

CLASSIC BELZONA PUMP REFURBISHMENT-OUTPUT INCREASES 9.5% AFTER 3½ YEARS

ID: 363

Industry: Water / Wastewater

Customer Location: National water supply company in Tunisia

Application: CEP-Centrifugal Pumps

Application Date: September 2002

Substrate: Cast Iron

Products: * Belzona® 1111 (Super Metal) Belzona® 1341 (Supermetalglide) ,

Problem

Output from the pumps was drastically reduced from the new condition due to corrosion and cavitation damage.



Photograph Descriptions

* Damaged pump Neck ring seats restored to original sizes Complete repair Coating in good condition after 3-1/2 years of service ,

Application Situation

Two badly corroded/cavitated centrifugal KSB water supply pumps.

Application Method

Application was carried out in accordance with Belzona System Leaflets CEP-2 and CEP-10.

Belzona Facts

Flow rate of New Pump - 540 L/sec (142 gal/sec) Flow rate of damaged pump - 480 L/sec (126 gal/sec) Flow rate of repaired pump - 540 L/sec (142 gal/sec), an increase of more than 12% over the corroded pump. After 3-1/2 years, the flow rate of the repaired pump is 530 L/sec (140 gal/sec), an increase of more than 9.5% over the corroded pump.

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ISO 9001:2015

FS 695214

ISO 14001:2015

EMS 695213

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