

Client: <i>Seadrill</i>	Industry: <i>Offshore</i>
Scope: <i>Deck Refurbishment</i>	Date: <i>December 2012</i>
Location: <i>Thailand</i>	Products: <i>Epo-chem™ RS 500P & RA 500M</i>

Overview

The decks onboard an offshore jack-up rig were suffering from heavy corrosion and wear & tear damage and required to be refurbished.

Challenge

There could be no disruption to the live working jack-up rig and strict safety regulations had to be adhered to. Grit blasting was therefore not permissible; leaving water jetting and a solvent-free coating system as the only feasible option. The project also had to be carried out in high humidity.

Solution

Water jetting was utilised as the surface preparation method. This was followed by one primer coat of **solvent-free, wet & rust tolerant Epo-chem™ RS 500P** and one topcoat of **solvent-free, wet tolerant Epo-chem™ RA 500M**.

Outcome

The work programme was completed on time, with no delays due to the environmental conditions and with no disruption to the working platform.

Benefits

- Solvent-free
- No grit blasting
- No humidity or dew point restrictions
- No operational shutdown
- Application can take place in any environmental conditions
- No disruption to other ongoing work

Continued overleaf

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Photographs

- No. 1 Before application
- No. 2 During surface preparation

*Photographs courtesy of Chemco Singapore

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Photographs

- No. 3 - 5 Applying **Epo-chem™ RS 500P**
- No. 6 Applying finishing touches

- 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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