

Company Overview



Praxair, Inc., a Fortune 250 company with 2014 sales of \$12.3 billion, is one of the largest industrial gases companies worldwide. The company produces, sells and distributes atmospheric, process and specialty, and high-performance surface coatings. Praxair products, and technologies are making our planet more productive by bringing efficiency and environmental benefits to a wide variety of industries, including manufacturing, primary metals and many others.

Praxair online: www.praxair.com

Number of Employees: 27,000 worldwide

Products:

Industrial gases – Atmospheric gases (oxygen, nitrogen, argon and rare gases). Process gases (carbon dioxide, helium, hydrogen, electronic gases, specialty gases and acetylene).

Surface coatings – Wear-resistant and high-temperature corrosion-resistant metallic and ceramic coatings and powders.

Services:

On-site gas handling and monitoring systems; supply-chain management; pipeline and plant services; utility management and co-generation; turnkey design and construction; inventory control.

End Use Markets:

Industrial gases – Aerospace, chemicals, electronics, energy, food and beverage, healthcare, manufacturing (including metal fabrication, glass, pulp and paper, water treatment), metals.

Surface coatings – Aircraft, electronics, printing and textiles, chemicals, primary metals.

Technology:

Industrial gases – Introduced cryogenic air separation to U.S. industry in the early 1900's and led development of non-cryogenic supply systems. Continuing innovation in application technologies specific to particular industries.



Surface coatings – Thermal spray coatings, including detonation gun, plasma, high-velocity oxy-fuel and diffusion processes. Anilox and hydrophilic roll surfaces. Thermal spray powder development and manufacturing.

Global Capabilities:

More than half of Praxair's sales are generated outside the U.S. through subsidiaries and regional companies.

Examples of how Praxair products and technologies are used:

Food packagers use Praxair's nitrogen to keep potato chips fresh longer. Praxair's nitrogen, carbon dioxide and dry ice — and specially designed chillers and freezers — are used to preserve the flavor of burgers, bakery goods and other foods during storage and transportation.

Steel makers use Praxair's combustion technologies to increase efficiency and reduce emissions.

Beverage companies use Praxair's carbon dioxide to put the fizz in soft drinks.

Semiconductor and solar cell manufacturers use a variety of highly specialized, high-purity Praxair gases and technologies.



Municipalities use Praxair's oxygen to aerate wastewater during treatment and Praxair's carbon dioxide to treat drinking water.

Hospitals use Praxair's medical oxygen for patients and Praxair's helium in magnetic resonance imaging (MRI) machines.

Telecommunications companies use Praxair's helium in the production of fiber optics, and, thanks to Praxair technology, they can recycle most of the helium they use.

Electric utilities use Praxair's low-NOx technology in their coal-fired boilers to reduce nitrogen oxide emissions.

Petroleum refiners use Praxair's hydrogen to produce cleaner-burning gasoline and diesel fuels.

Movie producers have used Praxair's liquid synthetic air to produce special effects in movies such as *Spider Man*, *Batman and Robin*, *Armageddon* and *Bruce Almighty*.