PM2 Dryer Roller Protected with Belzona

ID: 10095

Industry:	*Pulp & Paper*	Customer Location:	*Saudi Arabia*
Application:	*VPF-Valves, Pipes and Fittings*	Application Date:	*October 2025*
Substrate:	*Carbon steel*		
Products:	*Belzona 1391T*		

Problem

A dryer roller experienced heavy corrosion and erosion attack, requiring a repair solution to restore the roller's functional capacity and ensure consistent production performance.



A dryer roller suffered corrosion & erosion attack



Surface preparation prior to the application of Belzona 1391T



First coat of Belzona 1391T



Complete application of two coats of Belzona 1391T

Application Situation

The application of Belzona 1391T was performed under the scheduled maintenance period.

Application Method

Following surface preparation, Belzona 1391T was brush-applied using a short-bristled applicator. The system was applied in two coats to provide erosion–corrosion protection, with the initial grey coat followed by a blue topcoat to confirm full coverage and achieve the specified coating thickness.

Belzona Facts

By using Belzona 1391T, the asset owner avoided the costly replacement of the dryer. In addition to offering a cost-effective repair option, Belzona 1391T provides excellent protection against erosion and corrosion. The repair allowed the equipment to be returned to service ahead of the scheduled shutdown period.

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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