



# Gulf Helium Services (GHS)

**Company Address:** CB-49, West Side services area, Ras Laffan Industrial City, Qatar

**Shareholders:** Gulf Helium Services established in 2013 as a Joint venture Company between Buzwair Industrial Gases, Iwatani Japan and LNG Japan.



Gulf Helium Services is the first company to be established in Qatar for Trans filling of Liquid and Gaseous Helium.

Our main activity is Liquid Helium Trans-fill into Liquid Dewar's and high pressure gaseous cylinders. Liquid

Helium ISO container maintenance & Logistics Qatar - UAE - Qatar.

Based on the decision of the Company to diversify our activities, GHS has now established this company near RasGas in Raslaffan Qatar the producer of Liquid Helium.

There is a great need to save time in transporting of liquid helium and to carry out periodic maintenance and recertification of due dated Helium ISO containers to have back in service with minimum down time.

## Company Strategy

### Purpose:

To be a leader in the Helium Business by providing enhanced services to the Medical, on and off-shore petrochemical industries together with being a Regional Helium ISO Container service and maintenance provide



### **Vision:**

To provide quality services that exceeds the expectations of our esteemed and valued customers. Management is determined to position GHS that will continue to promote safety & Quality, expand capabilities, develop our employees skills, increase levels of efficiency and consolidate to meet the standards of excellence that is required in this strategic industry.

### **Mission statement:**

To build long term relationships with our customers and provide exceptional customer services by pursuing business through innovation and advanced technology.

### **Core values:**

- GHS in treating our customers with respect, courtesy & providing a reliable and quick service.
- GHS will grow through creativity, invention and innovation.
- GHS to integrate honesty, integrity and business ethics into all aspects of our business functions.

### **Goals:**

- Regional expansion in the field of Liquid & Gaseous Helium and Container maintenance management and develop a strong base of key customers.
- Increase our assets to support the gas & liquid off-shore industry and development of services.
- To build a good reputation in the field of gas and container maintenance management and become a key supplier to the industry.

### **Scope of Supply:**

Gulf Helium Services is one of the major companies in The Middle East & North African Region for the supply of helium providing a wide variety of solutions into the helium market.

Supplying of helium in a full range of purities and mixtures of up to 6 grade 99.9999% Ultra High Purity together with providing up to 300 Bar pressure of mixtures of Diving gases Heliox, Tri Mix, in any volumes required using different combinations of storage supply.

Filling and supplying Liquid Helium Dewar's of 400L, 250L & 100L for MRI's in Hospitals across the Region by Airfreight.

Supplying Helium Gas quads of 64, 48 & 16 Cylinders combinations, tube trailers and bulk gas shipping containers



### Scope of Work:

GHS undertakes all kinds of maintenance of Liquid Helium 40 feet ISO Containers, Servicing and replacement of all Valves, Rupture Disc, flow meter and regulators etc.

Inspection and calibration of Safety Relief Valves, Pressure & Level gauges, Pressure control valves.

Refurbishment of container structure.

Periodic pressure test of DOT-5yrs & CSC-2.5yrs.

Provision of total sand blasting and fully re-painting of complete container and installation of new logo's & safety signs.

Well established maintenance and crane facility.



Gulf Helium Services a Buzwair, Iwatani & LNG Japan joint venture company in Qatar recently commissioned a new Liquid Helium ISO Container jacking system for loading and offloading these valuable cargos.

It is thought that this is a first in Qatar a system which does not require normal cranes to do such work.

Gulf Helium Services is based in Raslaffan west side services area some 20 kilometers away from one of the world's most advanced and largest liquification production facility of liquid helium





Total Quality Management:

GHS is an ISO9001:2008 Company.

### **Safety**

GHS is a Member of MEGA (Middle East Gases Association)

Total Quality Management (TQM) is a comprehensive and structured approach to GHS management that seeks to improve the quality of products and services through ongoing refinements in response to continuous feedback.



### **Quality Assurance, Quality Control, and Quality Assessment Measures:**

Our quality Control and Quality policies are laid down on the grounds of Total Quality Management (TQM). To adhere to these quality standards we constantly maintain our Quality standards by conforming to ISO Procedures.

We seek to deliver the best quality products and services to our customers through our facility that is equipped with the latest technologies and analysis carried out using a variety of dedicated analyzers and gas chromatographs to enable us to analyze raw materials & finished products when blending components (Heliox) and High Purity Gaseous Helium and Liquid helium.

## Quality Control Laboratory Setup:

### Gas Chromatograph

Make: Servomex

Model: Servo Pro Chroma X4403A1

Range: 0 to 2 PPM (Each)

Nitrogen / Hydrogen / Methane / Neon / CO<sub>2</sub>/CO/NMH and Argon.

### Moisture Analyser

Make Meeeco / Model: Aquavolt+ / Range: 0.035 to 20ppm H<sub>2</sub>O

### Oxygen Analyser (PPM)

Make Servomex / Model: Delta F DF 310E / Range: 0 to 100ppm Oxygen

### Oxygen Analyser (PPM / %)

Make Systech Instruments / Model: 800 Series / Range: 0ppm to 100% Oxygen

### Total Hydro Carbon Analyser

Make Teledyne / Model: 4020 THC / Range: 0 to 1000ppm



### Message from Mr. Frank Brunsdon - General Manager Buzwair Gases:

It gives GHS a great pleasure to welcome you to the Gulf Helium Services website and we hope you find all the information you need on our wide range of product and services.

The helium sector is one of the most dynamic in the gaseous world.

We have focused on business development strategy on delivering the extreme high levels of Customer Service expected in the markets we serve. Our rate of growth is evidence to our success in meeting this goal and our excellent team strives always to deliver continuous improvement for all our customers. As we expand our product offering and enter new markets the contribution of each and every GHS employee remains at the heart of the organization while upholding the highest ethical standards and integrity in all we do.



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