

# Success Stories

LINCOLN .

#### **Customer:**

Ataka Power Plant, Egypt.

# **Equipment:**

Diffuser.

#### **Problem:**

Severe Cracks and Pitting.

#### **Consumable:**

Gricast 31and Cast Iron Electrode.

Belzona 1111and Belzona 1321.

#### **Material:**

Cast Iron.

## **Application Method:**

- 1. Cracked and worn-out plates were welded and built up with Gricast 31 and Cast Iron Electrode.
- 2. Checking welding application by Dye Penetrant test.
- 3. Belzona 1111 and Belzona 1321 Coating layer was applied for corrosion protection.
- 4. Diffuser was perfectly repaired and protected.

### **Photographs:**

- 1. Diffuser Suffering Severe Cracks.
- 2. Worn-out Fan Plate.
- Checking Welding Application by Dye Penetrant Test.
- 4. Build up Plates with Belzona 1111.
- 5. Application Done.











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