

INTERNAL PIPE LINING TRIAL WITH BELZONA

ID: 5605

Industry: Oil & Gas
Application: VPF-Valves, Pipes and Fittings
Substrate: PVC
Products: * Belzona 1331 ,

Customer Location: Oil Company, Qatar
Application Date: April 2015

Problem

Due to a failure in the application of an alternative product a coating which can be applied to a variety of pipe diameters (4" to 32") was required.



Photograph Descriptions

- * Trial of alternative material ,
- * Belzona Spin spray set up ,
- * Spin spray in action ,
- * After cure a cross section cut out for inspection ,

Application Situation

Trial application lining small diameter pipe using spin spray equipment.

Application Method

After centering the spray head in the pipe the spin speed and feed rate were adjusted to obtain correct coating thickness. The calculations required are based on spin speed (rpm) feed rate and product output from the airless spray pump. After satisfactory trials the application itself will be carried out in accordance with Belzona Know-How System Leaflet VPF-2.

Belzona Facts

Belzona 1331 was chosen as the material can be applied using spin spray equipment at over 1000 micron thickness in a single

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ISO 9001:2015
FS 695214
ISO 14001:2015
EMS 695213

Belzona products are
manufactured under an ISO
9000 Registered Quality
Management System.

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application without sagging. The excellent overcoat window also allows for multi-coat applications when necessary.

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