



A MEMBER OF THE IRP  
GROUP OF COMPANIES

119 Boundary Road,  
San Juan, Trinidad

Tel: (868) 674-0693/0694/3632

Fax: (868) 674-0736

Email: CSR.FSE@irpltd.com

[www.irpltd.com](http://www.irpltd.com)

Edited & Layout design by  
Varun Balloo



[www.irpltd.com](http://www.irpltd.com)



**IRP FIRE & SAFETY LTD.**

A member of the IRP Group of Companies



# RENTALS & REPAIRS



# Message from the CEO



IRP Fire & Safety Limited is a member of the IRP Group of companies. Incorporated in 1974 we have served the Trinidad and Tobago market with distinction and integrity for over 40 years. We are the leading supplier of Fire, Safety, Marine and Environmental products to many local and regional industries. We have established comprehensive relationships with our clients by learning their environments, challenges and goals, to offer tangible solutions. We continue to manage our business around the evolving needs of our clients, allowing us to be at the vanguard of change and deliver value.

Our staff is committed to delivering the highest quality products, while providing supreme service to our valued customers. As we move forward, we continue to assess our customer's needs and work assiduously to provide the best safety solutions.

Warmest Regards,  
David Thompson  
CEO IRP Fire & Safety Ltd.

## TABLE OF CONTENTS

### PORTABLE GAS DETECTION (PAGE 01)

- ALTAIR® 4X Mining Multigas Detector
- ALTAIR® 5X Multigas Detector
- GALAXY® GX2
- Automated Test System

### RESPIRATORY PROTECTION (PAGE 02)

- Advantage® 1000 Full-Facepiece Respirator
- Advantage® 3200 Full-Facepiece Respirator

### BREATHING AIR DISTRIBUTION SYSTEM (PAGE 03)

- PremAire® Supplied Air Respirator System
- PremAire® Cadet Escape Respirator
- Compressed Airline Accessories

### SELF CONTAINED BREATHING APPARATUS (PAGE 04)

- MSA G1 Industrial SCBA
- Air Cylinders

### FALL PROTECTION (PAGE 05)

- Workman® Harness
- Workman® Energy-Absorbing Lanyard

### START-UP, TURNAROUND & SHUTDOWN SERVICES (PAGE 06)

## CONTACT INFORMATION

### Customer Care

CSR.FSE@irpltd.com  
(868) 674-0693/0694/3632/ 290-5339

### Technical services

technical.services@irpltd.com  
(868) 674-0693/4 Ext. 1414

## SERVICE CENTRE

IRP Fire & Safety Ltd.'s fully equipped Service Centre includes highly trained and certified technicians to repair and certify all products purchased from us. In addition we also provide to our customers full training on the proper care, usage and maintenance of supplied equipment.

Our services also extends to a 24 hour onsite Trailer that is outfitted with equipment for service and calibration of gas detectors, SCBA cylinder re-filling and Respirator fit testing

## PORTABLE GAS DETECTION

### ALTAIR® 4X Mining Multigas Detector



### ALTAIR® 5X Multigas Detector



### GALAXY® GX2 Automated Test System



- ◆ Measures up to four gases from a wide range of XCell(R) sensor options including combustible gases, O<sub>2</sub>, CO, H<sub>2</sub>S, SO<sub>2</sub> and NO<sub>2</sub>.
- ◆ The ALTAIR 4X Detector surpasses industry standards in several crucial areas. Its four-year sensor life is 60% longer than the industry average, while its 24-hour run time exceeds the industry average by 71%.
- ◆ This versatile portable detector is a perfect match for industries ranging from fire fighting to welding, and its digital sensor output makes it less likely to suffer from RF interference.
- ◆ The unit features exclusive MotionAlert™, which lets others know if the user has become immobile, and InstantAlert™, a manual alarm that alerts others of potentially dangerous situations.

- ◆ The ALTAIR 5X Gas Detector is capable of measuring up to 6 gases simultaneously and is now available with integrated PID sensor for VOC detection.
- ◆ Driven by advanced MSA XCell® Sensor Technology, the ALTAIR 5X Gas Detector delivers faster response time, better stability, accuracy, longer service life, and cost savings over the life of the instrument.

- ◆ MSA Galaxy GX2 provides automated calibration of MSA ALTAIR Gas Detector fleet.
- ◆ Simplicity counts with the MSA GALAXY® GX2 Automated Test System for advanced safety management and effortless operation.
- ◆ The GALAXY GX2 Automated Test System provides simple, intelligent testing and calibration of MSA ALTAIR® and ALTAIR PRO Single-Gas Detectors and ALTAIR 4X and ALTAIR 5X Multigas Detectors.
- ◆ Easy-to-use automated test stand offers high performance as either stand-alone unit or integrated portable detector management system, enabling total data access and control of the MSA ALTAIR family Gas Detector fleet.

## RESPIRATORY PROTECTION

### Advantage® 1000 Full-Facepiece Respirator



- ◆ Cost-efficient full-face respirator is made of soft Hycar rubber and features urethane lens for comfort and an excellent fit
- ◆ Standard nosecup helps decrease lens fogging, while the mechanical speaking diaphragm promotes good communication
- ◆ Fully elastic, six-point head harness allows easy on/off
- ◆ Facepiece comes in three sizes for exact fit
- ◆ Markets: Fire Service, General Industry, Oil & Gas, Utilities

### Advantage® 3200 Full-Facepiece Respirator



- ◆ Full face respirator features state-of-the-art design to lower breathing resistance, while preset upper straps make it easy to put on/take off
- ◆ Scratch-resistant wraparound faceplate allows for wide field-of-vision
- ◆ Components can be replaced by hand in seconds
- ◆ Markets: Utilities, Oil & Gas, Construction, General Industry
- ◆ Applications: Search & Rescue



## BREATHING AIR DISTRIBUTION SYSTEM

### PremAire® Supplied Air Respirator System



### PremAire® Cadet Escape Respirator



### Compressed Airline Accessories



- ◆ Cost-efficient supplied-air respirator
- ◆ Modular system for thousands of configurations to match respiratory needs to the task at hand
- ◆ Lightweight, mask-mounted regulator provides high air flow
- ◆ Suitable for IDLH environments (with escape cylinder option)
- ◆ Markets: Fire Service, General Industry, Oil & Gas, Utilities, Mining, Construction
- ◆ Applications: Welding

- ◆ One-piece assembly with both first-stage regulator and cylinder valve
- ◆ Small size and profile for confined spaces
- ◆ Downstream design and dual springs for maximum reliability
- ◆ Recessed pressure gauge for added protection
- ◆ Choice of cylinder hip placement for freedom and versatility
- ◆ Standby mount for second-stage regulator
- ◆ Markets: Fire Service, General Industry, Oil & Gas, Utilities, Mining, Construction

- ◆ Enhance long-duration respiratory protection
- ◆ Ensure proper pressure and air quality
- ◆ Pressure regular reduces plant air system compressor pressure and maintains desired operating pressure
- ◆ Manifolds feature quick-disconnect assemblies and automatic shut-off outlets
- ◆ Markets: General Industry, Oil & Gas, Utilities, Fire Service, Construction, Mining
- ◆ Applications: Welding

# SELF CONTAINED BREATHING APPARATUS

## MSA G1 Industrial SCBA

04

### Air Cylinders



### G1 Facepiece

- ◆ Wide field of view for increased visibility
- ◆ Cross-contamination feature prevents exhaled air from entering mask mounted regulator
- ◆ Open-port design provides low breathing re-sistance, on or off air

### G1 Carrier and Harness Assembly

- ◆ Removable softgoods for easy cleaning and maintenance
- ◆ Nanosphere coated shoulder straps improve resistance to water and chemical exposure
- ◆ Shoulder pad placement reduces twisting, improving comfort and ease of donning
- ◆ Markets: Fire Service, Construction, General Industry, Oil & Gas, Utilities
- ◆ Applications: Confined Space, Search & Rescue

- ◆ Standard on all MSA Air Masks
- ◆ Wide variety to meet all types of budgets, use requirements and weight preferences
- ◆ High-quality design and proven technology
- ◆ Designed for quick activation, even with gloved hands
- ◆ Available in high- and low-pressure configurations
- ◆ Customized, clear-coated logo application also available
- ◆ Markets: Fire Service, General Industry, Oil & Gas, Utilities, Mining
- ◆ Applications: Firefighting



## Workman® Harness



- ◆ Yellow polyester webbing for increased visibility
- ◆ Color-contrasting thigh and torso straps simplify donning
- ◆ Choice of Qwik-Fit™ or Bayonet leg straps for easy adjustment
- ◆ Web retainer collars to keep excess webbing neat
- ◆ Workman Construction Harness comes with integrated lumbar support pad for work positioning and comfort.
- ◆ Workman Stainless Steel Harness component hardware is made of stainless steel and will increase the product life cycle when working in corrosive environments.
- ◆ Markets: Construction
- ◆ Applications: Working at Heights

## Workman® Energy-Absorbing Lanyard



- ◆ Tear-tape design to keep average fall arrest forces below 900 lbs/6kN.
- ◆ Choice of single- or twin-leg configurations
- ◆ Choice of adjustable or tie-back configurations
- ◆ Workman Stainless Steel Lanyards component hardware are made of stainless steel and will increase the product life cycle when working in corrosive environments such as mining, food processing, water treatment and oil, gas, and petrochemical
- ◆ Markets: Construction
- ◆ Applications: Working at Heights

# Start-up, Turnaround and Shutdown Services

IRP Fire & Safety Ltd. has the products, training and services to provide you with the safety support you need during crucial start-up, turnaround and shutdown periods. IRP Fire & Safety Ltd. has the experience you can trust. We've designed a menu of proven start-up and turnaround services that can improve safety, decrease start-up and turnaround periods and lower costs at any plant location.

## EQUIPMENT RENTAL Amount available upon Request

Portable Gas Instruments (4X 5X 5XIR)

Self-Contained Breathing Apparatus (30 mins) & (60mins)

Air Line Cart (300 cf c/w 2 cylinders) (60 mins c/w 2 cylinders)

PremAire Cadet Escape Respirator (5 mins) c/w cylinder (10 mins) c/w cylinder

Air Line Hose (50 ft. in length)

Harness (MSA: Evotech/Workman/Welding Harness)

Confined Space Entry Equipment

(MSA Workman Tripod ) Retractable Lanyard (6ft, 12ft, 30 ft)

Mobile Compressor (Grade D) (Comes With One Operator)

Full face Ammonia Escape Respirators (Comes With Cartridges & Pouches)

Additional Safety Supplies (PPE)

## TRAINING

Use & Maintenance Of Portable Gas Instruments

Bump Testing

SCBA & All Airline Respirators Usage

Instructional Training On Use Of Fall Protection

## SERVICES

Management of ALL Rental Equipment

Fit Testing of client's SCBA & Airline Respirators issued to contractors

Trained Onsite Technicians to Support Maintenance, Calibration, Cleaning & Tracking Of Equipment

Grade D Breathing Air Services

Harness/ Lanyard Inspection

Inventory Data Base / Record Management

Calibration Of Client's Portable Gas Detection Equipment

Level 1 Servicing & Repairs of SCBA & Airline Respirators

Refilling Of Clients SCBA & Escape Cylinders

Refilling Of Clients Breathing Air Cylinders

Testing Of Air Quality Of Breathing Air Issued To Contractors