

PIRTEK

Capability Statement

2019





WE'LL KEEP YOU OPERATING

About PIRTEK

Our Vision

To develop strategic relationships with customers at a Local, National & Global level. We will collaborate with world class suppliers to bring innovation & value. We will deliver this through a committed & engaged team working cohesively across the business.

Our Mission

We'll Keep You Operating

Our Promise



Kieron Goss
Managing Director
Pirtek Africa



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Background

Since 1980, Pirtek has led the market in providing our diverse group of customers with an equally diverse portfolio of fluid transfer solution products and services.

Through our highly awarded franchise network, and international expansion, we have built the broadest local and international footprint in the industry.

Sono matter the job, Pirtek will have someone there to help you.

Today, Pirtek is the world's leading supplier of premium fluid transfer solutions.



New Pirtek South African National Office
Waterfall City – Johannesburg, South Africa

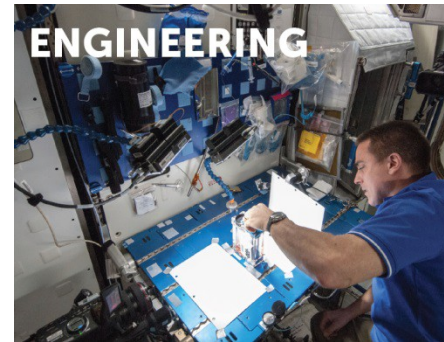
Pirtek Global Coverage





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Industries We Serve



Supply Partners

The difference between Pirtek & other fluid transfer solution providers is the International quality standards & procedures of our Company and those of our Global Supply partners.

Some of those key Partners are:

Bridgestone – Japan - Hydraulic Hose – braided and multi-spiral

Intertraco – Italy (Bridgestone-aligned company)
- Hydraulic Hose Tails, Adaptors & Quick Release Couplings

IVG – Italy - Industrial Rubber Hose / Mining Hose

Supported with expertise established by Pirtek over 37 years in Australia – Delivering productivity, reliability, financial savings & safety.

BRIDGESTONE



Bridgestone Rayong Plant

intertraco

ivg colbachini spa
INDUSTRIAL RUBBER HOSE

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OEM Approvals

Pirtek & our employees have been actively working with OEM's for decades. Today, as a result of our proven products and service Pirtek is confidently recommended by many global OE Manufacturers.

Pirtek is endorsed and approved in South Africa for OEM supply by:

- Komatsu
- Sandvik Mining
- Atlas Copco
- JOY Global
- GHH Mining
- Rham Equipment
- Fermel
- Bell Equipment



Pirtek & the Environment

To help ensure a healthy environment for current and future generations....

We the Pirtek Group, are committed to continually working towards sustainable practices with integrity & in unity with our customers, partners & community.

Therefore we are focused on three objectives:



In harmony with nature

To contribute to biodiversity through environmental education & research



Value natural resources

To improve natural resource conservation through operational improvements & product design.



Reduce CO₂ emissions

To continually reduce emissions of Greenhouse gases including CO₂ from our products complete life cycle

Learning & Development

Capability is one of the foundation elements of Pirtek's operations. As such we invest heavily in our training programmes.

Pirtek is a MerSeta Registered Training Organisation (RTO) which means we can deliver training to our own staff and the staff of our customers.



BPI – Testing & Certification



**CERTIFICATE
OF REGISTRATION**

This is to certify that:

Pirtek Fluid Systems Pty Ltd

ABN 71 108 854 105

BPI Technologies Pty Ltd

ABN 58 127 418 503

Pirtek OEM Pty. Limited

ABN 43 123 752 983

3-7 Garling Road Kings Park NSW 2147 AUSTRALIA
OEM Mackay 20/22 Success Street Mackay QLD 4740 AUSTRALIA

(Refer to Attachment to Certificate of Registration dated 6 July 2017 for additional certified sites)

operates a

QUALITY MANAGEMENT SYSTEM

which complies with the requirements of

ISO 9001:2008



BPI (Bridgestone Pirtek Intertraco) Technologies established in 2009 is a company dedicated to providing industries, both locally and internationally with premium quality testing, certification and analysis services.

Our NATA accreditation coupled with our third party ISO 9001:2008 Quality Management System certification provides our client base with a wide range of testing services meeting all relevant International standards. The flexibility of our system also allows for testing to meet individual client specifications if required.

Our state of the art laboratory has a wide range of testing equipment catering to a vast range of industries including: Automotive, Defence, Engineering, Food & Beverage, Manufacturing, Mining, OEM, Oil & Gas and Pharmaceutical.

With our experienced and skilled team, BPI Technologies also offer:

- Test reports
- Cause analysis reports – Internal NDT inspections (colour photos and video available) can be conducted with a Borescope
- Assessment of conformity with specifications - Assistance with research and development & Interpretation of results



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Best Of Class - Hose

- Abrasion resistance 6 times better than ISO 18752 standard nominates
- Pirtek Class & PC range meet / exceed SAE 100R specifications
- Pirtek PC range impulse testing exceeds SAE J517 & ISO 18752 requirements. Peak waveform is used (150 % times the hose W.P) instead of square waveform (133% times the hose W.P) which means tests are performed with a higher pressure peak and for 1.2 million cycles compared to SAE/ISO standard 200 000 for braided hose and 500 000 for spiral hoses
- Comparison to CAT hoses impulse testing: XT5ES (R13) 120% for 1million cycles, XT6ES (R15) 120% for 1 mil cycles, and XT3ES (R12) 133% for 1 mil cycles
- Pirtek PC range of hoses (general supply to market) are the Genuine Komatsu OEM hoses

 **BRIDGESTONE**

Best Of Class - Fittings

- All Pirtek fittings manufactured in Italy by group company Intertraco
- Intertraco was established in 1979 with Global HQ in Italy. Every company in the group has ISO 9001 certification
- One piece design (ferrule and insert are pre-mated and pre-crimped)
- No-skive up to 2" , eliminating skiving of hoses which saves assembly time and reduces risk of assembly error
- No welds - all fittings are machined from solid bar stock for improved reliability
- Fittings are marked with the manufacture's logo, ferrule series & size, and a batch code for full traceability right back to the raw material
- During the manufacturing process critical dimensional points are measured with lasers to ensure conformity with the production drawing
- Plating used is based on Trivalent Chromium (Chromium 6 free), with fittings salt spray tested to over 500 hours before red rust, that's 7 times more than the SAE J516 requirement



 **intertraco**



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Pirtek Product Range

Hose & Fittings

Hose & fittings, adaptors, valves, brassware, Let-Lok, Clamps, Spill Kits, Spir Star ultra high pressure hose & fittings.

Mining, Industrial, Oil & Gas applications.

Expert design & engineering capabilities. Full accredited training & support



Centralised Lubrication

Single-Line, Progressive & manual Lubrication Systems, Duel-line & Multi-line applications for fixed plant.

Mining, Construction, Forestry & Industrial applications.

Expert design & engineering capabilities. Full accredited training & support



Diesel & Oil Quick Fill

Endorsed Fast Fill exclusive supplier for the Australia/Asia Pacific region. Pressure & Pressureless, diesel systems, Diesel nozzles & receivers, Oil & coolant components that interchange with competitors. Matrix Range.

Mining, Quarrying & farming for mobile equipment



Fire Suppression

Using fully South Africa made components and systems supplied by I-CAT.

Mining, Quarrying, Forestry & Industrial mobile applications.

Expert design & engineering capabilities.



Pirtek Product Range

Lubrication & Equipment

Oils & transfer equipment, Lubricants, Grease, Fuel equipment & chemical pumps, Air equipment, Diaphragm pumps & LEDlight, Hose reels, Protect Lanolin & Adhesive products, Automotive hoses, Air conditioning hose & fittings, Cable ties & Pirte Staple retainers



Instrumentation

Valves & Fittings, testing & certification, HAM-LET Let-Lok fittings, Exclusive Australian distributor.

Twin ferrule tube mechanical grip compression fittings in both brass & 316 stainless steel, imperial & metric. NPT, BSPT, BSPP & JIC threaded connections



Hose Protection

Diffusion abrasive resistant sleeves for hoses, Anti-whip devices

Used where risk of personal injury & extension of the life of the hose are required. Maximum control of unrestrained energy



Spill Control

Environmental & spill control products. All-in-one Pirtek general purpose, oil only & hazchem clean up kits, replacement kit components, mini booms, pads, pillows & drain protection systems.

Clean-up & containment of spills.

Spill Control management programmes



Pirtek Product Range

Convuluted Stainless

Manufacture of unbraided, single wire & double wire convuluted hoses.

Full range of mild steel, stainless steel, brass & copper hose ends. Testing & refurbishment of old hose assemblies



Pneumatic

Authorised distributor of Nitto pneumatic products.

Machine tools, pneumatic tools & quick release couplings.

All products manufactured to ISO9001 Quality standards.

Adoption of Green procurement policies



Pressure Cleaning

Broad range of quality Italian made PA pressure cleaner accessories.

Suits light to heavy duty commercial & Industrial applications.

Guns, lances, nozzles, hose assemblies, couplings, valves, fittings & filters.

Machines in electric, diesel & petrol



Tagging

Proactive maintenance strategy.

National identification system.

Colour-coded tags applied when hose is assembled.

Records the hose age, components used & contact number of originating Pirtek Centre



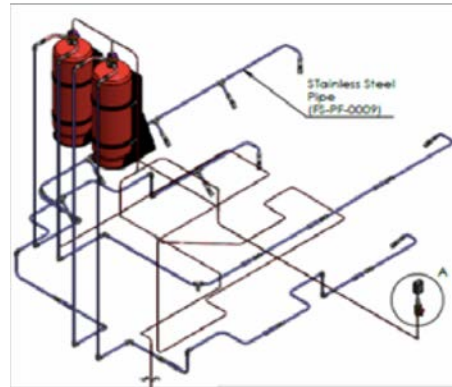
Fire Suppression

I-CAT Fire Suppression

I-CAT is a South African manufacturer and premiere supplier of high quality fire suppression equipment. I-CAT manufacture pre-engineered foam spray systems for mobile plant and equipment for the Mining, Construction, Transport, & Forestry industries. Pirtek and I-CAT have formed an alliance for the distribution of I-CAT Fire Suppression Systems.

Our offer includes:

- Portable/Hand Held Extinguishers
- Vehicle Protection Systems
- Electric Actuation Systems
- Localised Protection systems for fixed plant
- Servicing of Systems
- SABS and SAQCC approvals



Hose Management Solutions

Basic Profile / Hose Testing Details | Detailed Hose Specifications | Design Criteria / Testing Requirement(s) | Other Documentation / Attachments | Test Scheduling Changes

Centre: Test Centre
Customer Number: Test01
Centre Email: khalouch@pirtek.com.au
Customer Name: Test Only
An asterisk (*) indicates required information.

Basic Hose Profile

* Part No.: R2AT-00...
Customer Part No.: 1234...
Function Location: Test Customer...
Location One: Main Building...
Location Two: Loading Dock...
Location Three: Crane 1...
Location Four: Main Area...
Installation Date: 02/07/2012...
Manufacture Date: 02/07/2012...
Manufacturer: Pirtek...
Hose Expired: ...
Description: ...

Hose Testing Details

* Life Cycle: 5...
* Test Type: Test...
* Test Plan Start Date: 02/07/2012...
* Test Interval: 182...
* Hose Requires a Test Plan: Yes...
* Next Test Date: 02/07/2012...
* Last Completed Test: ...
* Send a Reminder To Centre: Yes...
* Reminder to go off before: 21... Days

Hose Test Plan for - 1234

Hose Serial No	Test Date	Status	Action Description / Test Type	Test Results	Failure Reason	Test Description
1234	02/07/2012	Pass	Pressure Test	Pass		
1234	31/12/2012	Fail	Test	Fail		
1234	01/07/2013	Fail	Test	Fail		
1234	30/12/2013	Fail	Test	Fail		

- Hose management in the customers' workplace
- Enable Industry to benefit from savings within a consumable spare parts product range
- Integrated Electronic Hose Management database for scheduled in-service inspection, testing, discard analysis & change out of hose assemblies
- Designed to document Hose assembly data derived from plant & equipment surveys generating 'Best Practice' for personnel safety, equipment performance enhancement & machinery up-time.

Reporting Capabilities – KPI's



- Valuable tool for customers, particularly those operating large fleets of mobile equipment or large industrial operations with automated hydraulic systems.
- Information provided:
 - Data on Pirtek product performance
 - Sales reports
 - Expenditure reports
 - Demonstrates operator abuse
 - Highlights equipment with recurring failures



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Services

- 24 hours a day, 7 days a week service
- Rapid response time
- Highest quality product
- Tagging system identified
- Vendor managed inventory
- Hose and fitting kits
- Satisfaction of customers' bulk supply requirements
- Fire suppression services
- Periodic maintenance and replacement of perishable equipment
- Supply and installation of greasing and lubrication systems
- Production Hose Making Equipment
- Certified & Qualified Hose Technicians
- Testing & Certification
- Hose Cleaning
- Environmental product awareness inductions including Spill Bin Audits
- Tube Bending / Light Machining
- Traceability
- LinkOne drawings
- Lower Cost Pre-made Hose Kits
- Registered Training Organisation (RTO)
- On-Site Mobile Hose Making Workshops



WE NEVER LET YOU DOWN

PIRTEK
SERVICE

WE'LL
KEEP YOU
OPERATING

PIRTEK
PEOPLE

SOLUTIONS UNDER PRESSURE

PIRTEK
PRODUCTS

CUTTING EDGE QUALITY

PIRTEK
SYSTEMS

GROUND BREAKING EFFICIENCY



WE'LL KEEP YOU OPERATING