

Client: Longannet Power Station	Industry: Power Generation
Scope: High Temperature Ducting	Date: November 2003
Location: Scotland, UK	Product: Epo-chem™ RL 500PF

Overview

High temperature ducting located at the Longannet Power Station required a new protective coating system capable of being applied and operate at high temperatures.

Challenge

The ducting would be operating at 150°C during application. There could be no operational shutdown and no grit blasting was permissible.

Solution

Wire brushing was selected as the surface preparation method to be utilised. This was followed by two coats of wet & rust tolerant Epo-chem™ RL 500PF.

Outcome

The project was completed on time, within budget and to the complete satisfaction of all concerned.

Benefits

- Wet & rust tolerant properties of Epo-chem™ RL 500PF
- No grit blasting
- No operational shutdown
- No disruption to others working in close proximity
- Reduced H&S and Fire Precautions
- Reduced contract duration

Continued overleaf

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Photographs

- Nos. 1 and 2 External view of large ducting

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Photographs

- No. 3 Before application
- Nos. 4 and 5 Completed 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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