

BELZONA TO THE RESCUE FOR HIGHER LEARNING

ID: 1158



PROBLEM

After one short year in service, the original coating was delaminating in large sheets exposing the concrete and rebar to the corrosive action of the hot condensate.

APPLICATION SITUATION

Subterranean condensate tank with an operating temperature of 186°F (86°C) and a design temperature of 220°F (104°C)

APPLICATION METHOD

Belzona® 1391 and Belzona® 1511 were applied in accordance with a modified version of Belzona Know-How System Leaflet VPF-2.

BELZONA FACTS

The original failed coating was discovered with only four days remaining in the annual shutdown. Belzona was easily able to recoat the tank in this limited timeframe and to date has given two years of trouble-free service.

INDUSTRY

Buildings & Structures

LOCATION

University Central Energy Plant -
Laramie, Wyoming USA

APPLICATION DATE

August 2008

PRODUCTS

Belzona 1391 (Ceramic HT)
Belzona 1511 (Super HT Metal)

SUBSTRATE

Concrete

PHOTOS

1. Central energy plant
2. Condensate tank after abrasive blasting
3. Belzona 1391 after pinhole testing
4. Belzona application two years later requiring minor touchup due to substrate degradation

For more examples of Belzona Know-How in Action, please visit khia.belzona.com

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