

# CASE HISTORY

## Preservation of Subsea Pipeline Connectors



### LOCATION

Egypt

### PRODUCT

VpCI®-414 Cleaner/Degreaser  
VpCI®-422 Rust Remover  
VpCI®-111 Emitter  
VpCI®-369 Rust Preventive  
VpCI®-126 HP UV Shrink Film

### PROBLEM

The customer had procured and stored 19 spare subsea pipeline connectors for several years without protection. Upon inspecting the connectors, they were found to be rusted and required refurbishment. The customer required a long term preservation solution for the refurbished connectors that would withstand the harsh outdoor storage conditions and keep the spares ready for use at any time.

### APPLICATION

Loose rust and surface contaminants on the swivel flanges and bolts were removed using pressurized air. The parts were then put in a tank filled with VpCI®-422 Rust Remover, where they were left to soak until the rust completely disappeared. The rust removal process was followed by power washing with VpCI®-414 Cleaner/Degreaser diluted 10% with water. The parts were allowed to completely air dry and then coated with VpCI®-369 Rust Preventive. The refurbished connectors were then protected with VpCI®-111 Emitters and shrink wrapped with VpCI®-126 film HP UV.

### CONCLUSION

Customer was impressed by the efficiency of Cortec's rust removal and preservation technology and decided to implement Cortec's "Clean, Protect, & Preserve" concept and products to other equipment stored in the warehouse.

### DATE

January 2015

### CUSTOMER

Petrobel - Belayim Petroleum

### CORTEC® REPRESENTATIVE

Cortec® Middle East

### CONTRACTOR

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