



CORROSION INHIBITING VpCI™ POWDERS

CASE HISTORY

VpCI – 609 Powder

Vapor phase Corrosion Inhibitor Power



PROBLEM

Saudi Aramco needed to mothball their oil decks, which was fabricated by J. Ray McDermott. Initially they were purging the entire piping with nitrogen and Dry Compressed Air (Instrument Air). By doing so they were not able to achieve negative dew point, which was impossible. Cortec offered VpCI 609 as an effective product to protect the oil platform,

McDermott was convinced about VpCI-609 and decided to use.

DATE

August 2005

CUSTOMER

J. Ray McDermott
Middle East Inc
Jebel Ali – Dubai UAE

CONTACT

Amrishi Guptha
Commissioning Engr.
Arshad Desai - Sr. Operation Engr.

CORTEC REP

The Kanoo Group - Dubai

LOCATION

Jebel Ali, Dubai UAE

CORTEC PRODUCT

VpCI – 609 Powder

APPLICATION

The volume of the entire piping of the deck was calculated. The calculated amount of water was taken in tank and about 1.2 % of VpCI 609 was added. The entire BRRY Deck was filled with and left for about 24 hours. Then the solution is drained and its blind flanged by installing corrosion coupons to assess the corrosion after 6 month or 1 year.

REASON CORTEC SELECTED

VpCI- 609 provides a perfect solution for hydro testing and preservation. VpCI – 609 has HONFC approval that it can be readily discharged in to the sea, low toxicity level, which provides excellent corrosion protection with virtually no environmental impact. VpCI –609 was used for preservation of internal surfaces on pipes and vessels of the BRY 182/187 shown in the picture.

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