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Air Separation Plants

Design and construction of air separation plants are part of Linde's traditional scope of activity, which led at the turn of the 19th century to the establishment of Linde's Engineering Division. The start-up of the world's first air separation plant in 1902 initiated the development of the cryogenic industry. Today, several hundred engineers and specialists work at Linde for the worldwide sale and contract execution of plants recovering the air components oxygen and nitrogen as well as the various rare gases.

Over 2,800 air separation plants in 80 countries bear witness to the outstanding market position of Linde in this field of technology.

Quality, safety, health and environmental protection (QSE) have an outstanding importance in our work. Customers expect us to supply safe and economical plants according to latest technology. Linde Engineering stands for this, both at home and abroad.

Example



The largest multi-train air separation plant in the world supplying nitrogen for enhanced oil recovery in Mexico.

Customer:

Petroleos Mexicanos Coportivo (Pemex)

Location:

Cantarell, oil field in the bay of Campeche, Mexico

Capacity:

1,500 MMSCFD (50,000 t/d) of nitrogen

Start-up:

2000, extension in 2005