

Belzona® Composite repair On-site Application for Buried Natural Gas Pipelines

ID: 8242

Industry: Oil & Gas

Customer Location: Sichuan, China

Application: VPF-Valves, Pipes and Fittings

Application Date: August, 2013

Substrate: Carbon steel

Products: * Belzona 1161 (Super UW-Metal) ,
* Belzona 9371 (Reinforcement Sheet) ,

Problem

The operating pressure of these buried gas pipelines is 2Mpa; Maximum depth of external metal loss is 6.7mm; The corrosion area is 40 × 60mm. These pipelines have been immersed in a humid environment for a long time, and the surface of the pipeline cannot be dried.



Photograph Descriptions

- * 1. Buried pipeline☐ ,
- * 2. Damaged external surface☐ ,
- * 3. Dry wrapping of the reinforcing sheet; ,
- * 4. Application complete ,

Application Situation

These natural gas supply pipelines are used for the local scenic area which cannot be replaced or shut down. The client requires on-site repair by an engineering designed repairing system.

Application Method

Application carried out in accordance with Belzona System Leaflet VPF-11

Belzona Facts

As these buried gas pipelines operate in humid environments (such as paddy fields and hills area), Belzona moisture tolerant material is used for on-site application which avoids hot-work and saves time and costs for client. The client is very pleased with the result.

For more examples of Belzona Know - How In Action, please visit <https://khia.belzona.com>

ISO 9001:2015

Belzona products are

FS 695214

manufactured under an ISO

ISO 14001:2015

9000 Registered Quality

EMS 695213

Management System.

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