

BELZONA REPAIRS CORRODED GAS PIPE AT BOILER HOUSE

ID: 3014

Industry: Buildings & Structures
Application: VPF-Valves, Pipes and Fittings
Substrate: Iron
Products: * Belzona® 1161 (Super UW Metal) ,
* Belzona® 5831 (ST Barrier) ,

Customer Location: University, Manchester UK
Application Date: February 2012

Problem

Following asbestos removal several years ago, a section of a gas main pipe had been left exposed to water ingress from above and as a result had suffered corrosion and metal loss. The client required a solution that was quick, easy and safe to apply to a live gas pipe, that would replace the metal loss and provide lasting protection from further corrosive attack.



Photograph Descriptions

- * The entry point of the Gas pipe via a service tunnel making access and application difficult ,
- * Close up of corroded section of pipe ,
- * Completion of Belzona® 1161 application ,
- * Completion of application including final coat of Belzona® 5831 ,

Application Situation

Main gas feed pipe to boiler house at large University building.

Application Method

The application was carried out in accordance with a modified version of Belzona Know-How System Leaflet VPF-11. Belzona® 1161 was applied to rebuild and protect the badly corroded section of the pipe followed by a heavy coat of Belzona® 5831 for added corrosion protection.

Belzona Facts

Belzona® 1161 and Belzona® 5831 were chosen for their surface tolerant properties. The alternative would have been to remove the corroded section of pipe which would have proved a very lengthy, labour intensive and costly procedure. The Belzona

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ISO 9001:2015
FS 695214
ISO 14001:2015
EMS 695213

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application took approximately 5 hours to complete spread over two days.

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