

Client: Petrobras (Brazil)	Industry: Offshore
Scope: Sweating Pipes	Date: May 2014
Location: Mexilhão Platform PMLX-1	Product: Epo-Chem™ RS 500P

Overview

The continuously sweating pipes on the Mexilhão Platform were suffering from severe corrosion. Petrobras contacted **Chemco** looking for a solution as their current suppliers were unable to solve the problem.

Challenge

Working in humid weather conditions, combined with continuously wet pipes. Grit blasting was not permissible due to H&S concerns and there could be no operational shutdown.

Solution

Water jetting was utilised as the surface preparation method. This was followed by two full coats of **solvent-free, wet & rust tolerant Epo-chem™ RS 500P**; applied directly onto the wet substrate which was still in operation.

Outcome

The application was successfully completed to the satisfaction of all concerned. The **Chemco** system allowed the repair of the corroded pipes, whilst in operation, with severe condensation.

Benefits

- Solvent-free
- No grit blasting
- Wet & rust tolerant properties of RS 500P
- No dew point or humidity restrictions
- No delays due to sweating substrate
- No operational shutdown
- Significantly reduced downtime
- Reduced H&S and Fire Precaution

Continued overleaf

1



2



Photographs

- No. 1 After water jetting
- No. 2 After 1st coat

3



4



5



6



7



8



Photographs

- No. 3 After mechanical preparation
- No. 4 After water jetting
- No. 5 After 1st coat
- Nos. 6 - 8 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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