

# 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](http://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*.