



WATER

‘Supporting the Water Industry to stay safe, compliant and profitable’

Assentech has earned an enviable global reputation as the innovator, manufacturer, and supplier of the award-winning Vent-Less test bench, the ultimate risk mitigation tool for breather valves. We are committed to going beyond the norm to safeguard the industry, offering tailored solutions, products, and expert advice to improve safety, reduce emissions, enhance efficiency, and cut costs. With a presence on two international standards committees, we also provide consultancy services to help clients optimise operations, protect the environment, workforce and neighbouring communities whilst also ensuring regulatory compliance.

Tank Furniture

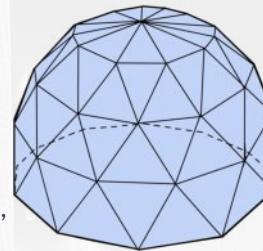
With our tank safety solutions, we help clients improve efficiency, reduce costs, and enhance environmental performance. It’s essential that facilities have confidence in the equipment they install and can demonstrate informed procurement decisions. Installing **non-compliant** equipment puts operators at significant risk, potentially leading to loss of stakeholder confidence, fines, product contamination, tank deterioration, compromised facility safety, and harmful emissions exposure.

For example, if a breather valve leaks, the consequences could be severe. To ensure safety and compliance, we supply Breather Valves with API2000 Test Reports, confirming that each unit has been tested according to International Standards, meets the acceptable leak rate, performs as designed, and is set correctly for the intended application.

This not only demonstrates a duty of care but also highlights responsible procurement, protecting the workforce, environment, reputation, and profitability.

Assentech also offers installation as well as maintenance for the equipment we supply:-

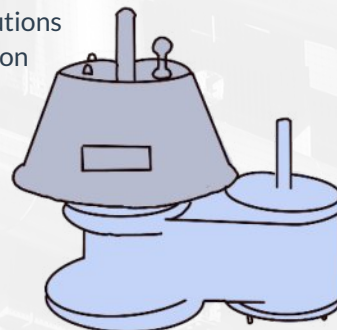
- Breather Valves
- Geodesic Domes



At Assentech Sales Limited, we bring extensive expertise to the Water & Utility sector, focusing on fluid storage, safety, and regulatory compliance. Operating in COMAH sites and ATEX zones, we ensure a high level of safety, backed by the necessary insurance and approvals.

We offer a broad range of sanitary products, custom-built with exotic materials and plastics, tailored to meet the unique requirements of the water industry. Our solutions include tank venting systems for sewage treatment plants, overpressure protection with bursting discs, and LDAR planning to ensure compliance with the Industrial Emissions Directive (IED).

Assentech’s commitment to safety, compliance, and environmental responsibility makes us a trusted partner in the water sector. With our tailored solutions, we reduce the risk of flammable vapour clouds, enhance operational efficiency, and support your regulatory journey. Trust us for reliable, professional solutions in the Water & Utility sector.



LEAK DETECTION AND REPAIR Technologies

The revolutionary and award winning Vent-Less test benches for digester breather valves are fully automatic, aligning with the API2000 5.4 test protocol and recognised as a Best Available Technique. Testing both vacuum and pressure ports in as little as 3 minutes with one operator, this AI-driven commissioning tool manages aging valves, confirms safe functionality, supports compliance verification, leak rate measurement, and underwriter due diligence. It’s the only global technology capable of measuring, monitoring, and reducing fugitive emissions, including Scope 1 emissions from digester breather valves.



The OPGAL EyeCGas OGI camera, integrates Method 21 and OCMP 2.0, for leak detection and perfectly complements Vent-Less for repair.



Breather Valve Specialist Services

Assentech can offer a full cost and environmental benefit analysis. Reduced emissions, safe storage and safeguarding personnel are all benefits of procuring and maintaining quality equipment. Through a comprehensive national network, Assentech offers full servicing capabilities at site, or in our workshops for all tank breathing equipment.

- Breather Valve API2000 Test Reports (Inspect, service, leak test, re-set, calibrate, and re-certify valves from all manufacturers)
- LDAR - Repair (including emission reduction reporting)
- Breather Valve Swap In, Swap Out Servicing

Pre-Install Commissioning Check

- Specification Confirmation
- Verifies flow curve
- Performance Analysis
- Set Point
- Leak Rate

Professional Services

- Expert Technical Support and Regulatory Advice
- Site Visits with Tailored Support
- Leak Detection LDAR OGI surveys with EA approved specialist
- Valve Sizing and Unit Suitability
- Complex Solutions for a wide range of diverse Applications
- Installation of Internal Floating Roofs and Geodesic Domes
- Environmental Impact Assessments