

BELZONA SEAL SOLUTIONS FOR GENERATORS

ID: 463

Industry: Power

Customer Location: Power station on the St. Lawrence Seaway - Canada

Application: GSS-Gaskets, Seals and Shims

Application Date: June 2004

Substrate: Concrete and steel

Products:
* Belzona® 1311 (Ceramic R-Metal) ,
* Belzona® 4111 (Magma-Quartz) ,
* Belzona® 4151 (Magma-Quartz Resins) ,

Problem

Generator housing was worn and the concrete that the housing was set into over 40 years ago had deteriorated, causing movement of the housing.



Photograph Descriptions

- * Traversing the St. Lawrence Seaway takes some 8.5 sailing days ,
- * Slurry mix of Belzona Systems being injected into the voids ,
- * Formers were fabricated to rebuild the inside seat area ,
- * Inside seat reformed ,

Application Situation

Generator housing

Application Method

Application was carried out in accordance with modified versions of Belzona Know-How System Leaflets GSS-8 and GSS-9.

Belzona Facts

A slurry mix was made of Belzona® 4111 and Belzona® 4151 so it could be injected through the steel in concrete voids. Following this, Belzona® 1311 was used to provide an even seat for the generator to set upon.

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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