

TAR SERVICES

The IRP Mobile On-site Services offers a 24 hour comprehensive Technical Support Service to meet all your fire and safety equipment service requirements. Virtually a one stop shop , IRP provides the highest level of Service, Repair, Master Calibrations for full verification of Portable Gas Detectors. Our On-site Mobile Service is also equipped with a Trailer Mounted SCBA fill System that meets or exceeds the requirements of CGA Pamphlet G-7, Compressed Air for Human Respiration, the requirements of ANSI/CGA Commodity Specification for Air, Grade E , and all other recognised standards for respirable air. Our technicians are certified to deliver this service.

There is an inherent risk in many workplaces of injury or illness from respiratory hazards such as oxygen deficiency and the presence of toxic gases. Detection technology and products exist to minimize such risk. Properly verifying the accuracy of gas detection equipment before each days use will help to ensure that each worker finishes the job safely.

Master Calibration Services include;

Bump Test (Function Check) - A qualitative function check where a challenge gas is passed over the sensor(s) at a concentration and exposure time sufficient to activate all alarm indicators to present at least their lower alarm setting. The purpose of this check is to confirm that gas can get to the sensor(s) and that all the alarms present are functional. This is typically dependent on the response time of the sensor(s) or a minimum level of response achieved, such as 80% of gas concentration applied. Note this check is not intended to provide a measure of calibration accuracy.

Recommended Frequency Every day.

A. A bump test (function check) or calibration check of portable gas monitors should be conducted before each day's use in accordance with the manufacturer's instructions. Any portable gas monitor which fails a bump test (function check) or calibration check must be adjusted by means of a full calibration procedure before further use, or removed from service.

B. A full calibration should be conducted at regular intervals in accordance with instructions specified by the instrument's manufacturer, internal company policy, or a regulatory agency.



IRP SAFETY'S SERVICE SOLUTIONS PROVIDE:

- Improved safety compliance, control and accountability
- Maximum asset utilization with minimum up-front capital investment
- Equipment rental cost savings

Our expert turnaround services also include:

- Rental equipment for respiratory protection, ammonia respirators, gas detection, fall protection, personal protection, confined space entry equipment.
- Grade E breathing air services
- Trained on-site technicians to support maintenance, calibration, cleaning and tracking of equipment
- Respiratory fit testing
- Safety supplies (PPE)
- Scheduling of people and resources
- Record Management

By using IRP's Fire and Safety expert services during your turnarounds, you can:

- Improve safety compliance, quality control and accountability
- Have around-the-clock access to equipment and trained personnel
- Achieve maximum asset utilization
- Reduce initial capital investment
- Reduce administrative burden
- 24/7 support and coverage

Improved Safety, Compliance, Control and Accountability

Well in advance of your turnaround, IRP's Team partner with your Shutdown team to plan for anticipated safety needs.

We work with you throughout the turnaround process to ensure that everything operates in accordance with these practices in regard to:

- Inventory planning - we make sure we have enough PPE on hand ready for the complete TAR.

Protect Your Staff and the Bottom Line

You may think you have only two options when it comes to furnishing your turnaround staff with necessary safety equipment. You can purchase the additional equipment upfront or allow contractors to lease their own equipment and pass the cost on to you. In either case, your plant runs the risk of losing money in the end. Further losses can be incurred when plants lack the resources to track the equipment being used by hundreds, if not thousands, of contract workers. We give you the power to maximize asset utilization while minimizing up-front capital costs. With IRP safety, you can:

- Centralize equipment rental by setting up an on-site In-Plant Service Center (IPSC)
- Let us maintain, distribute and track your existing equipment.

Clients who have used the TAR service:

- Methanex
- ALNG



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Equipment rental cost savings

Trailer Mounted Compressor System

This new mobile SCBA fill system will supplement and enhance our existing trailer, it meets or exceeds the requirements of CGA Pamphlet G-7, Compressed Air for Human Respiration, the requirements of ANSI/CGA g-7.1, Commodity Specification for Air, Grade E, and all other recognized standards for respirable air. (The same as the existing trailer)

This is a complete compressor/ purification/ storage system, equipped with a 27 HP diesel engine, this trailer is specifically designed for use in the industrial setting with the exhaust muffler being equipped with a spark arrestor. The electrical panel is built in compliance with UL's Industrial Control Builders Program, UL 508A, with warning systems to alert operators of faults. In accordance with NFPA 1901, A piping connection is provided downstream of the pressure maintaining valve to provide an air sample for the air quality monitors. This provides a safe, reliable, cost effective way to allow for supply of breathing air when required.



*Image Shown with Optional Features
and Custom Paint (Non-Standard)*