



Case Study: Oil & Gas Pipeline - PIKOTEK[®] VSC-ID[™]

PROBLEM

Pipeline operators based on the west coast of the United States started to notice that their flanges were beginning to experience shorts. Upon inspection it was identified that this was due to a buildup of minute metal particles travelling within the media.

SIGNIFICANCE

Due to the presence of metal particles (conductive material) in the gas pipeline, use of a gasket with a metal core would not be a good solution as it would act as a conductor, increasing the risk of harmful corrosion. The only way to avoid the contact between the media and the core of the gasket is to install a gasket with an internal PTFE seal.

OPERATING CONDITIONS

Temperature:	Ambient
Pressure:	600 psi (41 bar)
Media:	Natural gas
Size:	Multiple sizes ranging from 2" - 12"



SOLUTIONS

The PIKOTEK[®] VSC-ID[™] gasket with its PTFE ID seal prevents microbiologically induced corrosion, making it the ideal solution for this application. After three months of trials, the pipeline engineers have fully approved the PIKOTEK[®] VSC-ID[™] gasket and have implemented it in all possible applications at this site.

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