

Case Study: GYLON EPIX® 3500 - Copper Refining



INDUSTRY

Mining

CUSTOMER

Western USA copper refiner

BACKGROUND

The customer had been using traditional GYLON® and generic compressed fiber gasket materials. The customer was hesitant to switch to GYLON EPIX® due to their current inventory of traditional GYLON®.

CHALLENGES FACED

Gas shut off globe valve flanges were a chronic source of leakage. The flange surfaces had become rough and irregular with age. The flange design is a flat face 8" Class 150# which is notorious for having marginal bolt load to compress the gasket. These two issues made it difficult for the flange joint to have a tight reliable seal.

OPERATING CONDITIONS

Temperature - Ambient

Application - 8" Class 150# globe valve in main gas feed line

Media - Natural gas

Pressure - 60 PSI

SOLUTION AND BENEFITS

GYLON EPIX® 3500 full face gaskets were installed in the 8" Class 150 flat face flanges of the globe valve and have provided a tight reliable seal since their installation in June of 2018.

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

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