

Client: <i>Peterhead Power Station</i>	Industry: <i>Power Generation</i>
Scope: <i>Pipe Spools</i>	Date: <i>April 2009</i>
Location: <i>Peterhead, UK</i>	Product: <i>Epo-chem™ RA 564</i>

Overview

The fabricator, Eurofab, required a very quick turnaround time with 25 years life expectancy for the internal/external protection of a number of large 48" pipe spools for Peterhead Power Station.

Challenge

The client required a coating system that would last at least 25 years and could be applied very quickly to the internal/external of large 48" spools.

Solution

Two coats of **Epo-chem™ RA 564 solvent-free** epoxy system @ 500µ per coat by airless spray was applied to both internal and externals of the spools.

Total DFT Internal: 1,000µ

Total DFT External: 1,000µ

Outcome

Epo-chem™ RA 564, when applied at such high thickness, would offer a complete corrosion protection for minimum of 25 years. The system has excellent impact and abrasion resistance as well as very high gloss. The contract was completed on time and within budget to the total satisfaction of the client.

Benefits

- Solvent-free
- No major delays to program
- Reduced cost of plant and equipment
- Reduced H&S and Fire Precaution
- **Chemco** system will protect the steel substrate in excess of 25 years

Continued overleaf

1



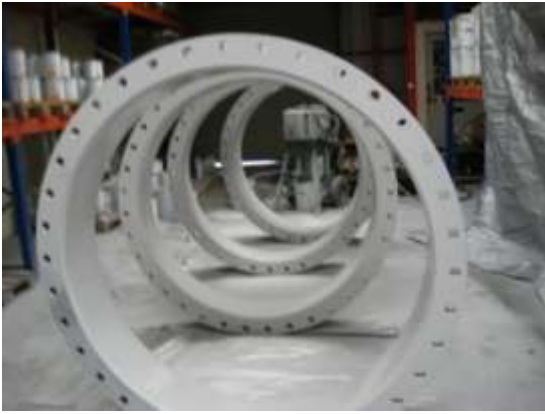
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Photographs:

- Nos. 1 and 2 Pipe spools before application
- Nos. 3 and 4 Pipe spools 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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