

BELZONA REPAIRS AND REINFORCES LEAKS IN GAS THREADED PIPES

ID: 10314



PROBLEM

There are sand holes at the base of the threaded pipe at the inlet to the drum cooler, resulting in a slight gas leak. The circumferential welded seam of the threaded pipe requires reinforcement and protection. The pipe is a negative-pressure pipe with a diameter of 1.4 metres and operates at ambient temperature.

APPLICATION SITUATION

The pipe is a negative-pressure pipe with a diameter of 1.4 metres and operates at ambient temperature. The medium is coke oven gas. The client requires online reinforcement and strengthening of weld seam. Superwrap II system was chosen by client because it requires no hot work, allows for in-situ maintenance whilst the pipeline is in operation, and is easy for application.

APPLICATION METHOD

Seal the sand holes with Belzona 1212, then rebuild the entire circumference of the weld seam with Belzona 1111. Finally, use the Superwrap II system to reinforce the pipeline as a whole.

BELZONA FACTS

Superwrap II system restores the integrity of the pipeline and reinforces it, providing long-term protection for the equipment.

INDUSTRY

Chemical & Petrochemical

LOCATION

Hebei, China

APPLICATION DATE

June 2026

PRODUCTS

Belzona 1111 (Super Metal)
Belzona 1212
Belzona SuperWrap II

SUBSTRATE

Carbon steel

PHOTOS

1. Leaking pipe with sand holes
2. Application of Belzona 1212 and Belzona 1111
3. Application of Belzona Superwrap II
4. Application completed

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