

SUCTION BELLS RESTORED WITH BELZONA

ID: 1275



PROBLEM

Erosion had caused serious loss of metal with holes completely through the substrate in places. Loss of efficiency and unscheduled downtime lead client to look at replacing the items.

APPLICATION SITUATION

Suction bells from two cooling water pumps.

APPLICATION METHOD

Bells were sandblasted to a white to near Application was carried out in accordance with Belzona System Leaflets CEP-3, CEP-4, and CEP-5. Belzona® 1311 applied to bring housing back to original dimensions. The internals were then coated with Belzona® 1321 and exterior with Belzona® 5811.

BELZONA FACTS

Replacement for both suction bells would have been an estimated \$90,000.00. Total for Belzona materials were \$5,200.00; savings totaled \$84,800.00.

INDUSTRY

Power

LOCATION

Power Plant, Missouri

APPLICATION DATE

May 2009

PRODUCTS

Belzona 1311 (Ceramic R Metal)
Belzona 1321 (Ceramic S Metal)
Belzona 5811 (Immersion Grade)

SUBSTRATE

Cast Iron

PHOTOS

1. Erosion clearly evident
2. Belzona 1311 being applied
3. Belzona 1321 applied to internal surfaces
4. Belzona 5811 applied to external surfaces

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