



# ***APEX Industrial Gas Services***

*Hydrogen services*

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### **Hydrogen services**

If planned or unplanned shutdown of your hydrogen supply means hours of lost production, APEX Industrial Gas Services can meet your hydrogen needs for a range of volume and pressure requirements. Whether hydrogen

is needed during plant turnarounds, start-ups, catalyst regeneration or maintenance activities, APEX Industrial Gas Services can be on-hand at short notice to meet your needs.

### **Imagine the possibilities**

Back-up hydrogen supply during scheduled and unscheduled plant shutdowns. Temporary hydrogen supply

during periods of increased production. Hydrogen to sweeten existing supply to capture productivity gains.

### **How does Air Products do it?**

APEX Industrial Gas Services maintains a range of quick response supply capabilities with its mobile hydrogen services equipment including tube trailers, liquid supply and a mobile liquid hydrogen pumping units. The most

economical and reliable supply option is recommended based on your flow and pressure requirement and the logistics support to service your site.

### **Variable-pressure supply capability**

When you need large volumes of hydrogen at pressures up to 3000 psig (200 barg), our mobile equipment can control pressures and flow rates to meet your requirements. With Hydrogen available at high pressure

and volume, production operations on Isomerisation Butamer and Hydrotreater units can remain running during periods of scheduled or unscheduled shutdown of your hydrogen source.

### **Why APEX industrial gas services?**

Air Products is the largest supplier of hydrogen in the world. It developed the concept of liquid hydrogen pumping in the late 1970s and continues to lead in high pressure liquid hydrogen systems technology. Our hydrogen systems are in place in all phases of the refinery and petrochemical industry. It is this understanding of hydrogen and its use

in the refinery and petrochemical industry that allows us to recommend the most efficient, effective and risk-free option. Air Products' distribution facilities are strategically located in areas of chemical and petrochemical production concentration to maximise convenience.

### **24 hour call-out service**

APEX Industrial Gas Services offers an emergency hydrogen service. Its staff are available on call 24 hours a day and their knowledge and experience in dealing

in various chemical and process industry applications enables them to mobilise the right equipment, labour and product supplies at short notice.

**tell me more**  
**[www.airproducts.co.uk/apex](http://www.airproducts.co.uk/apex)**

APEX Industrial Gas Services, Air Products PLC, Sharp Street, Walkden, Worsley, Manchester M28 5WA  
General enquiries: +44 (0) 800 389 0202 Fax: +44 (0) 1932 258652  
**Emergency 24 hour contact line: +44 (0) 161 252 4242 (24 hour)**  
Email: [apexuk@airproducts.com](mailto:apexuk@airproducts.com)

