

CORROSION INHIBITING VpCI® POWDERS



# CASE HISTORY SPOTLIGHT

## Case History #609: Pig Launcher Preservation



**CORROSION INHIBITING VpCI® POWDERS**

### CASE HISTORY

#### PIG-Launcher Preservation



**PRODUCT**  
EcoPouch®

**PROBLEM**  
Dolphin Energy's Dolphin Gas Project is a pipeline from Qatar to customers throughout the UAE and Oman. It is the only international gas network in the region. The overall investment in constructing the entire Dolphin Gas Project has made it one of the largest energy-related ventures ever undertaken in the Middle East at a cost of \$6.2 billion USD and with a capacity of 2 billion standard cubic feet (56.7 million SCM) per day. Part of this pipeline network incorporates PIG (Pipeline Inspection Gauges) launchers—critical sections of pipelines that are used for separation, maintenance, and monitoring purposes. The client wanted to preserve these complex tubulars until the next maintenance schedule.

**APPLICATION**  
The internals of the PIG launcher were first cleaned with compressed air to dislodge any solid debris inside the tubulars. EcoPouch® was placed inside the tubular from a manway. The entire launcher was preserved using 20 EcoPouches total.

**CONCLUSION**  
The customer was very pleased by Cortec's innovative and easy-to-use preservation solution. The complex internal geometry of the equipment was very easily preserved by a small amount of product, with no clean-up or housekeeping requirements. No corrosion or start-up issues had been reported as of publishing date.

**DATE**  
2017

**CUSTOMER**  
Dolphin Energy

**CORTEC® REPRESENTATIVE**  
Biewu International

**LOCATION**  
Doha, Qatar

**PRESENTED BY**

**CORTEC**  
MIDDLE EAST  
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The only international gas network in one region of the Arabian Peninsula is designed with a capacity for 2 billion standard cubic feet (56.7 million SCM) per day. Part of the pipeline network incorporates PIG (Pipeline Inspection Gauge) launchers for separation, maintenance, and monitoring purposes. The client wanted to preserve these complex tubulars until the next maintenance schedule and found that Cortec® was able to provide an easy-to-use preservation solution. The first step was to clean out any solid debris from the PIG launcher using compressed air. The second step was to place EcoPouches inside from a manway. These pouches contain Vapor phase Corrosion Inhibitors packaged inside a breathable membrane, which allows the corrosion inhibitors to diffuse and protect metal surfaces throughout the void. The innovative solution had no cleanup or housekeeping requirements and left the customer very pleased.

Read the full case history here: [https://www.corteccasehistories.com/?s2member\\_file\\_download=access-s2member-level1/ch609.pdf](https://www.corteccasehistories.com/?s2member_file_download=access-s2member-level1/ch609.pdf)

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