Garlock
an EnPro Industries family of companies

Case Study: Style 9000-EVSP LE Refining

INDUSTRY
Oil and Gas

CUSTOMER
One of the largest refining companies in the world.

BACKGROUND
The refinery was experiencing leakage rates of over 500ppm's with their current valve setup and were unsure if those valves were capable of maintaining leakage below the maximum 100ppm of fugitive emissions in the atmosphere set by the Environmental Protection Agency (EPA).

CHALLENGES FACED
The refinery was looking for a trusted solution to lower their emissions in compliance with regulations set by the EPA on over 80 valves within their plant.

OPERATING CONDITIONS
1. Media: Butadiene
2. Temperature: 325°F (163°C)
3. Pressure: 135 psi (9 bar)

SOLUTION AND BENEFITS
Garlock's application engineers suggested the installation of 9000-EVSP LE packing sets to solve the problem. Leakage rate was have lowered by 90% on all of the valves that were repacked. They continue to display very low leak rates after 24 months of service, well below the 100ppm expectation from the plant and EPA.

For more information, please visit:
http://www.garlock.com

GARLOCK
an *EnPro* Industries family of companies
Tel: 1-877-GARLOCK / 315.597.4811
Fax: 800.543.0598 / 315.597.3216
www.garlock.com