

## UPS APPLICATION REPORT

### Introduction

During routine inspection at a UK steel manufacturer cracks were found on a cast iron cool water main. Rather than replace with new equipment UPS recommended a plate be bonded around the flange face with the gaps filled with UPS 105 Metal Repair Paste. The cool water main was running at relatively low pressures, ensuring that erosion to any repair would be minimal. The Unique Polymers contractor took the measurements of the flange faces and manufactured a plate to fit around the flange. The affected area was blast cleaned and coated with UPS 105 Metal Repair Paste and the plate clamped into position. Following on from this contract Unique Polymers has been asked to quote for other repair work in the UK plant

### Products

**Rebuild – UPS 105 Metal Repair Paste**

### Technical Information

For further information on this application please contact UPS on [info@uniquepolymersystems.com](mailto:info@uniquepolymersystems.com)



### Application Details

The affected area was cleaned using abrasive blast cleaning (angled grit), to SA2.5 50-60 micron profile

UPS105 Metal Repair Paste was applied to the flange faces and affected area

The pre-formed steel was coated with 105 Metal Repair Paste

The formed steel was then bolted into position and the epoxy repair paste allowed to cure

Any excess material was wiped away

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