



APEX Industrial Gas Services

Waste water treatment services

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Air Products APEX Industrial Gas Services provides valuable temporary services to the Waste Water Treatment Industry. Our APEX team can assist in 2 areas:

Aeration performance testing

Prior to the handover of an effluent treatment plant an aeration performance test is usually carried out to confirm the quoted aeration capacity installed with the plant. Traditionally this testing uses hazardous chemicals such as sulphite to deplete the oxygen levels within an aeration tank before raising the dissolved oxygen levels using aeration equipment. This could lead to potentially hazardous chemicals remaining in the water that could be harmful if discharged. Using APEX services is a more environmentally friendly option as nitrogen is used as the de-oxygenation chemical.

For both operations the service is supplied by using a mobile purge unit and depending on the requirement, can be operated by a single technician and the equipment can be deployed immediately on arrival to site. The APEX purge unit comes with a 15 Tonne capacity Nitrogen tank and is complete with large vaporisers and gas control equipment to suit a wide range of flows & pressures.

Effluent plant purging

Where effluent digester and gas plants are commissioned or decommissioned they need to be purged using an inert gas.



Why APEX industrial gas services?

The APEX team has a unique position in the industry. With over 35 years' experience in nitrogen-related services, not only can it offer a wide range of nitrogen

pressure and temperature supply options, but as part of Air Products it has a secure product supply capability from a large network of gas plants located around Europe.

24 hour call-out service

APEX Industrial Gas Services offers an emergency nitrogen 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

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