

# 40 PROCESS VESSELS LINED WITH BELZONA FOR NEW OIL & GAS PROJECT

ID: 7470

## Industry:

Application: TCC-Tanks and Chemical Containment Areas

Substrate: Carbon steel

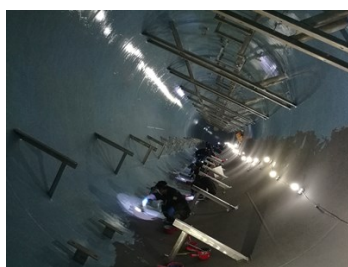
Products: \* Belzona 1391T ,  
\* Belzona 1111 (Super Metal) ,

Customer Location: Major oil company, Iraq

Application Date: July 2016- to March 2017

## Problem

The client required erosion corrosion resistant internal coating of carbon steel vessels to replace alloy 625 as a cost effective solution.



## Photograph Descriptions

- \* 1. Overview of 120K desalter ,
- \* 2. Coating application ,
- \* 3. Belzona inspector is doing final inspection with client. ,
- \* 4. Application completed ,

## Application Situation

40 new build process vessels, including 10 desalters, 10 dehydrators and 20 degassers. Design temperature is 100°C with pressure of 15Bar. More than 800 nozzle inserts were also required.

## Application Method

The application was carried out in accordance with Belzona Know-How System Leaflets TCC-5, TCC-16a and TCC-16b. Vessels were internally lined with two coat system of Belzona 1391T. Small bore nozzles were fully protected by glueing in preformed Belzona 1111 nozzle inserts. All vessels were coated at the fabricator yards in China before shipment and installation on site.

## Belzona Facts

Using Belzona internal coating instead of alloy 625 helped the client save half of the investment on this major project. In total, 25,000kg Belzona 1391T was used. The application procedure completed in accordance with Belzona International standards was fully inspected by Belzona certified inspectors.

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

ISO 9001:2015  
FS 695214  
ISO 14001:2015  
EMS 695213

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