



OXYGAS LTD

**For: Medical Gas | Industrial Gas | Cooking Gas
Welding Accessories | Refrigerant Gas | Fire Extinguishers**



COMPANY OVERVIEW

Oxygas Ltd are proud to be associated with D&H Secheron as Sales agents for world renowned Welding electrodes and Welding accessories. An ISO company.

OXYGAS LTD established in 18th Nov 2005, is professionally managed by Mr. Abid Alam, Managing Director.

OXYGAS corporate responsibility strategy is based on the commitment of providing the highest standards of quality products & services to its customers which is playing a key role in the successful growth of OXYGAS. Under the dynamic leadership of the Top management, OXYGAS Gas International Limited has achieved a Milestone as a leading producer and supplier of Industrial, medical, mixtures, high purity and specialty gasses, Manifold Banks, Gas Lines Assembly, Gas control systems, Supplier of Liquid Bulk, Liquid Gasses and providing all the gasses related installations and services. OXYGAS achievements are the direct results of top management's and employees' professionalism, dedication and commitment to continuously provide quality products and services, build long-term relations with customers and suppliers, and contribute to the welfare of Society. Indeed, a direct result of implementing value-based management model. With the above company principles, philosophy, culture and standards, surely OXYGAS will continue to increase return on investment, expand its business & earning growth. Our strict but streamlined procedures, risk calculated strategies and informed decisions provide us the solid platform to withstand any stormy time.

Versatile and quality service (Integrated Management System) are the main guiding principle of OXYGAS ensuring operational safety as a vital consideration in their operations. With OXYGAS comprehensive network' large fleet of tankers, trailers and cylinder transporters, OXYGAS is in a unique position to serve its clients not only in the Republic of UGANDA but all clients in the African Countries. OXYGAS has an in house hydrostatic testing facility in Kampala. With this facility, inspection, hydro testing and refurbishing of cylinders are carried out utilizing modern equipment managed by expert personnel's, in compliances with the Compressed Gas Association Standards as well as Uganda National Bureau Standards.

In conclusion, OXYGAS is an efficient, committed and a reliable partner AT ALL TIMES.

Vision and Mission

Our Vision

To be a pioneer in delivering conventional and renewable energy solutions

Our Mission

To be trusted by our customers to provide reliable energy solutions, delivered through the expertise of our dedicated teams and the support of our global partners

Our Core Values

- Integrity
- Honesty
- Loyalty
- Commitment
- Excellence
- Teamwork
- Social Responsibility

These values are our guiding ideals that shape and support our culture, attitude and behaviour. We shall firmly hold on to these ideals and reinforce them in our daily life, both professionally and personally, implementing our values ensures the best results for our customers, employees, societies and the future.





- Helium
- Bulk Gases
- Air Gas Cylinders
- Speciality gases
- Special Gases
- Refrigerants
- Gas Equipment
- Gas Storage Equipment
- Medical Gas Equipment
- Welding Equipment
- Gas Filling Plants
- Other Products & Services



Unleash the Power of Helium: Solutions for Diverse Needs

Helium, the element renowned for its ability to make balloons fly, offers a vast array of applications beyond the realm of birthday parties. At Oxygas Ltd, we are proud to be your comprehensive supplier for all things helium, providing various forms and mixtures to suit your specific needs. This includes:

- **Helium Gas:** Available in a range of purities (Grade4.5, Grade5, & Grade6) and cylinder sizes (40L, 47L & 50L), ideal for diverse industrial uses like welding, leak detection, and scientific research.
- **Helium Liquid:** Offered in specialised cryogenic containers (Dewars), perfect for applications requiring extreme low temperatures, such as magnetic resonance imaging (MRI), Nuclear Magnetic Resonance (NMR) and other types of superconducting magnets.
- **Helium Bulk:** For high-volume users, we offer bulk supply options to ensure a consistent and reliable helium source for your large-scale operations.
- **Balloon Grade Helium:** Bring joy and festivity to any occasion with our high-quality balloon-filling helium.
- **Helium Mixtures:** We provide custom helium mixtures, including heliox (helium and oxygen) used for deep-sea diving, to meet your unique requirements.

Whether you're an industrial giant, a scientific innovator, or simply looking to add a touch of magic to your next celebration, Greenox Gases is your trusted partner for all your helium needs.



BULK GASES



Power Your Operations with Essential Bulk Gases

We understand the critical role industrial gases play in various industries. We are your one-stop shop for a comprehensive range of bulk gases, delivered efficiently and reliably to keep your operations running smoothly. Our diverse portfolio includes:

- **Liquid Nitrogen (LIN):** Essential for numerous applications, including cryogenic freezing, inerting, and laboratory research.
- **Liquid Argon (LAR):** Used in welding, metal fabrication, and purging to prevent oxidation and ensure optimal results.
- **Liquid Oxygen (LOX):** A vital component in steel production, wastewater treatment, and oxy-fuel cutting for its oxidising and combustion-supporting properties.
- **Liquid Carbon Dioxide (LCO2):** Widely used in food and beverage preservation, carbonation, and industrial cleaning for its unique physical and chemical properties.
- **Ammonia (NH3):** A crucial component in fertiliser production, refrigeration systems, and various chemical processes.
- **Nitrous Oxide (N2O):** Employed in medical anaesthesia, food processing, and industrial applications requiring precise temperature control and oxidation.

We offer these essential bulk gases in various container sizes to cater to your specific needs, ensuring consistent supply and efficient usage. Our commitment to safety, quality, and timely delivery makes Greenox Gases your trusted partner for all your bulk gas requirements.



Simplify Your Workflow with Versatile Packaged Gas Cylinders

We offer a convenient and accessible solution for your gas needs with our extensive range of packaged gas cylinders. Whether you require industrial-grade gases for your daily operations or specialized mixtures for unique applications, we have you covered.

Our diverse selection of packaged gas cylinders includes:

- **Air Gases:** Oxygen (O₂), Nitrogen (N₂), and Argon (Ar) come in various sizes and purities for welding, metal fabrication, purging, inerting, and other common industrial applications.
- **Hydrogen (H₂):** Ideal for applications requiring high purity and reactivity, such as laboratory research, fuel cell applications, and brazing/welding certain metals.
- **Nitrous Oxide (N₂O):** Available in medical-grade and industrial-grade versions, used in anaesthesia, food processing, and industrial processes requiring precise temperature control and oxidation.
- **Ammonia (NH₃):** Packaged in specialised cylinders for safe handling, vital for fertiliser production, refrigeration systems, and various chemical processes.
- **Acetylene (C₂H₂):** Ideal for cutting and welding applications due to its high flame temperature.
- **Ethylene Oxide (ETO):** Available in specialised controlled environments for specific applications requiring a potent sterilising agent, such as medical equipment sterilisation.

Each cylinder comes equipped with safety features and clear labelling for proper identification and handling. We also provide comprehensive support and resources to ensure your complete satisfaction and safe operation of our gas cylinders.

Maximise your efficiency and keep your workflow running smoothly with Oxygas Gases's reliable and convenient packaged gas solutions. Explore our website to discover the full range of available gases and explore how we can empower your operations.



Unlocking Precision with Specialty Gas Solutions

We go beyond the ordinary, offering a world of possibilities with our diverse range of specialty gases. Whether you require ultra-high purity, unique mixtures, or rare elements, we have the expertise and resources to fulfil your specific needs. Our extensive portfolio of specialty gases includes:

- **Calibration Mixtures:** Ensure the accuracy and reliability of your analytical instruments with precisely formulated gas mixtures designed for specific calibration requirements.
- **Ultra High Purity (UHP) Gases:** Achieve unrivalled purity levels for critical applications in research, semiconductor production, and high-performance technologies.
- **High Purity (HP) Gases:** Maintain high-quality standards in various applications with consistently pure gases, offering a balance between performance and cost-effectiveness.
- **Critical Mixtures:** We custom-blend specific gas mixtures with precise and accurate component ratios, catering to your unique analytical or industrial needs.
- **Rare Gases:** Explore the unique properties of elements like Helium (He), Neon (Ne), Argon (Ar), Krypton (Kr), Xenon (Xe), and others, suitable for specialised research and applications.
- **Hydrocarbons:** Access a variety of hydrocarbon gases, including methane (CH₄), ethane (C₂H₆), propane (C₃H₈), and others, crucial for various industrial processes and research endeavours.

We offer these specialty gases in various packaging options, including high-pressure cylinders, lecture bottles, and microbulks, to suit your specific application and volume requirements. Additionally, we can tailor pressure levels to meet your specific needs, ensuring optimal performance in your desired environment.

Oxygas Gases is committed to providing exceptional customer service, expert advice, and unwavering safety standards. Explore our website to delve deeper into our specialty gas offerings and discover how we can unlock precise control and elevate your research and industrial processes.



Diversify Your Operations with Global Sourcing for Specialty Gases

We understand that access to a diverse range of specialty gases is crucial for various industries. That's why we offer a comprehensive solution, sourcing high-quality ammonia, ethylene, nitrous oxide (N₂O), sulfur hexafluoride (SF₆), and hydrogen chloride (HCl) in both cylinders and bulk ISO tanks from trusted suppliers across the globe.

Global Sourcing: We leverage our established partnerships with international suppliers to ensure consistent product availability and competitive pricing, regardless of your location.

Cylinder and Bulk Options: Choose between convenient, portable cylinders for smaller applications or cost-effective bulk ISO tanks for high-volume users.

Wide Variety of Gases: Our portfolio caters to your specific needs, including:

- **Ammonia (NH₃):** Available in both industrial and food-grade varieties, essential for fertilizer production, refrigeration systems, and various chemical processes.
- **Ethylene (C₂H₄):** Used extensively in the chemical industry for producing plastics, polyethylene, and various other products, offered in various purities.
- **Nitrous Oxide (N₂O):** Available in medical-grade and industrial-grade versions, employed in anaesthesia, food processing, and industrial processes requiring precise temperature control and oxidation.
- **Sulfur Hexafluoride (SF₆):** A highly stable and insulating gas used in electrical equipment, offering exceptional safety and environmental considerations when handled responsibly.
- **Hydrogen Chloride (HCl):** Offered in various purities, vital for various industrial applications like R&D, Pharma, Electronics and Metal Fabrication.

Whether you require a specific gas for ongoing production or a one-time project, **Oxygas** Gases is your trusted partner. Visit our website to learn more about our global sourcing capabilities and discover how we can meet your unique requirements for these and other specialty gases.



World of Refrigerants: Your Global Sourcing Partner

We keep your world cool, offering a comprehensive range of refrigerant gases in cylinders and bulk ISO tanks from established suppliers around the globe. From industry veterans like R22 to cutting-edge solutions like HCs, we cater to your specific needs with reliable availability and competitive pricing. Explore your options with a wide array of refrigerant gases, including:

- **R22:** A classic refrigerant used in older systems, still available in limited quantities where permitted.
- **R32:** A high-performance, single-component refrigerant offering efficient cooling but requiring specific safety regulations during handling.
- **R134a:** A widely used refrigerant in domestic and commercial applications, transitioning out due to environmental concerns.
- **R404a:** A non-ozone-depleting blend, ideal for lower-temperature applications but slated for phase-out.
- **R407c:** A non-ozone-depleting blend replacing R22 in various applications, with moderate flammability.
- **R410a:** A high-pressure blend replacing R22 in air conditioning systems, requiring specialised equipment and handling.
- **Hydrocarbons (HCs):** Environmentally friendly refrigerants like propane (R290) and isobutane (R600a), gaining popularity due to their low GWP but requiring specific safety considerations.

Cylinder and Bulk Options: Choose convenient cylinders for smaller projects or cost-effective bulk ISO tanks for large-scale operations.

Global Availability: Leverage our established network of international suppliers to ensure reliable access to the refrigerants you require, regardless of your location.

Whether you need a trusted source for legacy refrigerants or are looking to explore the latest eco-friendly options, Oxygas Gases is your reliable partner. Explore our website to discover the complete range of refrigerant gases we offer and learn how our global sourcing expertise can support your cooling needs.



Gas Equipment

- **Regulators:** High-precision regulators for precise pressure control in various pressure ranges, catering to all your gas needs.
- **Valves:** A diverse selection of valves, including line valves, check valves, and safety relief valves, for reliable flow control and system protection.
- **Fittings:** Secure and leak-proof fittings in various configurations and materials, ensuring compatibility with different gas types and pressures.
- **Other Equipment:** Explore a range of additional products like flame arrestors, gas mixers, and pressure gauges, completing your gas control solution.

Secure and Reliable Gas Storage Solutions: Your Global Source

We are your one-stop shop for diverse gas storage solutions. We source high-quality gas cylinders (steel and aluminum), tanks, and other essential equipment from trusted manufacturers across the globe

- **Gas Cylinders:** Choose from an extensive inventory of steel and aluminum cylinders in various sizes and pressure ratings, suitable for storing a wide variety of gases used in, Industrial applications (welding, cutting, inerting), Medical applications (oxygen, nitrous oxide), Laboratory research, and Food and beverage industry (CO₂)
- **Gas Tanks:** We offer a comprehensive range of tanks, including, Bulk storage tanks for high-volume gas storage in industrial and commercial settings, Cryogenic ISO tanks for storing liquefied gases at extremely low temperatures, & Specialty tanks designed for specific gases like ammonia, chlorine, and propane.
- **Dewars & Cryocans:** All types and sizes of dewars and cryogenic tanks can be supplied as per the customer requirements from multiple origins.
- **Additional Equipment:** Explore a wide selection of additional equipment like, Pressure regulators for precise control of gas flow, Valves for safe and efficient handling of gases, and Gas leak detectors to ensure safety and prevent accidents.



Our Advantage:

Extensive Network: Our partnerships with renowned manufacturers across different continents provide you with a diverse selection of products at competitive prices.

Customisation Options: We can source and provide custom-made storage solutions to cater to your specific requirements.

Expert Advice: Our team of specialists possesses extensive knowledge of gas storage solutions and can assist you in selecting the right equipment for your application.

Technical Support: We offer comprehensive technical support throughout the entire process, from initial selection to installation and ongoing maintenance.

Whether you require gas cylinders for your workshop, bulk storage tanks for your industrial facility, or specialized equipment for a scientific research project, Oxygas Gases is your trusted partner.





Ensure Patient Safety with Comprehensive Medical Gas Equipment Solutions

We prioritise patient well-being and healthcare efficiency by offering a comprehensive range of medical gas equipment. We combine the best of Oxygas, a globally renowned brand, with diverse options from trusted manufacturers worldwide, to fulfil your specific needs. To ensure uninterrupted and safe delivery of medical gases with our diverse range of equipment, including:

- **Medical Cylinders:** We offer various sizes and types of medical gas cylinders, specifically designed for oxygen, nitrous oxide, compressed air, and other critical gases.
- **Valves and Regulators:** Choose from high-precision Oxygas valves and regulators, known for their exceptional reliability and durability, alongside dependable options from other leading manufacturers.
- **Gas Panels:** Equip your healthcare facility with high-quality gas panels, facilitating organized and efficient access to medical gases at the point of care.
- **Fittings and Other Equipment:** Explore a wide range of fittings, hoses, flowmeters, and other essential medical gas equipment, ensuring compatibility and smooth operation of your entire system.

Trusted Partner for Healthcare Professionals:

- **Expert Advice:** Our team of specialists possesses in-depth knowledge of medical gas equipment and regulations, guiding you towards the ideal solutions for your facility.
- **Technical Support:** We offer comprehensive technical support throughout the entire process, including installation, maintenance, and troubleshooting.
- **Reliable Delivery:** Experience efficient and timely delivery of your medical gas equipment, ensuring your facility stays operational and prepared to provide quality care.

Partner with Oxygas Gases to ensure the safety, efficiency, and compliance of your medical gas delivery system. Explore our website to discover the comprehensive range of medical gas equipment we offer and experience our commitment to supporting the well-being of patients and healthcare professionals worldwide.



Unleash Precision and Efficiency with American-Made Welding Solutions

We take pride in offering a comprehensive range of high-quality welding equipment, sourced from renowned American brands. Whether you're a seasoned professional or a passionate amateur, we have the tools and accessories to empower you to tackle any welding project with confidence.

Durability and Reliability: Invest in equipment built to last, designed and manufactured in the USA to meet the highest standards for performance and longevity.

Diversity of Options: Explore a diverse selection of products, categorised for your convenience:

- **Oxy-Fuel Kits/Accessories:** Achieve clean, precise cuts and welds with our oxy-fuel cutting and welding kits, along with essential torches, tips, and regulators.
- **Air-Acetylene Kits/Accessories:** Explore portable and user-friendly air-acetylene cutting and welding kits, ideal for light-duty applications, along with compatible tips and hoses.
- **Air-Propane Kits/Accessories:** Discover budget-friendly air-propane cutting and brazing kits, perfect for DIY projects and hobbyists, accompanied by the necessary accessories.
- **Nitrogen Equipment:** Enhance your welding capabilities with nitrogen purging equipment for oxygen-free environments, ensuring cleaner and stronger welds.
- **HVAC/R Tools:** Equip yourself with specialized tools for HVAC/R applications, including pipe cutters, flaring tools, vacuum pumps, and leak detectors.
- **Welding Tools & Accessories:** Explore a comprehensive selection of additional tools and accessories, including welding helmets, gloves, clamps, cleaning brushes, and more, to complete your welding setup.





Comprehensive Gas Filling Plant Solutions

Greenox offers fully integrated gas filling plant solutions for a range of gases, including nitrous oxide (N₂O), ethylene, helium, and various industrial and specialty gases.

Our Gas Filling Plant Services:

- **N₂O (Nitrous Oxide) Filling:** Our nitrous oxide filling solutions are engineered for high safety and purity standards, supporting sectors from healthcare to food processing with specialized N₂O needs.
- **Ethylene Gas Filling:** With rigorous safety protocols, we provide filling solutions for ethylene, essential for industries such as agriculture and manufacturing.
- **Helium Filling:** Our helium filling capabilities span medical, industrial, and scientific applications, offering consistent quality and precise filling processes for liquid and gaseous helium.
- **Filling Solutions for Any Gas Type:** Whether it's industrial, specialty, or medical gases, we tailor our solutions to the specific requirements of each gas, ensuring compliance, purity, and efficiency.
- **Customizable Filling Infrastructure:** We provide scalable filling infrastructure for both high- and low-pressure gases, including automated solutions to handle a wide range of cylinder sizes and storage needs.
- **Maintenance and Technical Support:** Our end-to-end services include regular maintenance, upgrades, and technical support to ensure plant reliability and minimal downtime.

Industries We Serve with Gas Filling Plant Solutions:

- **Healthcare and Pharmaceuticals:** Safe, pure filling solutions for medical gases, including helium and nitrous oxide.
- **Industrial Gas Companies:** our leading partners.

We can support any industrial gas company for gas filling solutions from





GAS PACKAGES

GAS NAME	PURITY	Package	BULK OPTION	REMARKS
Helium	Grade 4 to Grade 7	10L to 50L 150 to 450 bar	Yes in 40' ISO tanks	Rack/Quad Option Available
Liquid Helium	Grade 5	100L to 500L Dewars	N/A	
LAR	Grade 5	20' ISO Tanks	Only Bulk	Sources: India/Asia
LCO2	Industrial & Food Grade	20' ISO Tanks	Only Bulk	
Ammonia	Industrial Grade	Cylinders & ISO Tanks	Yes Available	Sources: India/Asia
N2O	Medical & Ind Grade	Cylinders & ISO Tanks	Yes Available	
Ethylene	Food & Ind Grade	Cylinders & ISO Tanks	Yes Available	
SF6	Ind Grade	Cylinders	N/A	Sources: China/West

INDUSTRIES WE SERVE WITH OXYGAS GASES

Chemicals & Petrochemicals

For the production of specialty gases and chemicals.



Metal and Steel Manufacturing

Oxygen is critical for steelmaking and other metal production processes.

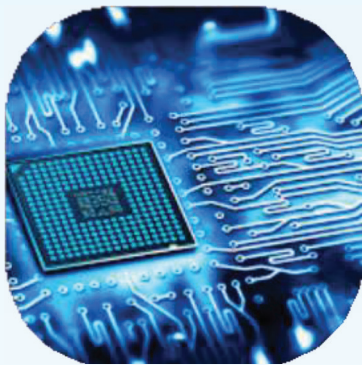
Healthcare and Medical

High-purity oxygen for hospitals, clinics, and medical facilities.



Food and Beverage

Nitrogen for packaging and preserving food.



Electronics & Semiconductor

Nitrogen and oxygen for controlled atmospheres in manufacturing process.



Energy and Power

Oxygen for power plant combustion and gasification.

Aerospace

Oxygen and nitrogen for testing, processing, and production.



Pharmaceuticals

Gases for production and research purposes



Glass Manufacturing

Oxygen for improving combustion efficiency in glass production

FIRE FIGHTING SERVICES

Oxygas Gas is the leading Refilling Service provider in Uganda for Fire & safety Industry and Marine Industry, offering a reliable refilling service for CO2, FM200, NOVEC and INERGEN systems

Refilling service for fire fighting

- Refilling of CO2
- Refilling of FM200
- Refilling of NOVEC 1230
- Bulk CO2 Supply
- Refilling of Inert Gas
- IG01 - 100% Argon
- IG100 - 100% Nitrogen
- IG55 - 50% Argon+ 50% Nitrogen
- Servicing of all types of Fire Extinguishers (from 5 Ltr to 140 Ltr Extinguishers)
- Hydrotesting for Cylinders - We provide the Hydro Test certificate for each cylinder after job completion.



Co 2 Fire Extinguishers

Refilling of CO2 Fire Extinguisher from 5 Ltr to 140 Ltr. Carbon dioxide fire extinguishers are designed to protect areas where Class B and electrical fires occur. CO2 extinguishers are used indoors where winds and drafts do not affect discharge and where clean agent is required.



Refilling of FM 200 and NOVEC

Oxygas Gas is the leading supplier of Clean Agent Fire Suppression Systems in Uganda. Our refilling facility is capable of refilling cylinders for Novec 1230 and FM200 Systems.



Refilling for Inert Gas System

Inert Gas is a colorless, odorless, electrically nonconductive gas with a density approximately the same as air. Inert Gas is stored as pressurized gas within the cylinder assembly. When discharged into a protected space, it is clear and does not obscure vision.



Co2 Bulk Supplies

At Oxygas , CO2 can be supplied in Cylinder, Dura Cylinders, Cylinder Racks, Tonners or various other forms as per needs of the customers. Tailor-made solutions in supply chains ensure reliability and continuous gas supply.

LIQUEFIED PETROLEUM GAS

LPG is by far the most versatile, portable, clean, accessible and efficient energy source which is readily available to consumers around the world and used in thousands of applications.

Some of the sectors served by LPG are as follows:

- Hospitality
- Transportation
- Power generation
- Heating
- Industries
- Farming
- Cooking
- Recreational purposes

LPG is a gas easily stored in liquid form in small, medium or large containers.

We at Oxygas provide versatile fuel backed by optimized solutions to meet the needs of our customers from last 20+ years.

Enhanced LPG Solutions: From a single product LPG, OXYGas started diversifying in Enhanced LPG Solutions for specialized applications.

OXYGAS has invested in state of the art Aerosol Plant to produce Odorless Gas and caters to various industries like Perfume, Cosmetic, etc.

DIVERSE SUPPLY MODES IN LPG ARE...

LPG BOTTLING

LPG Bottling plants spread over different locations and built with a state - of - the - art technology are equipped to fill 25lbs, 50lbs and 100lbs cylinders functioning at highest safety levels meeting international standards and adhering to the local regulators requirements.

These LPG bottling facilities caters to the requirements of OxyGas cylinder distributors within UGANDA
The plant is equipped with Cylinder filling facility.





OXYGAS LTD

Medical, Industrial, Cooking Gas and Welding Accessories

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