Know-How*in Action*

Vol.XVIII No.47

BELZONA SEAL SOLUTIONS FOR GENERATORS

CUSTOMER
Power station on the St. Lawrence Seaway - Canada

APPLICATION DATE
June 2004

APPLICATION SITUATION
Generator housing

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.

PRODUCTS
Belzona® 1311 (Ceramic R-Metal)
Belzona® 4111 (Magma-Quartz)
Belzona® 4151 (Magma-Quartz Resins)

SUBSTRATE
Concrete and steel

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.

PICTURES
1. Traversing the St. Lawrence Seaway takes some 8.5 sailing days
2. Slurry mix of Belzona Systems being injected into the voids
3. Formers were fabricated to rebuild the inside seat area
4. Inside seat reformed

1.


2.


3.


4.


ISO 9001:2008
Q 09335
ISO 14001:2004
EMS 509612

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