

OFFSHORE PIPELINE INTERNALLY PROTECTED WITH BELZONA

ID: 6143



PROBLEM

360 Pipe spools ranging between 200mm to 400mm and averaging 6000mm long, to be given internal protection against corrosion.

APPLICATION SITUATION

Approximately 1Km of seawater injection pipelines for two large FPSO's.

APPLICATION METHOD

Application was carried out in accordance with Belzona System Leaflet VPF-2. Following surface preparation by grit blasting, the Belzona 1331 was applied directly onto the prepared surface using a plural feed heated airless spin-spray method.

BELZONA FACTS

The Belzona 1331 system not only protects the internal pipe surfaces from the effects of corrosion and erosion but the smooth surface will also reduce friction and turbulence in order to increase flow efficiency.

INDUSTRY

Oil & Gas

LOCATION

Petrobras/QGI, China

APPLICATION DATE

May/June 2016

PRODUCTS

Belzona 1331

SUBSTRATE

Carbon Steel

PHOTOS

1. Pipe spools blasted and ready for coating 2. Spin-spraying underway using Belzona 1331 3. Integrity testing using High voltage spark test 4. Some of the spools inspected and finished

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