

Case Study



Client: <i>Dubai Electricity and Water Co.</i>	Industry: <i>Petrochemical</i>
Scope: <i>Pipelines Refurbishment</i>	Date: <i>January 2015</i>
Location: <i>UAE</i>	Product: <i>Epo-chem™ RS 500P & RC 500GTC</i>

Overview

Over 4,000m² of pipeline had to be refurbished after the existing coating was showing signs of age and deterioration.

Challenge

Working in humid weather conditions. The project also had a tight timeframe for completion (9 days).

Solution

Abrasive blasting was used as the main surface preparation method with all welds and seams mechanically prepared. One spot coat and one primer coat of **solvent-free, wet & rust tolerant epoxy Epo-chem™ RS 500P** was applied. This was followed by one coat of high gloss/UV and chemically resistant topcoat **Epo-chem™ RC 500GTC**.

Outcome

The project was completed within the given time frame, with no delays and to the complete satisfaction of all concerned. The unique characteristics of the **Chemco** topcoat will ensure high levels of gloss and colour retention and will also exhibit exceptional UV and chemical resistance.

Benefits

- Solvent-free
- Wet & rust tolerant properties of primer coat
- Exceptional high gloss and colour retention topcoat
- Excellent chemical resistance
- No delays

Continued overleaf

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Photographs

- Nos. 1 and 2 Completed application

***This project was carried out by Chemco's approved contractors Charisma LLC (UAE)**

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Photographs

- Nos. 3 and 4 Completed application
- No. 5 Applying primer
- No. 6 Priming complete
- No. 7 Before 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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