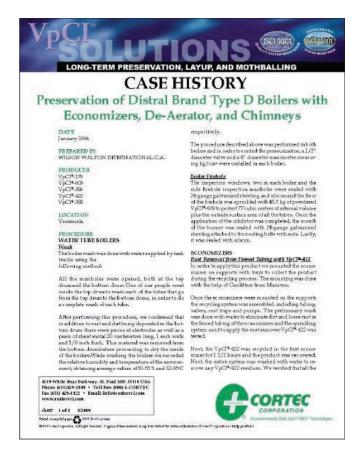


CASE HISTORY SPOTLIGHT

Case History #57: Extensive Preservation of Boiler Systems in South America



Distral Brand Type D boilers and their associated economizers, chimneys, and deaerator needed full cleaning and preservation for layup more than 25 years ago at a site in Venezuela. The project scope covered all components, including both waterside and fireside areas.

- Boilers: VpCI®-609 powder was sprinkled inside the fire-hole. The water side of the boiler was protected with VpCI®-609 and also pressurized with nitrogen.
- Economizers: VpCI®-422 was used to remove rust from finned tubing and restore them to a white metal appearance. VpCI®-388 was coated on the outsides of the finned tubing, and the insides of the economizer tubing were pressurized with nitrogen after applying VpCI®-309. VpCI®-170 was applied along some of the opening edges before sealing.
- Chimneys: VpCI®-386 was used to coat chimney internals after cleaning out any loose dust and rust.
- Deaerator: VpCI®-609 was sprinkled and sealed inside the deaerator.

VpCI® strategies were an important part of the preservation and have been in use on an international level for decades. Although VpCI® has been shown to provide excellent protection without the use of nitrogen, this particular application demonstrated its compatibility with nitrogen pressurization upon request.

Read the full case history here: https://www.corteccasehistories.com/?s2member_file_download=access-s2member-level1/ch057.pdf

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