

Client: <i>Petrochemical Plant</i>	Industry: <i>Petrochemical</i>
Scope: <i>Cooling Water Tank Refurbishment</i>	Date: <i>February 2016</i>
Location: <i>UK</i>	Product: <i>Epo-chem™ RW 500</i>

Overview

A cooling water tank was badly corroded with many areas of heavy pitting present after the original conventional paint system had failed. This project was completed by Corroless Eastern.

Challenge

Due to H&S concerns of applying in a confined space, the use of conventional paint systems were not permissible; therefore a **solvent-free** system had to be selected. The client was also looking for a system which could provide long-term maintenance-free protection.

Solution

Once the existing coating had been removed, the tank was fresh water washed to reduce the soluble salt levels. The tank was then grit blasted to Sa 2½ before two coats of **solvent-free**, glassflake Novolac epoxy **Epo-chem™ RW 500** were applied.

Outcome

The project was completed on time, with no delays and no disruption to other trades working nearby. By utilising **Chemco's solvent-free** solution, the H&S concerns were significantly reduced; ensuring a safe working environment for everyone within the vicinity.

Benefits

- **Solvent-free**
- Significantly reduced H&S and Fire Hazard
- No disruption to other works
- Ideal for application in confined space
- Exceptional abrasion and erosion resistance
- No overcoating limitations
- Excellent high temperature and chemical resistance
- Long-term **maintenance-free** protection

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Photographs:

- Nos. 1-2 Completed application

* This project was carried out by Chemco's Approved contractor, [Corroless Eastern](#)



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