

BELZONA EXTENDS LIFE OF JET VALVE

ID: 5205

Industry: *Mining & Quarrying*

Application: *CEP-Centrifugal Pumps*

Substrate: *Cast Iron*

Products: ** Belzona 1311 (Ceramic R Metal) ,
* Belzona 1812 (Ceramic Carbide FP) ,*

Customer Location: *BC, Canada*

Application Date: *January 2004*

Problem

These jet valves would generally last about 5-6 months before they would wear through from the air / sand / water mixture pumped through them.



Photograph Descriptions

- * View of the volute area ,
- * Showing preparation in progress of the eroded area ,
- * Application of the Belzona material in progress ,
- * Application of the Belzona 1812 in progress ,

Application Situation

Worn jet valves

Application Method

Application carried out in accordance with Belzona Know-How System Leaflet CEP-1

Belzona Facts

These air valves cost approximately \$ 20,000.00 each. The Belzona repair cost less than 5% of the original cost and showed little signs of wearing out after a 9 month inspection.

For more examples of Belzona Know - How In Action, please visit <https://khia.belzona.com>

ISO 9001:2015

FS 695214

ISO 14001:2015

EMS 695213

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manufactured under an ISO
9000 Registered Quality
Management System.

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