



جالف كرايو
Gulf Cryo
Email us: applications@gulfcryo.com
Call us: +971 8848199 Ext. 322
Visit us: www.gulfcryo.com

Gulf Cryo subsidiaries are members of:



For over half a century, Gulf Cryo has been supplying gases and developing new applications for the food and beverage industry.



جالف كرايو
Gulf Cryo
progressive by nature

UAE KUWAIT TURKEY SAUDI ARABIA QATAR EGYPT JORDAN OMAN BAHRAIN IRAQ

Helping you meet demand for food quality and freshness

Our geographic reach

Gulf Cryo is a leading manufacturer of food-grade, industrial, medical 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 food and beverage industry developing technology to advance manufacturing processes through innovative gas applications.





The customer challenge

Food manufacturers and distributors have a constant challenge to ensure their freshly preserved food and beverage product reaches their customers with the highest quality and freshness and with the lowest product loss. As more consumers become knowledgeable and concerned about nutrition, the demand for less additives and fresher products is increasing. Busy lifestyles are also driving the growth of convenience food and beverages, but consumers are not willing to sacrifice taste or nutrition so manufacturers are looking for new ways to safely introduce healthier, more convenient, and tastier foods to market.

How we work with you

Gulf Cryo's dedicated applications team understands the challenges the food and beverage industry faces and works with customers to find the right gas solution for their needs. We provide analysis, design and installation of equipment, supporting you from application inception through to when you see the results! Whatever food and beverage sector you are in, we have a gas application that can improve quality, rate of production, extend shelf life, and optimise distribution capabilities.

As well as traditional supply agreements, a total gas management service is offered where Gulf Cryo can install a full gas network and manage the gas supply chain.

Our gas solutions

Application	Our products	Our services
<ul style="list-style-type: none"> Cryogenic food freezing and chilling Liquid Nitrogen dosing Modified Atmosphere Packaging (MAP) Cold transportation with dry ice Cleaning with dry ice blasting Carbonation Water oxygenation Blanketing 	<ul style="list-style-type: none"> Nitrogen Oxygen Carbon Dioxide Liquid Nitrogen Solid Carbon Dioxide (Dry ice) 	<ul style="list-style-type: none"> Production and supply of high quality food-grade gases Design, engineering and installation of the application Vast range of sizes of dry ice pellets Vast range of sizes and thicknesses of dry ice blocks Cost/benefit analysis Dedicated transportation fleet to ensure fast delivery Equipment supply

Our gases

The food and beverage industry has specific gas purity requirements to comply with International food standards. At Gulf Cryo, gas mixtures are prepared under controlled conditions following strict international standards ensuring tolerances are clearly defined.

Cryogenic products	Purity
Liquid Nitrogen	99.999%
Liquid Carbon Dioxide	99.9%
Liquid Oxygen	99.5%

Compressed pure gases	Purity
Nitrogen	99.999%
Carbon Dioxide	99.9%
Oxygen	99.5%

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.

Bulk gases	Capacity	Working pressure (barg)
Cryogenic storage tanks	2000 - 75,000 litres	3 - 30
Liquid gas cylinders (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
Dry ice	Different sizes of pellets and blocks available	



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

UAE KUWAIT TURKEY SAUDI ARABIA QATAR EGYPT JORDAN OMAN BAHRAIN IRAQ