

BELZONA REFURBISH BLAST FURNACE "BELL ROD" IN-SITU

ID: 130



PROBLEM

Chrome plating on the rod had been damaged in places which had allowed corrosion to take place. The size and location of the part made preparation difficult and reduced the opportunity for dimensional finishing of the job after application.

APPLICATION SITUATION

`Bell Rod' on top of blast furnace, 60 metres above ground level

APPLICATION METHOD

Application was carried out in accordance with a modified version of BelzonaKnow-How Leaflet MPT-2.

BELZONA FACTS

To obtain a replacement part would have taken up to a month and would have resulted in production losses of over \$1,000,000. The Belzona solution took only two days and costs, including labour, amounted to just over \$50,000.

INDUSTRY

General Industry

LOCATION

Steel Mill in Mid West of U.S.A.

APPLICATION DATE

February 1995

PRODUCTS

Belzona 1311 (Ceramic R-Metal)
Belzona 1321 (Ceramic S-Metal)

SUBSTRATE

Steel

PHOTOS

1. View of the damaged bell rod
2. Belzona 1321 being injected into the former
3. The completed job with admiring crowd

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