS

The use of a Dry Disconnect Coupling ensures zero spillage during connection and disconnection. Interchangeable with other brands of couplings complying with STANAG, the industry's most common standard.



BREAKAWAY (WEAK LINK) COUPLINGS

Adverse sea conditions may cause the hose string to be broken while in use. A breakaway (weak link) coupling is designed to break its bolts under excessive tensile load and automatically seal to prevent loss of medium.



HOSE END TERMINATION INTEGRITY

Long length, thick walled and high tensile load hoses coupled with double galvanized or high grade 316 stainless steel crimp fittings ensures lifecycle durability.

HOSE FLOAT COLLARS

Manufactured from hi-viz yellow polyethylene, this design is convenient to attach to the hose, secured with rubber discs that are cut to the correct hose profile and clamped together under controlled tension.



HOSE HANDLING DAMAGE

Offshore hose strings endure harsh conditions during deployment. The use of double eye swivel hose lifters provides a secure lift point and allows the hose to follow it's natural form while being mobilised. Hosebuns are valuable where a hose assembly needs to be suspended and hose caddys take the effort out of mobilising on deck.



Double Eye Swivel



Hose Bun



Hose Caddy



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ACCREDITED FOR
TECHNICAL
COMPETENCE

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LOADOUT AND SUBMARINE HOSE ASSEMBLIES

A comprehensive range of single and double carcass, submarine and floating hoses complying with OCIMF and API 17k requirements are available on demand. Experienced staff are available to assist with installation, mobilization and repairs and testing in accordance with manufacturers and international standards and guidelines.

This includes in service and integrity inspections usually in demand from responsible and ecologically minded operators. Accessories include chains, valves, breakaways, floats and quick release camlocks. Also available are the high performance Admiral series capable of SAL and hose reel installations.



FPSO TURRET SYSTEMS (MULTI-BORE RELEASE)

Multibore Turret Connector Systems: a custom-designed multiple function QCDC for disconnectable FPSO turret installations – requiring release of the risers due from typhoon, hurricane, cyclones or other such conditions.

DOUBLE BALL VALVE & EXTERNAL RELEASE SYSTEM

A system that provides protection to operating staff and the environment during installation by isolating the product flow and providing rapid release under extreme or emergency situations.

TANKER LOADING SYSTEMS BOW CONNECTION PACKAGES

From simple to sophisticated solutions for a variety of offshore product loading applications, including dedicated export tanker BLS systems, mid-ship manifold connectors, various valving options and associated operating packages.



HOSE MANAGEMENT SERVICE

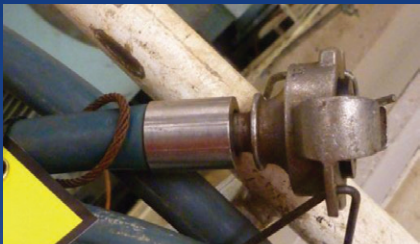
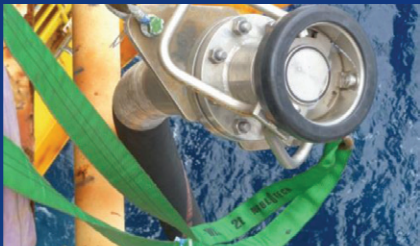
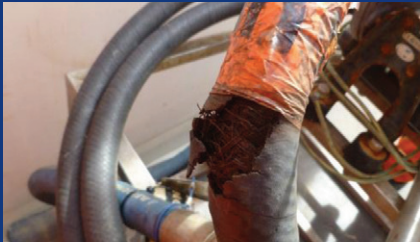
Hose failure is responsible for nearly half of all equipment downtime. It is therefore vital that a comprehensive risk management process is in place to maintain equipment integrity.

- Pirtek Oil & Gas has the practical experience and professional expertise in providing comprehensive Hose Management Services (HMS) to meet all client requirements.

These services include;

- Recognising existing client policies, systems and datasheets to better facilitate audit planning
- Performing on-site hose surveys to capture a current snap shot of client assets via Pirtek's Hose Management Database
- Reporting on compliance between current hose status and client policies or industry specifications
- Providing recommendations on remedial actions to bring current hose status up to acceptable standards
- Maintaining and submitting a client specific hose register database as per agreed intervals
- Conducting regular auditing campaigns to ensure hose status compliance is maintained

Regular hose audit inspections can reveal hose integrity issues such as degradation or damage, mishandling as well as end fitting retention deficiencies which all impact on the safety of personnel, the environment and equipment.



Pirtek's integrated Hose Management Database is designed to provide full hose assembly life cycle control including such sectors as;

- Hose identification and component detail
- Scheduled in-service or offsite inspection activities
- Test event records and activity reminders
- Pre-emptive or current replacement planning
- Failure mode and discard analysis

Basic Profile/Hose Testing Details Detailed Hose Specifications Design Criteria/Testing Requirement(s) Other Documentation/Attachments Test Scheduling Changes									
Customer Name		Customer Email		Customer Name		An asterisk (*) indicates required information			
Customer Number		Customer Email		Customer Name		Test Only			
Basic Hose Profile		Part No.		Customer Part No.					
Customer Material No.		Function Location		Location One					
Location Two		Location Three		Location Four					
Location Five		Operation		Method of securing					
Installation Date		Manufacture Date		Manufacturer					
Hose Exped.		Description							
Hose Testing Details		* Hose Requires a Test Plan		* Hose Requires a Test Plan					
* U/L's Code		* Test Plan Start Date		* Test Plan End Date					
* Test Type		* Test Interval		* Test Interval					
Last Completed Test		* Send a Reminder To Client		* Reminder to go off before					
Reminder Settings		* Send a Reminder To Client		* Reminder to go off before					
Hose Test Plan for - 1234									
Hose Serial No		Test Date		Status		Action Description/Test Type		Test Results	
1234		30/12/2012		Pass		Pressure Test		Pass	
1234		30/12/2012		Fail		Test		Fail	
1234		01/01/2013		Test		Test		Test	
1234		30/12/2013		Test		Test		Test	
1234		30/06/2014		Test		Test		Test	
1234		29/12/2014		Test		Test		Test	



The unique Pirtek tagging system allows for accurate identification and data retrieval to assist with cost effective inspection activities.

As a fail safe, each hose end is permanently stamped with an identifier to ensure the hose is always identifiable. A range of custom designed stainless steel tags cabled to the hose for lasting security is also available.

Pirtek offers a wide range of hydrostatic testing services through its NATA accredited laboratory to client specific needs and to industry governing standards including;

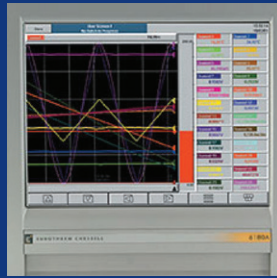
- AS1180
- ISO 1402
- MDG41
- SAE J343
- ASME B16.5 II

				This document is issued in accordance with NATA accreditation requirements. Accredited for compliance with ISO/IEC 17025. Accreditation number 15742			Customer: #N/A		Page 1 of 2	
							Customer Address: #N/A			
							Order Number:		Order Date:	

HOSE ASSEMBLY EQUIPMENT

A state of the art testing facility incorporating multi stage pumps to test hose and pipe assemblies up to 4500 bar (65,000 psi).

- Full stainless construction complete with 10mm polycarbonate viewing window
- Safety pressure relief when door opens
- Large internal dimensions to accept pallets
- Fast prefilling and air purging
- Touch screen data logging management system



Pirtek Oil & Gas have some of the world's most powerful and sophisticated crimping equipment available

- 35,000kN (3,500 tonne) radial force 14" hose capability able to clear 12" 150lb flanges (BS 1400)
- Touch screen computer control with data logging function and Android software
- Pinch de-compressor and springback compensator technology with variable speed control

ANCILLARY EQUIPMENT

1. Hose perforation device used to convert hoses to gas use
2. Various dustless cutting machines capable of cutting hose up to 200mm in diameter
3. Variable speed motorised reeler able to be operated at 0 or 90 degrees
4. Insert devices capable of fitting hose stems up to 300mm nb
5. Dot peen and vibro marking machine for identifying fittings and producing test tags

