



IRP FIRE & SAFETY LTD.

A member of the IRP Group of Companies

Hose Management Services



IRP FIRE & SAFETY LTD.

A member of the IRP Group of Companies



Hose Management Services

Contact information:

Richard Thompson
New Business Development Director
Office : 674-0696 Ext. 1271
Cell: 1868-392-0839
Email: richard.thompson@irpltd.com

A member of the IRP Group of Companies

119 Boundary Road, San Juan, Trinidad
Tel: (868) 674-0693/0694/3632
Fax: (868) 674-0736 · www.irpltd.com



CARIBBEAN

Aruba, Bonaire, Curacao,
Antigua & Barbuda, Anguilla,
Barbados, Bahamas, Dominica,
Grenada, Jamaica, Montserrat,
St. Eustatius, St. Kitts & Nevis, St.
Maarten, St. Lucia, St. Vincent &
The Grenadines.

CENTRAL AMERICA

Belize

SOUTH AMERICA

Guyana
Suriname

WHERE WE DO BUSINESS



Contributing editors Richard Thompson,
Nikita Mohammed, Varun Balloo
Layout Artist Varun Balloo
Designed by Guess Who Concepts Ltd.

www.irpltd.com

Address: 119 Boundary Road,
San Juan, Trinidad W.I.
Phone: 674-0693 I 0694 I 3632.
Fax: 674-0736 I 675-3873
Email: csr.fse@irpltd.com



Message from the New Business Development
Director of IRP Fire & safety Ltd.



Within the past couple months, we have integrated our Hose Management Services within IRP Fire and Safety in a strategic move to improve the customers service and expand our Hose Integrity Management knowledge base.

Throughout the region, our clients understand the cost savings and engineering benefits related to our service and support. We provide engineering support and drive hose management campaigns including Risk Based Inspections. These prevent premature failures, downtime, and losses by managing inspection and replacement frequencies.

We focus on quality and integrity, offering the very best solution at the most cost effective price. We always take the time to engage our clients, understand requirements and reduce risk. We are here to help in any hose management services and would be happy to assist in Trinidad or throughout the Caribbean.

Warmest Regards,
Richard Thompson
New Business Development Director of IRP Fire & safety Ltd.

Hose Management Services (HMS)

TABLE OF CONTENTS:

- INTRODUCTION / CUSTOMER CARE
1. OUR SERVICES
1. HOSE INSPECTION, PRESSURE TESTING & CERTIFICATION
2. OUR PRODUCT LINES
- FLEXIBLE HOSE ASSEMBLIES (FHAs)
- PLATFORM HOSES
- HIGH PRESSURE PRODUCTION HOSES
- HOSE ACCESSORIES
- COUPLINGS & FITTINGS
3. SPECIALISED COUPLINGS FOR THE OIL & GAS INDUSTRY
- TUDO-MATIC DRY DISCONNECT COUPLINGS
- KLAW MARINE BREAKAWAY COUPLINGS
- MARINE LOADING ARMS
4. Some of our Hose Range
5. Some of our Hose Range

Our commitment to providing the highest quality service to our clients makes us what we are today, the premier supplier of strategic customer care solutions. Customer care is key to our growth and continued profitability as it has been since our inception. Comprised of trained technical and professionally certified staff, we stand behind our promise to deliver timely, quality service. We measure, monitor and report to ensure our performance exceeds industry standards.



CUSTOMER CARE SERVICE

Some of our Hose Range

PS10 BAR Potable Water Delivery Hose



Construction

Tube: Red, non-toxic natural rubber
Reinforcement: Synthetic cord
Cover: Orange EPDM rubber with yellow stripe
Temperature Range: -40°C to +70°C

Typical Application:

Potable Water delivery in offshore applications

Part Number	Inside Diameter		Outside Diameter		Working Pressure		Min. Burst Pressure		Min. Bend Radius	Weight	Cont. Length
	mm	Inch	mm	Inch	BAR	PSI	BAR	PSI	mm	Kg/m	Mtr
Offshore PS10	76	3	92	3.62	10	150	40	600	686	2.75	122
Offshore PS10	102	4	124	4.88	10	150	40	600	915	5.10	122

End fittings and safety accessories available include but are not limited to: API Male Threads, Hammer Unions, Flanges, Camlocks, Victualic Grooved Inserts, Dry Break Couplings, Weaklink/Breakaways, Lifting Hooks c/w safety clamps, lace up and clip on reflective flotation collars.

FH10 TROON Oil Suction & Delivery Hose



Construction

Tube: Black nitrile rubber
Reinforcement: Synthetic cord and an embedded helix wire and copper wires
Cover: Black synthetic rubber with brown stripe
Temperature Range: -30°C to +90°C

Typical Application:

Fuel Oil, Liquid Mud containing Crude Oil and Grit suction and delivery in offshore applications

Part Number	Inside Diameter		Outside Diameter		Working Pressure		Min. Burst Pressure		Min. Bend Radius	Weight	Cont. Length
	mm	Inch	mm	Inch	BAR	PSI	BAR	PSI	mm	Kg/m	Mtr
Offshore FH10 Troon	76	3	93.5	3.68	10	150	40	600	500	3.75	122
Offshore FH10 Troon	102	4	120	4.72	10	150	40	600	600	5.2	122
Offshore FH10 Troon	127	5	151	5.94	10	150	40	600	900	8.55	61

End fittings and safety accessories available include but are not limited to: API Male Threads, Hammer Unions, Flanges, Camlocks, Victualic Grooved Inserts, Dry Break Couplings, Weaklink/Breakaways, Lifting Hooks c/w safety clamps, lace up and clip on reflective flotation collars.

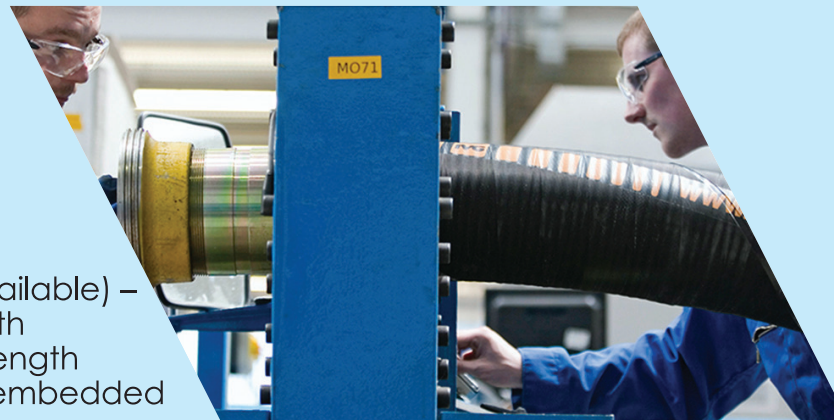
www.irpltd.com

Hose Management Services (HMS)

PRODUCT LINES

FLEXIBLE HOSE ASSEMBLIES (FHAs)

- Bunkering Hoses (DNV rated colour coded with high visibility ends) – Bulk transfer of Potable Water, Diesel, Methanol, Fuel Oil, Cement and Barite
- Chemical Hoses (Colour Coding available) – PVC, Composite & Rubber hoses with reinforcements available in high strength Synthetic Fibres with Copper Wires embedded in hose body



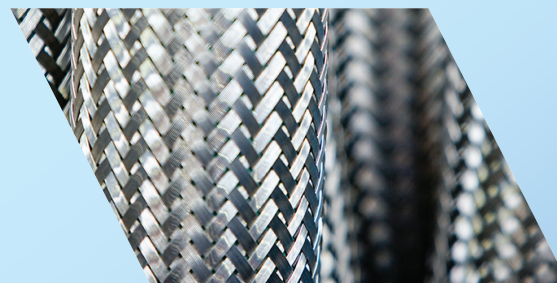
HYDRAULIC HOSE

- Utility Hoses (Colour Coding available) – Air, Nitrogen, Utility Water, Multi-Purpose & Steam Hoses
- Industrial & Hydraulic Hoses (including high pressure) – Rubber or Thermoplastic with reinforcements available in wire braid, wire spiral or textile for Hydraulic Fluids, Air, Chemicals, Oil, Steam, Water, Glycol, Grease, Lubricants



METALLIC HOSE

- Metallic Hoses (reinforcements available) – Stainless Steel or PTFE covered for strength, high temperature resistance, corrosion resistance, enhanced service life



HOSE ACCESSORIES

- Flotation Collars (KPL)
- Lifting Collars (Hookies) - Rated for offshore applications
- Hose Buns - patented urethane hose saddle to suspend hoses offshore
- Hose Reels – Utility and Bunkering Reels



www.irpltd.com

Hose Management Services (HMS)

SPECIALISED COUPLINGS FOR THE OIL & GAS INDUSTRY

COUPLINGS & FITTINGS:

- Nylon Coated Threaded Nipples
- Hammer Unions
- Specialised Quick Connect
- Camlocks
- Glenlock unique non-interchangeable fittings



SPECIALISED COUPLINGS FOR THE OIL & GAS INDUSTRY

• TODO-MATIC Dry Disconnect Couplings –

Without exception, the most compact, light weight, high flow self sealing coupling system available to provide no spillage and high flow.

• KLAW Marine Breakaway Couplings –

Designed specifically to be installed within a hose string, where the coupling would have a length of the hose attached to both sides.

Breakaway connection is designed to automatically break in two when subject to tensile loads preventing pull-away accidents, damage to personnel and equipment, pollution and costly product loss.

MARINE LOADING ARMS

Emco Wheaton Marine Loading Arms

- Used to transfer bulk liquids
- Swivels are designed for lifetime operation
 - Self supporting design
 - Manual or powered
- Emergency release, alarm and remote control systems available



www.irpltd.com

Some of our Hose Range

FS10 ABERDEEN Heavy Duty Oil Delivery Hose



Construction

Tube: Black nitrile rubber
Reinforcement: Synthetic cord plies and copper wires
Cover: Black synthetic rubber with brown stripe
Temperature Range: -30°C to +90°C

Typical Application:

Fuel Oil, Liquid Mud containing Crude Oil and Grit delivery in offshore applications

Part Number	Inside Diameter		Outside Diameter		Working Pressure		Min. Burst Pressure		Min. Bend Radius	Weight	Cont. Length
	mm	Inch	mm	Inch	BAR	PSI	BAR	PSI	mm	Kg/m	Mtr
Offshore FS10 Aberdeen	76	3	91	3.58	10	150	40	600	686	2.3	122
Offshore FS10 Aberdeen	102	4	118	4.64	10	150	40	600	918	3.2	122

End fittings and safety accessories available include but are not limited to: API Male Threads, Hammer Unions, Flanges, Camlocks, Victualic Grooved Inserts, Dry Break Couplings, Weaklink/Breakaways, Lifting Hooks c/w safety clamps, lace up and clip on reflective flotation collars.

CH10 JURY Bulk Material Suction & Delivery Hose



Construction

Tube: Black SBR/NR Rubber
Reinforcement: Synthetic Cord embedded helix wire and copper wire
Cover: Black synthetic rubber with green stripe
Temperature Range: -40°C to +70°C

Typical Application:

Cement, baryte and dry powder suction and delivery hose

Part Number	Inside Diameter		Outside Diameter		Working Pressure		Min. Burst Pressure		Min. Bend Radius	Weight	Cont. Length
	mm	Inch	mm	Inch	BAR	PSI	BAR	PSI	mm	Kg/m	Mtr
Offshore CH10 Jury	102	4	124.5	4.9	10	150	40	600	600	5.8	122
Offshore CH10 Jury	127	5	149.5	5.9	10	150	40	600	900	6.5	61

End fittings and safety accessories available include but are not limited to: API Male Threads, Hammer Unions, Flanges, Camlocks, Victualic Grooved Inserts, Dry Break Couplings, Weaklink/Breakaways, Lifting Hooks c/w safety clamps, lace up and clip on reflective flotation collars.

www.irpltd.com



Hose Management Services (HMS)



We are the Caribbean's leading provider of hose management solutions. We're not just a supplier, we're service providers! We go far beyond an extensive selection of quality assured hoses, fittings and accessories suitable for all applications.

We truly offer **Hose Management** as a service, owing to a robust relationship with Hydrasun and a full traceability hose register system via hydralink. This offers our clients access to hose registers and detailed reports. Our state of the art machinery offers engraving on ferrules as well as perforated options for low and high pressure applications. Our expertise includes design and engineering support for bunkering applications, crane hydraulic hose mapping, hose inspection, pressure testing and installation.

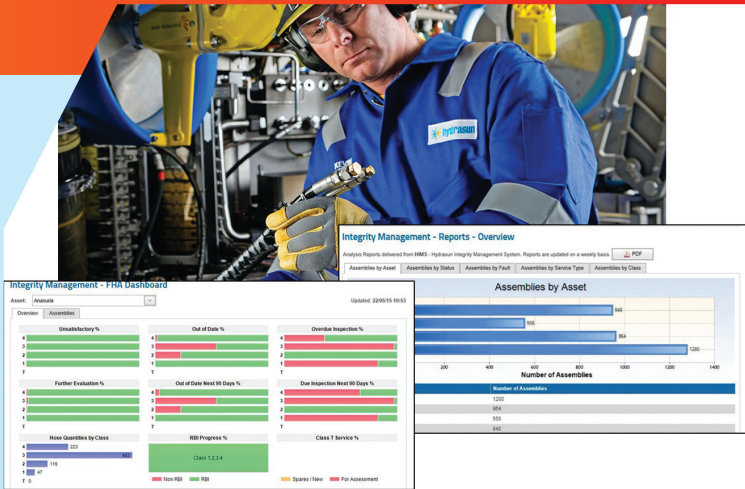
We take pride in our relationships with other world leaders in the business - Continental, Emco Wheaton and KLAU. We are proud to offer trusted brands such as Gates, Manuli, IVG and Kurt Hydraulics. Our approach follows the UK Energy Institution Guidelines and incorporates standards set within UKOOA (UK Offshore Operators Association) and GOMO (Guidelines for Offshore Marine Operations).

Customer satisfaction is our main concern. Our professional and competent team members include OPITO and Hydrasun certified inspectors and technicians. We take the extra effort to reduce downtime for all our clients including BPTT, BHP, Shell, Petrotrin, Unipet, ALNG and many others.

SERVICES

HOSE INSPECTION, PRESSURE TESTING & CERTIFICATION

- Internationally trained, OPITO certified Hydrasun/HMS Inspectors & Technicians
- Stringent pressure testing procedures for low and high pressure applications
- Digital Pressure Gauge data and graphical outputs
- Hydrasun's Risk Based Inspection Module - Full traceability hose registers and reports readily available - serial numbers, location tag numbers, ferrule roll stamping and metal tag labels.



ADDITIONAL SERVICES

- Hose mapping/routing – cranes & offshore DNV rated machinery
- Bunkering/ marine hose reel design
- Offshore Shutdown Units for Hose Assembly & Pressure Testing
- Marine Loading Arm design, installation and servicing



www.irpltd.com