

Client:	Rowan Companies	Industry:	Offshore
Scope:	Ballast, Diesel Fuel & Potable Water Tanks	Date:	July 2013
Location:	UAE	Products:	Epo- chem™ RS 500P & RA 500M

Overview

The ballast, diesel fuel and potable water tanks on an offshore platform required a full refurbishment after the existing coating systems had failed.

Challenge

The Eureka (soft coating) in the ballast tanks had to be completely removed before the new coating system could be applied. The coating system utilised had to be NSF certified for potable water applications. Working in high humidity also added to the difficulty of this project.

Solution

The Eureka coating was scraped off before the surface of the ballast tank was prepared. All tanks were grit blasted to Sa1 standard and HP fresh water washed. One stripe coat and one primer coat of solvent-free, wet & rust tolerant epoxy Epo-chem™ RS 500P was applied. This was followed by one topcoat of solvent-free, wet tolerant, glassflake epoxy Epo-chem™ RA 500M.

<u>Outcome</u>

The project was successfully completed on time, with no delays.

The same multi-purpose solvent-free, wet & rust tolerant coating system was utilised for all the tanks, resulting in less coating wastage and making the application easier for the contractors as they only had to use one system. Using this system also ensured that the H&S and fire hazards were significantly reduced. This system is NSF Certified and FDA Approved for potable water applications.

Benefits

- Solvent-free
- Wet & rust tolerant properties
- One coating system for all tanks
- No humidity or dew point restrictions
- No overcoating limitations
- Reduced H&S and Fire Precaution

Continued overleaf







Photographs:

- Nos. 1 and 2 Original conditions
- No. 3 After surface preparation

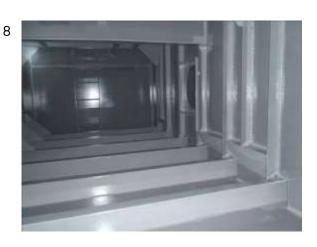
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Photographs

Nos. 4 and 5 Stripe coating

• No. 6 After first coat

• Nos. 7 and 8 Completed application

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