

Client: <i>TOTAL E&P UK</i>	Industry: <i>Oil & Gas</i>
Scope: <i>High Temperature Process Vessel</i>	Date: <i>April 2007</i>
Location: <i>North Sea, UK</i>	Product: <i>Epo-chem™ RW 500</i>

Overview

TOTAL's North Alwyn Offshore Platform - a high temperature process vessel, required re-lining. This platform is the hub for neighbouring fields and any disruption to production is extremely expensive.

Challenge

The work had to be completed in a very tight window of opportunity on the working platform. H&S considerations of using traditional systems were a major concern due to the confined space and full working platform.

Solution

Two coats of **Epo-chem™ RW 500** solvent-free, high temperature novolac glassflake epoxy system was applied directly on the blasted surface in two coats of 500µ DFT per coat by airless spray.

Outcome

The vessel was coated to the customer's complete satisfaction and with no disruption to the activities onboard or to production and was back in service very quickly.

Benefits

- **Solvent-free**, ideal for confined spaces
- No disruption to other works
- No major delays to program
- Reduced cost of plant and equipment
- Reduced H&S and Fire Precaution
- Long-term corrosion protection

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Photographs:

- Nos. 1 and 2 After application



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