

BELZONA SUPPORTS ROBOT WELDING TABLE

ID: 2260



PROBLEM

The rotating table is handling parts up to 30 tons in weight. The customer needed to fill the void between the concrete and the steel foundation plate to ensure accurate leveling and transfer of forces.

APPLICATION SITUATION

Rotating welding table at workshop fabricating large parts for the Oil and Gas industry.

APPLICATION METHOD

Application was carried out in accordance with Belzona System Leaflet GSS-9. The void between the concrete and steel plate was sealed off using Belzona® 1161. Belzona® 5811 was then injected through specially prepared injection points allowing the void to be completely filled.

BELZONA FACTS

The customer was looking for a cost effective solution to make sure that levelling of the table is accurate at all times. The Belzona system allowed for complete filling of the void with high compressive strength material ensuring both accurate alignment and load transmission.

INDUSTRY

Oil & Gas

LOCATION

Engineering Co, South West Norway

APPLICATION DATE

October 2010

PRODUCTS

Belzona 1161 (UW Metal)
Belzona 5811 (Immersion Grade)

SUBSTRATE

Carbon Steel and Concrete

PHOTOS

1. Welding table machinery overview
2. Void between concrete and steel plate
3. Void sealed
4. Injection Completed

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