

Client: <i>Seadrill</i>	Industry: <i>Offshore</i>
Scope: <i>Pre-Load Tanks Refurbishment</i>	Date: <i>January 2014</i>
Location: <i>Mexico</i>	Products: <i>Epo-chem™ RS 500P & RA 500M</i>

Overview

Two pre-load tanks (tank 44 & 46) on Seadrill's West Defender platform required a full refurbishment as the existing soft coating systems (Eureka) had failed and were showing signs of severe corrosion.

Challenge

Removal of existing Eureka coating. Grit blasting was not permissible/feasible, therefore an alternative surface preparation method had to be specified. Working within a restricted timeframe also added to the difficulties of this project.

Solution

Both pre-load tanks (44 & 46) were specified with the exact same surface preparation method and coating system. The original soft coating was initially scrapped and degreased before UHP water blasting was carried out @ 30,000psi. One stripe coat of **Epo-chem™ RS 500P** was applied followed by one full primer coat of **solvent-free, rust tolerant epoxy Epo-chem™ RS 500P @ 100µ DFT**. The coating application was completed by applying one coat of **Epo-chem™ RA 500M solvent-free, glassflake epoxy topcoat @ 250µ DFT**.

Outcome

The Eureka coating was successfully removed. The tanks were also completed with no delays to the project and much quicker than was anticipated by the client. The **Chemco** system and the speed of the contract was to the satisfaction of all concerned.

Benefits

- Solvent-free
- No grit blasting
- Reduced H&S and Fire Precaution
- Reduced overall cost and downtime
- Reduced cost of plant and equipment
- No humidity or dew point restrictions
- No disruption to other nearby work (hot)

Continued overleaf

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Photographs

- No. 1 Tank 46 before application
- Nos. 2 and 3 Tank 44 before application

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Photographs

- Nos. 4 and 5 Tank 46 after priming
- No.6 Tank 44 after priming
- No.7 Tank 46 completed application
- Nos. 8 and 9 Tank 44 completed application

Solvent-free • Water-based • Wet-tolerant
• Rust-tolerant • Zero VOC

- Tank & Pipe Linings • Under-water & Marine • Glassflake
- Rust Converters & Primers • Ceramic & Metal Repair • Anti-static, Conductive & Anti-slip Flooring
- Approved for Contact with Food, Drinking Water & Beverages • Damp or Green Concrete Primers
 - Concrete Repair Systems • Elastomeric System
- High Temperature Systems • Fire Retardant • Insulation Systems

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