



Air Products About us

Sustainably creating long-term value

Our products improve the environment, make our customers' processes better and fulfill societal needs. We are focused on improving our operations to manage environmental, social and governance risks.



Our Sustainability Strategy



Grow • Conserve • Care

SUSTAINABILITY

Grow responsibly through sustainability-driven opportunities that benefit our customers and the world.

Conserve resources and reduce environmental footprint through cost-effective improvements.

Care for our employees, customers and communities—protecting our license to operate and grow.

Our Total Safety Philosophy

Maintaining a safe workplace is a **fundamental and moral responsibility**.

We take the approach that all accidents are preventable.

Safety ^{#1}

The only acceptable goal is **zero** accidents and incidents.

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We will strive toward that goal in **every** location, every day.



Our solutions benefit customers around the world



Freshline® gas mixtures and equipment for the food and beverage industries extend the shelf life of food products, help improve flavor, reduce waste and production costs.

- Modified atmosphere packaging (MAP)
- Cryogenic freezing, individual quick freezing (IQF) and cooling



Halia® oxidation technologies improve the health of fish in aquaculture and improve water treatment efficiency, reduce unwanted by-products in drinking water, sediment and volatile organic compound (VOC) emissions from wastewater treatment plants.



Linx® welding mixtures are available in innovative Integra® cylinders with integrated pressure regulator and safety guard and offer you:

- faster welding
- better weld quality
- improved weld profile
- less spatter
- reduced post-weld cleaning

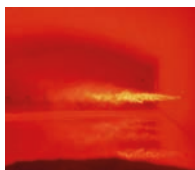


The unique properties of **Specialty gases** (99.995% purity and above) help increase productivity, optimize performance and reduce costs.

- UHP gases in BIP® cylinders and traditional UHP gases
- Experis® Process and Calibration mixtures certified by ISO 17025 accredited laboratory
- Canisters - Mixtures and pures
- Traded chemicals, rare gases and refrigerants



We are a leading manufacturer and supplier of helium and **rare gases: neon, krypton, xenon.**



Our oxy-fuel and oxygen enrichment technologies help to increase production, reduce fuel costs, reduce emissions and improve operational efficiency with minimal capital investment. **Technologies are relevant to manufacturers of glass containers, flat glass, fiberglass, special glass, non-metallic minerals, cement or lime.**

We also offer specialized equipment ranging from Cleanfire® oxy-fuel burners to the innovative Cleanfire® HGM™ hybrid melting furnaces.



Cost effective Cryo industrial technologies:

- Deflashing
- Grinding
- VOC recovery
- Reaction cooling
- Polarsnow



Biogas upgrading makes it possible to obtain purified biomethane for further industrial use: to generate heat and power or as fuel for cars. Moreover, methane capture is an effective short-term way to prevent global warming.



Greenhouse CO₂ enrichment increases yields by significantly increasing the photosynthetic efficiency of plants and yields.

- Helps to avoid vegetative arrest during maximum solar radiation
- Leads to optimal homogenization of sizes and characteristics of fruit
- Increases the leaf surface



SmartFuel® hydrogen refueling technology provides a complete refueling infrastructure for fuel cell vehicles, hydrogen forklifts and other material handling vehicles. Hydrogen fuel can be used for various transport to eliminate or significantly reduce emissions.



The gasification process converts coal, high sulfur liquids or natural gas into syngas to be used in chemicals, synthetic liquid fuels, lubricants or power generation.



CO₂ Capture, Utilization and Storage (CCUS)

technologies help to make operations greener by reducing harmful emissions into the atmosphere. Wide portfolio of technologies:

- CO₂ Distillation
- CO₂ VSA
- Membranes
- Hybrid cycles
- Storage (cryogenic liquid, gaseous)
- Transportation (road, rail, ship, sub/supercritical pipeline)
- CO₂ capture retrofit



We are the world's leading supplier of **liquefied natural gas process technology and equipment**, which enable the use of economical transport and renewable energy sources around the world. The technology portfolio contains solutions for a wide range of production volumes, from a few tons per hour to millions of tons per year.



PRISM® onsite gas generation systems for production of oxygen, nitrogen or hydrogen are based on proven, advanced technologies and range from packaged membrane systems, PSA—to cryogenic installations to deliver the dependable and economical mode of gas supply whether a facility needs 95%, 99.5% or 99.9995% purity; small or a very large flow rate.



We are flexible in offering options to our customers. Choose the option that best suits your company's strategy.

- **On-site gas generation (SOG - Sale Of Gas)** - the great advantage of this option is that there is **no investment in technology and equipment for the customer**, as well as there are **no maintenance and operating costs**.
- **Purchase of technology equipment (SOE - Sale Of Equipment)** - in this case **all the costs of purchasing technology and equipment, as well as the costs of operating and maintaining this equipment, are borne by the customer**.



We consider **the purchasing of your pre-owned asset like the Air Separation Unit (ASU) or Steam Methane Reforming Unit (SMR)** at fair market value (FMV) in return for long term contract and monthly facility charge. Air Products guarantees reliable gas supply, no risks and other benefits for your business.



PRISM® membrane systems for industrial applications:

- Nitrogen membrane separators
- Process Gas Systems
- Biogas upgrading membrane separators
- PRISM® and CACTUS® membrane dryers
- Membrane separators for oxygen-enriched air applications
- On Board Inert Gas Generating Systems (OBIGGS)



A full range of design, construction and technical support services in frames of projects for our customers.

Supply modes

On-site Gas Generation



A reliable and cost-effective way to produce industrial gases at the point of their consumption in a wide range of capacities - from mini-generators to large-scale plant.

Liquid bulk



Optimal delivery method for high volume consumption and end use of liquid gas.

Packaged Gas Cylinders



New safety 50L cylinders with 200 bar filling pressure. A residual pressure valve prevents atmospheric air from entering the cylinder, and a comfortable handle-shaped headband protects the valve from damage and makes rigging easier.

Packaged Gas Cylinder packs



Packs of twelve 50L cylinders with 200 bar filling pressure are united by a single manifold - a convenient and safe way of supply with a large volume of consumption of compressed gases and gas mixtures.

Equipment and Service



Supply of technological equipment on demand and technical support within the frames of projects.











Air Products is a world-leading industrial gases company

We provide essential industrial gases, related equipment and applications expertise to customers, including liquefied natural gas process technology and equipment, develop, engineer, build, own and operate some of the world's largest industrial gas projects, including gasification projects that sustainably convert abundant natural resources into syngas for the production of high-value power, fuels and chemicals; carbon capture project's; and world-scale carbon-free hydrogen projects supporting global transportation and the energy transition.

Air Products worldwide

\$8.9 billion in FY20 sales	19,000+ employees	50 countries
~\$60B market cap	8 decades in business	170,000+ customers
1,800 miles of industrial gas pipeline	750+ production facilities	30+ industries served

Air Products in Uzbekistan

 Since 2019 year on the Central Asian market	 Office in Tashkent
 Wide scale large-scale, incl. investment projects in the partnership with the largest companies of the energy sector	 80+ years experience of the best international practices accumulated over decades
 Local support in various tasks	 International support by Air Products experts



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