

BELZONA REPAIRS CORRODED GAS PIPE AT BOILER HOUSE

ID: 3014



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.

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

INDUSTRY

Buildings & Structures

LOCATION

University, Manchester UK

APPLICATION DATE

February 2012

PRODUCTS

Belzona 1161 (Super UW Metal)
Belzona 5831 (ST Barrier)

SUBSTRATE

Iron

PHOTOS

1. The entry point of the Gas pipe via a service tunnel making access and application difficult
2. Close up of corroded section of pipe
3. Completion of Belzona 1161 application
4. Completion of application including final coat of Belzona 5831

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