



Innovate Service Perform

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Certified Low-E Valve Packing Program Ideal for Emission Control

Low-E Valve Packing for Meeting the New API Standard of 100 ppm VHAP fugitive emissions and proactively avoiding EPA Consent Decrees.

Independently tested and proven to exceed API Standards/Requirements

VSP Technologies' Ecomap™ program is designed to help companies address Enhanced LDAR Consent Decree Compliance as well as support companies that seek best available control technology (BACT) with lowest emission (Low-E) packing and gaskets.

To help companies meet these stringent standards VSP Technologies uses a 6-Sigma process encompassed in our Ecomap™ program;

1. Represents materials that meet API standards for Low-E,
2. Provides ASME peer reviewed tools, expertise and experience to help companies make informed decisions concerning materials/products specifications with torque/compression guidance,
3. Provides training and procedures to ensure that valve and flanged connection sealing elements are properly installed,
4. Provides documentation support to help demonstrate BACT to meet Consent Decree Compliance.



Ecomap™ Low-E Approach

The new API 622 standard requires packing to meet a minimum average emission rate of less than 100 ppm with ZERO single readings above 100ppm allowed throughout the duration of the test.

API 622 2nd edition tested and qualified
API 624 tested and qualified for valve OEMs
Fire safe to API 607
ChevronTexaco Standard tested and passed
Valve Packing Emission Warranty

- Extremely low published emissions for any spool packing per API 622
- Currently meets and exceeds requirements for enhanced LDAR and Consent Decree Compliance
- Engineered packing set emissions capability from a single spool of packing
- Fits a wide range of block valves, thus minimizing inventory
- Minimizes installation errors compared to two or multi-spool packing designs
- Simplifies field installation versus multi-spool products
- Meets Consent decree requirements
- with Low E Valve packing technology
- Reduces LDAR monitoring costs

Applications

Light and heavy hydrocarbons, VOCs, VHAPs, steam, and most non-oxidizing chemicals.

Prince George, VA

Kingsport, TN | Houston, TX | Parkersburg, WV | Lake Charles, LA | Baton Rouge, LA