

# Cryogenic Nitrogen and Oxygen Plants



A typical cryogenic air separation unit at a customer site

Cryogenic Air Separation Units offer a bespoke, but modular design for easy installation which will produce a highly reliable supply of high purity gaseous oxygen and/or nitrogen at a customer's site. Both liquid oxygen and liquid nitrogen are available as co-products.

Compressed air is cooled down to cryogenic temperatures and fed into a distillation column system. The air is distilled to produce the required oxygen and nitrogen products. Returning product streams are used to cool the compressed air feed. The gaseous product is then passed to the customer.

The **Guide to PRISM® On-site Gas Generation** provides an explanation of when a cryogenic plant may be a suitable mode of supplying your nitrogen or oxygen. For a copy of this CD ROM please contact us

