Protective Internal Coating for Newly Fabricated Sour Gas Scrubber Trap

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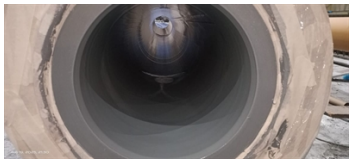
Industry:	*Oil & Gas*	Customer Location:	*Saudi Arabia*
Application:	*VPF-Valves, Pipes and Fittings*	Application Date:	*January 2025*
Substrate:	*Carbon steel*		
Products:	*Belzona 1391S*		

Problem

A newly fabricated scraper trap required a robust protective solution to safeguard against corrosion and erosion, ensuring long-term performance in a harsh operating environment.



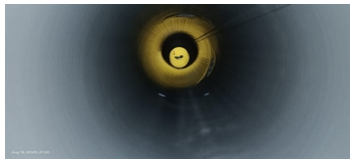
Condition of the substrate after grit blasting and before internal coating application.



Application of the first coat of Belzona 1391S.



Application of the second coat to the internal surface of the scraper trap.



Completed application of Belzona 1391S to the internal surfaces of the newly fabricated sour gas scraper trap.

Application Situation

A protective coating was applied to ensure long-term corrosion and erosion resistance for the newly fabricated scraper trap.

Application Method

1. The surface was grit blasted to achieve the required level of cleanliness.

2. The first internal coat of Belzona 1391S (grey) was applied using spin spray technology.

3. As Belzona 1391S is a two-coat system, once the first coat was sufficiently firm, the second coat of Belzona 1391S (blue) was applied to protect the scraper trap substrate against corrosion and erosion.

Belzona Facts

Belzona 1391S is a spray-applied system designed to provide long-term protection against corrosion and erosion. Its high chemical resistance and durability make it particularly suitable for demanding environments such as sour gas scraper traps, where equipment is exposed to aggressive operating media.

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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