

BELZONA REPAIRS ORE BRIDGE CRANE AT BLAST FURNACE

ID: 221

Industry: General Industry
Application: MPT-Mechanical Power Transmission

Customer Location: Steel Mill in Ohio, U.S.A.
Application Date: 1994

Substrate: Steel
Products: * Belzona® 1111 (Super Metal) ,

Problem

Worn keyways on the truck which moves the crane on the rails. The conventional method to solve this problem would be to machine new bases and keys. Entailing the crane being shut down for 3 to 4 days.



Photograph Descriptions

- * Overall view of Ore Bridge crane ,
- * Template "C"- clamped in place ,
- * Finished keyway with no machining required ,

Application Situation

Worn keyways.

Application Method

A template with new key stock was made. The template was coated with Belzona® Release Agent and positioned beneath the cranes pedestal. Belzona® 1111 (Super Metal) was then applied.

Belzona Facts

Twenty-four hours later the Ore bridge was back in operation, preventing a 3 to 4 day shutdown to weld and machine a new keyway.

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

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9000 Registered Quality
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