

Project Experience Oil and Gas



Project information

location	Algeria, Oran
client	Sonatrach
project	Renovation propane & butane gas tanks
date of project	2010 - 2012
climatic conditions	C5M, 10°-30°C, Sahara and sand abrasion, iced surface
substrate	
surf. Preparation	Sa 2,5
system	MCU-Miozinc MCU-Topcoat

Six 73.000 m³ LNG gas storage tanks (operating at minus 42° C constant) had severally failing coating protection. These double skin tanks had also failing insulation that caused severe ice formation and algae forming on the outer surface.

The original recoat spec was a 3 layer system with a well know 2 pack epoxy/PU system, but the conditions were too extreme to use 2 pack coatings an MCU-Coatings was called to solve the problem. The specifications were changed to MCU-Coatings and with success a 2 layer system was applied in situ.

This project shows the tremendous advantages of MCU-Coatings' 1 component systems including primers and finish coats under these harsh conditions. Tolerance to immediate formation of condense after abrasive blast and ice forming on top of the fresh applied paint. Succes from this type of application is only seen with MCU-Coatings.