

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