

# PRISM® Nitrogen Generator - HPN Plant



A typical HPN gas generator producing high purity nitrogen (up to 5 ppm oxygen) at a customer site

The PRISM HPN generator uses proprietary technology and the principles of distillation to efficiently generate low cost nitrogen. The PRISM HPN reliably produces nitrogen across a wide range of flows and to liquid purities, providing significant cost savings compared to liquid nitrogen supplied by traditional methods.

Compressed air enters the closed loop system which uses a small stream of liquid nitrogen to provide refrigeration. Extremely cold air is passed into the distillation column, whereby oxygen molecules condense to produce a nitrogen-rich product stream which is fed directly to the customer.

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



Modular design allows for easy installation and fast start-up times, whilst proven technology minimises maintenance and enhances reliability.

