

Job Reference

CLIENT: Major Oil Producer

DATE: 2008/9/10

LOCATION: Dukhan, Qatar

EQUIPMENT: Overground Transfer Lines



PROBLEM: Overground oil and water transfer lines from Refinery to Loading Terminal are laid above ground on concrete supports placed every 6 meters. The pipes are in direct contact with steel carrier plates cast into the top of the concrete support. Due to movement of the pipes the section of pipe in contact with these carrier plates suffers from a high level of abrasion and corrosion.

SOLUTION: The pipe is temporarily lifted off the support and the area of contact cleaned thoroughly. A primer coat of SolarSeal is applied followed by a layer of SolarTech VE72 which is then allowed to cure in natural UV Light (Sunlight). Following curing the area has a topcoat of SolarCoat applied in White to match the rest of pipe and once cured the pipe is lowered back into position.

WHY SOLARTECH? SolarTech sheet laminate has extremely good abrasion resistance because of its high glass content and excellent corrosion resistance. The fast cure allows the pipes to be lowered into position rapidly after application.



Mobile work shop used to support on-site desert application



Application detail



Finished application with white SolarCoat as a top layer