



جالف كرايو
Gulf Cryo

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Gulf Cryo subsidiaries are members of:



The Compressed Gas Association



EIGA
European Industrial Gases Association



IOMA
International Oxygen Manufacturers Association

Metals processing industry





For over half a century, Gulf Cryo has been supplying gases and developing new gas mixtures for applications in the metals processing industry.





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progressive by nature

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Helping you improve quality, increase productivity and reduce costs

Our geographic reach

Gulf Cryo is a leading manufacturer of industrial, medical, food-grade, and specialty gases in the Middle East. Covering all of the GCC, Jordan, Syria, Pakistan, Egypt and Iraq, our highly skilled engineers work with the metals processing industry developing technology to advance processes and techniques through innovative gas applications.



Our gas solutions

Applications	Our products	Our services
<ul style="list-style-type: none"> MIG/MAG welding TIG welding Plasma welding Laser welding Flame cutting Oxy-fuel cutting Powder coating Plasma coating 	<ul style="list-style-type: none"> Liquid and compressed pure gases Gas mixtures for specific use Shielding gases 	<ul style="list-style-type: none"> Production and supply of pure and mixed gases Analysis of customer requirements Pipeline installation Bulk installation Technical support Cylinder maintenance and testing On-site equipment maintenance Cryogenic storage tank system installation

The customer challenge

With the on-going economic battle to reduce costs while maintaining higher quality product, customers are turning to the use of industrial gases in the production and fabrication process to open up new ways to increase productivity and quality in a cost effective way. The challenge the customer faces is to select the right type of gas to achieve the desired quality of the final product, such as required strength, bead appearance and shape, thickness of parental metal and fume emission. This is where Gulf Cryo can offer its vast expertise and experience to provide solutions and support.

How we work with you

Gulf Cryo's dedicated technical team understands the challenges production and process managers face to find the right gas solution for their needs. We supply pure gases such as Oxygen, Acetylene and Argon as well as a wide range of gas mixtures with varying compositions supporting you from application inception through to when you see the results. We have a diverse portfolio and serve the entire industry from small roadside weld shops to large fabrication yards, major ship repair companies to heavy steel industries.

Our engineers can also design and implement a total gas management service including the installation of a central gas pipeline network system, warehouse cylinder management, small or large on-site plants to supply product and provide on-site personnel.

Pure gases (Liquid and compressed)	Purity
Acetylene	98.5%
Argon	99.999%
Carbon Dioxide	99.9%
Hydrogen	99.999%
Oxygen	99.5%
Nitrous Oxide	95%
Argon/Carbon Dioxide mixture	
Argon/Helium mixture	
Argon/Hydrogen mixture	

Our supply and packaging options

With 13 subsidiaries covering ten countries in the Middle East, Gulf Cryo covers a vast territory offering the supply of gases and the installation of equipment. We will provide you with the best available supply package to suit your business requirements.

Bulk gases	Capacity	Working pressure (barg)
Cryogenic storage tanks	2000 - 75,000 litres	3 - 30
Liquid gas cylinders and Dewars	180 - 1000 litres	2-37

Compressed gases	Capacity	Working pressure (barg)
Manifold racks	120 - 540 Nm ³	200 - 300
Gas cylinders	6 - 50 litres	150 - 200
MDS-S	Oxygen - 180 litres Acetylene - 40kg	16-22

Mobile Distribution Systems (MDS)

A unique system to Gulf Cryo, MDS includes one 180 litre Liquid Oxygen container, one eight cylinder Acetylene rack and two individual manifolds - one for Oxygen and one for Acetylene, with five outlets for each gas. Each manifold is provided with a master regulator and each outlet point is conveniently equipped with flash back arrester. The MDS is safely mounted on a steel frame.

Benefits to the customer

- Better quality welding due to continuous supply
- Safer - cylinders are mounted and fitted in one entity
- Easier handling
- Cost effective compared to other options

Talk to our applications engineers to identify the right solution for you.

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