

PROTECTIVE INTERNAL COATING FOR NEWLY FABRICATED SOUR GAS SCRUBBER TRAP

ID: 10096



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.

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.

INDUSTRY

Oil & Gas

LOCATION

Saudi Arabia

APPLICATION DATE

January 2025

PRODUCTS

Belzona 1391S

SUBSTRATE

Carbon steel

PHOTOS

1. Condition of the substrate after grit blasting and before internal coating application.
2. Application of the first coat of Belzona 1391S.
3. Application of the second coat to the internal surface of the scraper trap.
4. Completed application of Belzona 1391S to the internal surfaces of the newly fabricated sour gas scraper trap.

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