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Cortec® Corporation and Kanoo Group Successfully Completed a Major Asset Preservation Operation in the Middle East

Cortec® Corporation and its distributor in the Middle East - The Kanoo Group - have been chosen among fierce competition by Dugas, one of leading natural gas processing companies in UAE, for preservation project of their manufacturing plant. Dugas - Dubai Natural Gas Company Limited - operates a major natural gas processing facility and MTBE (Methyl Tertiary Butyl Ether) manufacturing plant located on the shores of the Arabian Gulf.



Photo: State-of-the-art MTBE manufacturing plant is one of the largest engineering feats ever undertaken in the area of Middle East

MTBE (Methyl Tertiary Butyl Ether) plant produces an additive for unleaded gasoline, allowing cleaner, more complete burning thereby reducing emissions. The plant was shut for an indefinite period due to the shortage of feed supply. Cortec® and the Kanoo Group were able to capitalize this opportunity and provide highest quality corrosion protection to the plant and environmental protection. Among serious competitors for the project, the Kanoo Group was selected thanks to the Cortec's products strength, technical expertise and the technical-commercial offerings.



Photo: The fin fans were coated with Cortec® coatings and covered with anti-corrosion MilCorr® film (left). Equipment protected with MilCorr® film (right).

Kanoo Group's engineers discussed with the customer the possibilities of corrosion occurrences while the plant is down. A series of presentations were made and they offered the customer a complete system of lay-up and mothballing solution for long-term corrosion protection.

The total mothballing area estimated to 80,000 sq mt, of which around 30,000 sq mt of insulated pipes and columns. The Corrosion under insulation (CUI) application was a major challenge but was achieved successfully thanks to Cortec's custom engineered integrated solutions to control corrosion in a variety of applications within the most aggressive corrosive environments, including insulated pipes.

Thanks to Cortec's high-performance and environmentally safe products, along with the help of skilled team and good project management the entire project was completed within 7 months, much earlier than planned.



Photo: Mothballing of gas compressors and pumps (left). Insulated pipes being injected with VpCI® inhibitor (right).

Personnel at all levels within the plant appreciated efforts in successful completion of the project and expressed great satisfaction the way project was being conducted. The Kanoo Group also received appreciation letter for their efforts. Since the products and technical support met all of the client's expectations, the project was awarded.

Cortec's patented products used in this preservation project conform to NACE Standard RP 0487-2000, Military specification MIL-PRF-3420 and are RoHS compliant. For further information: www.cortecvci.com