

Location:

El Paso, TX

Date of Application:

January 2009

Market:

Power - Conventional

Substrate:

Steel

Surface Prep:

SSPC-SP 5 (White Metal Blast)

Exposure:

Water Immersion - salt water or
wastewater

Newman Power Plant Tank #2 (Demineralized Water Tank)

Area Coated: Tank Interior

- First Coat: Carboguard 691

Project Description:

The interior of tank #2 (waste water, immersion) at the Newman Power Center needed to be coated for long term protection.

Project Challenge:

Completing the necessary surface preparation (SSPC-SP 5, White Metal Blast Cleaning - per the specification) on the tank prior to lining it was the biggest challenge. Normally, Carboguard 691 on requires a SSPC-SP 10 (Near-White Metal Blast Cleaning) surface preparation for immersion service.

Coating Selection Explanation:

Carboguard 691 was chosen as for its outstanding moisture tolerance during application, low temperature cure, and very fast return to service. The product was applied in a single coat.

Additional Information:

The tank which was coated/refurbished was a demineralized water tank.

