



# Products and Services

**'Supporting the Chemical Industry to stay safe, compliant and profitable' Providing equipment, maintenance and professional services for tank storage, process safety, and fluid transfer applications**

At Assentech, we understand the unique challenges that the chemical industry faces. That's why we offer a range of solutions to help improve safety, increase efficiency, and reduce costs for our clients. Our products include tank venting systems, flame arresters, and loading arms, all designed to meet the specific needs of chemical processing plants. We also provide expert consultancy services to help businesses optimise their operations and comply with industry regulations.

## Tank Furniture

We provide a range of high-quality equipment and accessories to enhance tank safety in the chemical and other industries. Our Blanket Gas Regulators, Breather Valves (PVRV), Flame Arrestors, and Emergency Relief Valves are designed to help prevent contamination, oxidation, and explosions caused by pressure and vacuum build-up inside the tank. Our products are reliable and meet the highest safety standards, ensuring that businesses can operate with confidence and minimize the risk of accidents. With our tank safety solutions, we aim to help our clients improve their efficiency, reduce costs, and enhance their environmental performance. Breather Valves are supplied with API2000 Test Reports to demonstrate duty of care and environmental focus.

Assentech supply and service the full range of all manufacturers products including:

- Blanket Gas Regulators
- Breather Valves (PVRV)
- Flame Arrestors
- Emergency Relief Valve



Assentech can also leak test, calibrate, and re-certify valves from all manufacturers.

## Process Safety

Assentech provides a range of high-quality equipment to enhance process safety in the chemical industry. Our products are reliable and meet the highest safety standards, ensuring that chemical processing plants can operate with confidence and minimize the risk of spills, leaks, and other process-related incidents. With our process safety solutions, we aim to help our clients improve their efficiency and reduce costs, while also enhancing their environmental performance.

- Break-Away Couplers
- HILTAP Couplings
- Dry Disconnect Couplers (Epsilon Coupler)
- Loading Arms
- Bursting Discs
- Ground Verification Controller



## VENT-LESS<sup>®</sup>

The range of tank breather valve test benches are recognised as the Best Available Technique to check leakage, set point, flow and overall performance. Wide range of uses including pre-commissioning tool, assists with hazardous area zone categorisation, API2000 individual certification, management of aging plant, environmental impact assessor, regulator/auditor compliance tool, carbon offsetting, Factory checks and underwriter due diligence. The only technology worldwide which can measure, monitor and reduce fugitive emissions from tank breather valves.



## Professional Services

Assentech can offer a full cost benefit analysis to support maximisation of tank venting equipment. Reduced emissions, safe storage and premium quality are all benefits of optimised breather vent performance. Through full and comprehensive calibration and leakage testing of breather and emergency vents, customers have peace of mind that their equipment is fully compliant with all relevant standards (API2000 & ISO28300).

Through a comprehensive national network, Assentech offers full servicing capabilities at site, or in our workshops for all tank breathing equipment.

- Breather Valve API2000 Certification
- Valve Sizing
- Swap In, Swap Out Servicing
- Valve Inspection
- Valve Servicing
- Academy Training
- Emission Quantification and Reduction
- Compliance Advice

Scan Me



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# Vent-Less Breather Valve Test Bench

*"Keeping the Chemical Industry safe, compliant, and profitable"*



## Verify Functionality

- Confirm correct assembly and calibration

## Transit Damage Mitigation

- Functionality check following transportation

## Assess Emissions' Impact

- Check leak rates before installation

## Standards Compliance

- Guarding against untested Manufacturer Breather Valves

## Verify Valve Specifications (Data Sheet)

- Verification of calibration to prove due diligence

## Certification

- Evidences proof of performance for regulatory bodies

## Evidential Check

- Demonstrates duty of care highlighting responsibility



**VENT-LESS**

## Assentech Sales Limited Chemical Industry Offerings CHEMUK 2024

Vent-Less Breather Valve Test Bench  
GOLD Tank Storage Awards: Environmental Performance

