

BELZONA REPAIRS ORE BRIDGE CRANE AT BLAST FURNACE

ID: 221



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.

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.

INDUSTRY

General Industry

LOCATION

Steel Mill in Ohio, U.S.A.

APPLICATION DATE

1994

PRODUCTS

Belzona 1111 (Super Metal)

SUBSTRATE

Steel

PHOTOS

1. Overall view of Ore Bridge crane
2. Template "C"- clamped in place
3. Finished keyway with no machining required

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