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

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**.

Outcome

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

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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

- 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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