

## BELZONA SEALS CONDENSER EXPANSION JOINT

### CUSTOMER

Energy company, Kansas, USA

### APPLICATION DATE

March 2007

### APPLICATION SITUATION

The #4 generator condenser expansion joint.

### PROBLEM

The efficiency of the unit was low because of the leaks in the expansion joint.

### PRODUCTS

Belzona® 2121 (D&A Hi-Coat Elastomer)

Belzona® 2911 (Elastomer QD Conditioner)

### SUBSTRATE

Steel

### APPLICATION METHOD

Application was carried out in accordance with Belzona Know-How System Leaflet HEX-5. The surface was prepared with a vacublast unit. After Conditioning, three coats of Elastomer were applied to the expansion joint and approximately one inch beyond the joint.

### BELZONA FACTS

Belzona was chosen to do the repair because of the great success of Belzona D&A Hi-Coat at the power plant in Colwich, Kansas. After the repair, the efficiency of the unit improved significantly.

### PICTURES

1. Leaking expansion joint
2. Mixing Elastomer
3. First coat
4. Second & Third coat



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



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

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