

Client: <i>BP</i>	Industry: <i>Petrochemical</i>
Scope: <i>Tank</i>	Date: <i>September 2009</i>
Location: <i>Grangemouth Oil Refinery</i>	Products: <i>Chem-tect™ RB 300 series</i>

Overview

The internal floor area and 1m up the walls of a 44m diameter tank holding reformat, required to be completely refurbished in a limited timescale during the hydrocracker shutdown.

Challenge

Working within a very tight timescale and working in a tank that has suffered from severe pitting and corrosion added to the difficulty of this project.

Solution

First coat of **Chem-tect™ RB 364** vinylester system @ 200µ. All relevant areas suffering from severe pitting were then filled with **Chem-tect™ RB 300 series** vinylester putty. Second coat of **Chem-tect™ RB 332** vinylester system @ 400µ. Final coat of **Chem-tect™ RB 364** vinylester system @ 200µ.

Outcome

The major technical benefits offered by utilizing this system assured the client that the work was carried out on time, within budget, with no major delays to the program and no impact on other contractors. Similar tanks on site will now be refurbished utilizing the **Chemco** vinylester system due to its great success.

Benefits

- No major delays to program
- Reduced H&S and Fire Precaution
- **Chemco** system will protect steel substrate

Continued overleaf

1



2



Photographs:

- Nos. 1 - 4 The tank after application

3



4



- 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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