

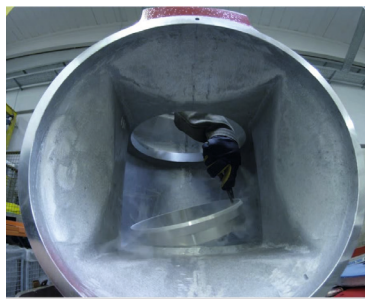
PROTEGO® OOOO Compliance and Solutions

Methane Emission Reductions: PROTEGO® Valves support OOOO compliance by meeting or exceeding the testing requirements of EPA Method 21 standard of less than 500 ppm.



EMISSION CONTROL AND LEAK TIGHTNESS

- **EPA Method 21 Compliance:**
PROTEGO® Valves meet the requirements of EPA Method 21 for leak detection with a threshold of 500 ppm, or less. PROTEGO® Valves have utilized superior sealing technology for decades that inherently ensure leakage rates below this requirement at 90% of set pressure.
- **Full Lift Technology:**
PROTEGO® Valves utilize a full lift technology that enables higher set pressures. Increasing the set pressure of the valve allows the tank to be operated at a higher pressure without risk of increasing emissions. A wider pressure range not only keeps vapors in the



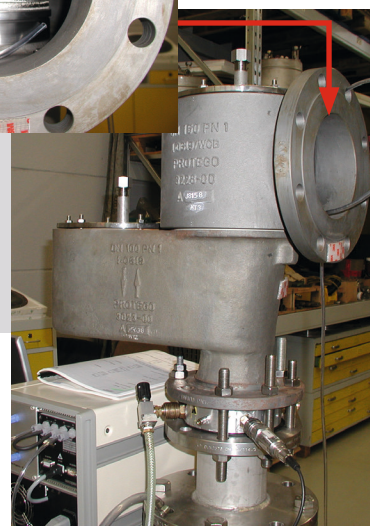
Valve seats are shrink fitted

tank longer, but also reduces the number of cycles on the valve. Fewer cycles = less emissions

- **OGI and LDAR Compatibility:**
A combination of superior sealing technology and increased pressure range results not only in OOOO compliance, but also maximizes the overall pressure available from tanks and other equipment.



Location of test probe in EPA Method 21 test setup located directly at sealing surface.



PROTEGO® Valves guarantee operational efficiency



In the PROTEGO® Technology Center, the closing and opening behavior of valves is tested under near-real conditions.



TESTING THE TIGHTNESS OF PROTEGO® VALVES ON THE TANK

- PROTEGO® Valves are engineered to operate well below the 500 ppm leak threshold as defined in the EPA Method 21 guidelines. Regular independent testing validates this performance, ensuring compliance with the most rigorous monitoring standards.
- Our devices feature cutting-edge seals that drastically reduce fugitive emissions, maintaining tightness even under extreme conditions.
- Durability and Maintenance-Friendly: High-quality materials and innovative designs ensure reliability and reduce maintenance costs.

IMPLICATIONS FOR THE OIL AND GAS SECTOR

By integrating PROTEGO® Valves, companies can achieve EPA New Source Performance Standards (NSPS) OOOO compliance, enhance efficiency, and demonstrate sustainability through advanced emission reduction strategies.

If you have any questions or issues regarding OOOO compliance, please contact our expert team. We are happy to help you.

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