

# INDUSTRIAL CASE STUDY



## CHEMICAL TANKS ENCAPSULATION [O&G MUD PLANT]



### SITUATION

LINE-X Malta treated a total of 20 tanks, 14 of which were operational [on site] and 6 refurbished from a heavily corroded state after being exposed to the elements for a long period of time. These tanks required major up-keep due to the nature of their use with chemicals, some reaching 92degC during mixture. Conventional coatings offered very limited durability before deteriorating. Before the LINE-X application, tanks were susceptible to leaks, heavy corrosion, product contamination and potential failure.



### SOLUTION

All tanks were cleaned and repaired as necessary, thence sandblasted to SA2.5 profile in preparation for primer and coating. Interiors were blasted to SA2.5, thoroughly cleaned, applied with primer then coated using XS-350 [white] to a 3mm thickness smooth [untextured]. Exteriors were treated with the same process then XS-100 (blue) was applied with a textured finish. Six of the tanks were sprayed in the Malta yard, whereas work on the remaining 14 tanks was completed in stages as they were still in operation.



### RESULTS

The result was exceptional; the encapsulation of the tanks with LINE-X's high resilient qualities will guard against heavy corrosion, cracks/leaks thus drastically reducing ongoing maintenance and costs.

**PROJECT OVERVIEW:** Encapsulation Of Steel Tanks Used For The Production Of "Mud" For Oil & Gas - Offshore Wells.

**PRODUCTS USED:** LINE-X XS-100; XS-350; LINE-X Primer



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