

<b>Client:</b> <i>Rugeley Power Station</i>	<b>Industry:</b> <i>Power Generation</i>
<b>Scope:</b> <i>Fire-mains Water Tank</i>	<b>Date:</b> <i>May 2008</i>
<b>Location:</b> <i>UK</i>	<b>Products:</b> <i>Fast-guard™ RN 500TC &amp; Epo-chem™ RS 500P</i>

## Overview

Rugeley Power Station required a large fire-mains water tank to be coated situated in an underground building with limited access.

## Challenge

The tank was located in a confined and restrictive area. No blasting was permitted/feasible and there was a continual damp/wet condition with very little air movement.

## Solution

One coat of **Epo-chem™ RS 500P solvent-free, wet & rust-tolerant epoxy system @ 150 - 200µ DFT** by brush and roller. A colour topcoat of **Fast-guard™ RN 500TC water-based acrylic system was applied to the client's colour specification @ 80µ DFT.**

## Outcome

Due to the successful application, both the client and the applicator have now specified **Chemco** systems in all other areas with similar problems. **Chemco** is an acknowledged major problem solver within the industry.

## Benefits

Utilizing this innovative system, the application team could carry out a very difficult task in a very short space of time; without any requirement for ventilation or dehumidification equipment.

- No grit blasting.
- Reduced H&S and Fire Precaution
- Reduced cost of plant and equipment
- **Chemco** system will protect the steel substrate in excess of 10 years

1



2



### Photographs:

- Nos. 1 and 2 The large fire-mains tank after 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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