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HIGH PERFORMANCE VpCI® PACKAGING

CASE HISTORY SPOTLIGHT

Case History #380: Power Plant Inventory Preservation



The warehouse at a power and desalination plant in the Middle East had a large inventory of equipment, some of which was rusting due to exposure to a harsh sea environment. Inventory included costly items such as turbine rotor shafts, spare boiler tubes, expansion joints, motors, valves, bearings, and electricals.

First, rust on the expansion joints was removed using VpCI®-422. These large parts were then protected with VpCI®-337, VpCI®-132 Foam pads, and MilCorr® VpCI® Shrink Film. Valves, actuators, shafts, and bearings were cleaned with VpCI®-414 and preserved with VpCI®-337 inside MilCorr® VpCI® Shrink Film. Electricals and electronics were cleaned and protected with Electric® VpCI®-238, equipped with VpCI®-105 Emitters, and wrapped inside VpCI®-126 Film. Boiler tubes were fogged with VpCI®-309, ends sealed with MilCorr® VpCI® Shrink Film, and the tubes placed in boxes that were further shrink-wrapped with MilCorr® VpCI® Shrink Film.

At the two-year inspection, no corrosion was found on the preserved pieces. In addition, whereas the client used to have to replace tarpaulin covers every six months because of damage from high temperatures and humidity, they did not need to replace any covers for at least three years after starting to use MilCorr® VpCI® Shrink Film.

Click here to log in and read the full case history: https://www.corteccasehistories.com/?s2member_file_download=access-s2member-level1/ch380.pdf

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