

BELZONA VESSEL LINING FOR NEW SEPARATORS WITH SPRAY AND NOZZLE INSERT APPLICATION

ID: 7627



PROBLEM

The specifier (a Japanese engineering company) was looking for an ideal protective lining for their newly constructing high pressure separators. Belzona Engineering Department directly involved with them from the FEED stage and sprayable Belzona 1391S with nozzle insert system was specified for those vessels which will be operating in Algeria.

APPLICATION SITUATION

5 new oil separators which will be operating up to 40 bar pressure.

APPLICATION METHOD

Application was carried out in accordance with Belzona Know-How System Leaflets TCC-5 for protecting and rebuilding steelwork, and TCC-16b for protecting the small bore nozzles. The linings were applied to the bottom half and the inlet end dome of each vessel. Prior to the spray application of Belzona 1391S, stripe coat and nozzle insert were conducted with Belzona 1391T. The inserted sleeves were pre-fabricated with Belzona 1511.

BELZONA FACTS

A Belzona Corporate Inspector was dispatched for each vessel's application to ensure the quality assurance of this project. The Customer was satisfied with Belzona's technical support provided from the initial specification stage till the final inspection job.

INDUSTRY

Oil & Gas

LOCATION

Vessel Manufacturer, Thailand

APPLICATION DATE

July - October 2017

PRODUCTS

Belzona 1391S
Belzona 1391T
Belzona 1511

SUBSTRATE

Carbon Steel

PHOTOS

1. Nozzle Insert Application.
2. Spray Application of Belzona 1391S.
3. Completed application.
4. Overview of Finalised Vessels with External Paints on them.

For more examples of Belzona Know-How in Action, please visit khia.belzona.com

Belzona products are manufactured under an ISO 9001 Registered Quality Management System.

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