

The largest  
**Total Gas Solutions**  
provider in the region.



- Industrial gases
- Medical gases
- High purity gases
- Food grade gases
- Specialty & Mixture gases
- Refrigerants
- Cryogenic Repairs
- Gas Control equipment
- Welding equipment
- Safety equipment
- Medical equipment
- Air Separation Plants
- Gas Systems Audit
- Onshore/Offshore Purging
- Bulk Supply Systems

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**UAE ● Kuwait ● USA**

# Emirates Industrial Gases Co. L.L.C.

## INTRODUCTION

Emirates Industrial Gases Co L.L.C., saw its genesis in the year 1978 and since then has made rapid strides to establish itself as a leading producer and distributor of Industrial, Medical & Specialty gases. Today EIGC's operation includes a wide range of products, technology and related systems in addition to an exhaustive range of welding equipment and accessories.



To meet the demands of an extensive and diverse customer base. EIGC is equipped with the state-of-art production, storage and distribution facilities for Oxygen, Nitrogen, Argon, Acetylene, Hydrogen, Nitrous Oxide and Carbon Dioxide, EIGC offers the most comprehensive range of gases in all purities ranging from industrial or commercial grade to ultra high purity grades. In addition to the above, EIGC also deals in Helium, Sulfur Hexafluoride, Fluorocarbons/Refrigerants, Ammonia, Methane, Liquefied Petroleum Gases, Carbon Monoxide, Chlorine etc. As a single source supplier EIGC offers the broadest range of supply options through a large distribution network.

## INDUSTRIAL GASES

Some of the most common industrial gases supplied by EIGC are:

### Compressed Gases

- Argon
- Carbon Monoxide
- Ethylene
- Acetylene
- Compressed Air
- Helium

- Hydrogen
- Methane
- Nitrogen
- Oxygen
- Synthetic Air
- Carbon Dioxide (as gas & as Dry Ice)
- Krypton
- Neon
- Nitric Oxide
- Silane
- Xenon



## LIQUEFIED GASES & BULK GASES

- Ammonia
- Ethane
- Hydrogen Sulfide
- Liquid Carbon Dioxide
- liquid Nitrogen
- Methyl Bromide
- Sulfur Dioxide
- Liquefied petroleum Gases (e.g. Propane, Butane etc).
- Chlorine
- Hydrogen Chloride
- liquid Argon
- Liquid Helium
- Liquid Oxygen
- Nitrous Oxide
- Sulfur Hexafluoride



## HIGH PURITY, SPECIALTY & MIXTURE GASES

The most commonly supplied products from EIGC's vast range of ultra high purity gases, mixture and specialty gases includes:

- Calibration Gas Mixtures
- Common Gas Mixtures :  
(Argon /Carbon Dioxide, Argon/ Hydrogen, Argon/ Nitrogen, Argon/Helium, Nitrogen/Oxygen, Nitrogen/Carbon Dioxide, Nitrogen/Hydrogen, Methane/ Air etc.)



- Diving Mixtures
- Electronic Gases
- High Purity Instrument Gases
- High Purity Process Gases & Rare Gases

## MEDICAL, FOOD GRADE GASES & REFRIGERANTS

### Medical & Food Grade Gases

EIGC's line of medical, food grade gases and services include supply of gases in individual cylinders, racks and in bulk. This is in addition to the design, supply, installation and commissioning of onsite storage systems comprising of vacuum insulated cryogenic tanks, manual or automatic changeover manifolds and accessories, centralized piping systems, onsite analysis etc. Some of the common medical and food grade products supplied by EIGC are:



- Breathing Air
- Dry Ice
- Entonox
- Medical Oxygen
- Nitrous Oxide
- Carbon Dioxide
- Ethylene Oxide
- Helium
- Nitrogen
- Nitrogen Carbon Dioxide mixtures etc.

### Aspiration & Suction System

#### Wall OXY X Suction Kit

Used to oxygenation and/or aspiration in mobile units like ambulances, ships, planes or small offices. Composed of two oxygen outlet, in which we have a flowmeter/humidifier and oxygen medical aspirator respectively. The Wall Kit is Equipped with Female hose connection that connects the supply source and unity. Outlet optional connection to medical ventilators.

### Refrigerants

EIGC deals in a very wide range of fluorocarbons from various countries of origin, in disposable containers, in cylinders and in bulk. Some of the most frequently traded fluorocarbons and refrigerants are as follows:

- R-11
- R114
- R-407A
- R-417A
- R-600a
- R-12
- R-134a
- R-407C
- R-500
- Halon 1301
- R-13
- R-402A
- R409A
- R-502
- Halon 1211
- R-22
- R-404A
- R-410A
- R-507
- R-23
- R406A
- R-413A
- R-508A

## EQUIPMENT DIVISION

### Gas control equipment and welding accessories

EIGC is the biggest stockist/agent/authorized distributor for some of the world's leading manufacturers of welding equipments, accessories and safety equipment. The commercial division of EIGC currently covers the entire UAE market through an extensive network of retail outlets and is in the process of expanding the horizon of sales to territories outside UAE.

EIGC deals in a comprehensive range of industrial, medical and specialty gas regulators besides a complete range of products in the relevant fields of application. A well-equipped repair facility for all welding equipment is a unique facility, offered exclusively by EIGC. The facility provides complete technical back up through a team of highly skilled and trained technicians and certificates are provided for the repairs undertaken.



EIGC is the authorised distributor and agent in the UAE for:

- VICTOR - Welding & Cutting Equipment
- TWECO - Arc Welding & Tig Consumables
- HILCO - Welding Consumables
- THERMOID - Welding & Cutting Hoses
- ARCAIR - Arc Gouging Torches and Equipment
- PROFAX - Carbon Dioxide Heater
- FIBER METAL - Safety Equipment
- FOCUS - Welding Helmet
- DAYCO - Hoses
- HUNTINGDON FUSION TECHNIQUES LIMITED - pipe purging systems
- BERNZOMATIC - Fuel and Hand Torches
- LORCH - Welding Machines and Consumables
- 3M - Personal Protective Equipment



Some of the standard items in which, the equipment division of EIGC deals are:

- Carbon dioxide regulator heaters
- Check valves
- Cylinder connections
- Electrode holders
- Cylinder wrenches
- Cylinder trolleys
- Flame busters

- Flow meters
- Pipe purging plugs
- Purge bladders
- Purge monitors
- Regulators
- Welding Machines
- Tungsten electrode grinder
- Wrap-a-round measuring tools
- Welding cables
- Flame cutting machines
- Hydraulic flash back arrestors
- Manual and automatic change over manifolds
- Thoriated & Thorium free tungsten electrodes
- Under Water Cutting and Welding equipment
- Liquid nitrogen containers
- Pressure gauges
- Purge films
- Tip cleaning kits
- Welding Consumables
- Trailing shields
- Welding shields
- Welding and working gloves
- Welding glasses and shields



## TOTAL SOLUTIONS

- Production and Supply of Industrial, Medical, Specialty, Mixture, High purity and Food grade Gases.
- Design, Supply, Installation and Commissioning of Air Separation plants and Nitrogen Liquefiers.
- Authorized distributors and agent for world renowned brands for Gas control equipment, Safety equipment, Welding accessories and Refrigerants.
- DOT Authorized Hydrotesting facility for Cylinders and Jumbo tubes.
- Repair of Gas control, Welding and Cutting equipment.
- Design, Supply, Installation, Commissioning, Maintenance and Inspection of Gas Supply and Storage systems.
- Maintenance of Cryogenic equipment.
- Bulk Gas supply and Lease of Equipment for offshore and onshore purging operations.
- Gas systems audit for gas users
- Gas testing, analysis and certification.

## COMPANY ADDRESSES

### DUBAI

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