



VpCI® ADDITIVES FOR WATER TREATMENT

CASE HISTORY SPOTLIGHT

Case History #415: Vessel & Heat Exchanger Preservation to Accommodate End Users

Due to varying end user needs, a manufacturer of heat exchangers and other vessels needed several methods of protecting units from corrosion during the manufacturing process, hydrostatic testing, and shipping/warehousing. The manufacturer wanted to replace current preservation technology options of painting internal surfaces or using nitrogen and desired a product that did not need to be removed for welding.

The first Cortec® preservation option included diluting VpCI®-377 in water during manufacturing and hydrotesting, then drying and sealing the equipment for 18 months of protection during shipment and warehousing.

The second preservation method used VpCI®-609 for hydrostatic testing. VpCI®-609 was subsequently fogged into the unit at varying rates for 6-24 months of protection. The units were sealed and shipped to their destination located in a marine climate.

The third method involved fogging the units with enough VpCI®-309 for 6-24 months of protection, sealing the units, and shipping them to a marine climate.

The customer was very satisfied with the Cortec® products, which were easy to apply and effective in avoiding corrosion problems for each application need.

To read the full case history, please visit the following link:
https://www.corteccasehistories.com/?s2member_file_download=access-s2member-level1/ch415.pdf



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