

<b>Client:</b> <i>Talisman Energy</i>	<b>Industry:</b> <i>Offshore</i>
<b>Scope:</b> <i>Ballast Tanks</i>	<b>Date:</b> <i>September 2005</i>
<b>Location:</b> <i>Janice Oil Platform, UK</i>	<b>Product:</b> <i>Epo-chem™ RS 500P</i>

## Overview

The internals of two small ballast tanks in a very difficult access area, required to be completely refurbished in a limited timescale during the maintenance shutdown. There was also a requirement for a long-term corrosion system that would last until the tank was re-opened again in 5 years time.

## Challenge

Working within confined spaces, difficult access with no ventilation or dehumidification and a very tight timescale, no blasting was permitted/feasible, continual water ingress and other contractors working near-by added to the difficulty of this project.

## Solution

Two coats of **Epo-chem™ RS 500P solvent-free wet & rust tolerant epoxy system** @ 150-200µ per coat; total DFT of the system: 300µ. Surface preparation was carried out to St 2 standard by hand/mechanical method.

## Outcome

The major technical benefits offered by utilizing this system ensured the work was completed on time, on budget and with no impact on other contractors. Similar tanks on this platform, as well as others, will now be refurbished utilizing the **Chemco solvent-free** system due to its great success.

## Benefits

- Solvent-free
- No major delays to program
- Reduced H&S and Fire Precaution
- Reduced cost of plant and equipment
- **Chemco** system will protect the steel substrate in excess of 10 years

Continued overleaf

1



2



3



### Photographs:

- Nos. 1 - 5 Tank after application

4



5



- 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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