

## BELZONA USED TO RESTORE CORRODED FLANGE ON CHIMNEY

### CUSTOMER

Fertilizer manufacturer in France

### APPLICATION DATE

August, 1996

### APPLICATION SITUATION

An acid vapour evacuation unit installed on top of a high chimney

### PROBLEM

The flange faces and the removable gasket had been attacked and corroded by the chemicals passing through the unit. In places the depth of corrosion on the flanges was 20-30 mm.

### PRODUCTS

Belzona® 2221 (MP Fluid Elastomer)

Belzona® 4111 (Magma-Quartz)

Belzona® 4311 (Magma CR1)

### SUBSTRATE

Steel

### APPLICATION METHOD

Application was carried out using suitably modified techniques covered in Belzona Know-how System Leaflets GSS-2, VPF-1,2 & 13.

### BELZONA FACTS

Ease of use was an important factor given the difficult working situation. The excellent chemical resistance of Belzona® 4311 has prevented further corrosion occurring on the flange.

### PICTURES

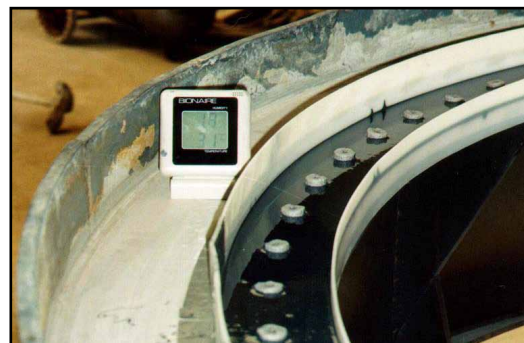
1. The difficult working situation on the chimney
2. The flange rebuilt and protected
3. Belzona® 2221 used to cast new gasket



1.



2.



3.

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



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