

Saudi Arabia: Remarkable reference projects for oil and gas applications!

Since 2010, Ceramic Polymer's high-performance coating is approved for "Saudi-Aramco-Standards"!

More than 20% of the global crude oil is located under Saudi sand. The state-owned enterprise "Saudi Aramco" is the biggest oil production company worldwide. Beside further 100 oil and gas fields, "Saudi Aramco" owns with the "Ghawar oil field" the largest oil reservoir and holds therefore the largest proven oil reserves of 260 billion barrels. By several subsidiary companies, amongst others the major tanker fleet and various joint ventures in oil and gas industry, "Saudi Aramco" is the most profitable and valuable corporate group at present times.

Coating products have to provide outstanding properties to meet the APCS-Criteria (Aramco Protective Coating System) and get accepted for "Saudi Aramco" application.

Our product **CK-54 SF-APCS-2i** was tested extensively by research laboratories of "Saudi Aramco" and was approved for application in accordance with their demanding requirements of the standards APCS-2i, APCS-117 and APCS-28.

Specific aspects for the achieved approval were e. g. the excellent chemical resistance at high operating temperatures up to 150°C and the extremely pressure resistance, which was proven by autoclave-tests with explosive decompressions.



*Condensate stripper
Qatif – Gas and Oil separation plant #2*

More than 300 tanks were already coated with CK-54 SF-APCS-2i!

Some of our reference projects in Saudi Arabia:

End user	Date	Project description
Juaymah gas plant	May 2010	Aeration tanks – Internal coating of 3 steel tanks with a diameter of 10 m and a height of 8 m each
Haradh gas plant	December 2010	Internal coating of vapor-liquid separator (KO-Drum) – Pressure vessel with wet sour gas
Tanajib gas plant	February 2011	Internal coating of chemicals (de-emulsification) tank
ABQAIQ GOSP#3	May 2011	Internal coating of horizontal vessel - full shutdown
Northern Area Producing Division	August 2011	External coating of production risers for offshore platform
Aindar GOSP#2	October 2011	Revision and recoat of all tanks and vessels - full shutdown



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*Internal coating of Degassing tank
Qatif GOSP#2*



*Production risers for offshore platform
Northern Area Producing Division*



*Degassing tank
Qatif GOSP#1*



*Recoat of all tanks and vessels
full shutdown - Aindar GOSP#1*

Qatif GOSP#1	November 2011	Internal coating of degassing tanks
Qatif GOSP#2	November 2011	Internal coating of condensate stripper
Aindar GOSP#1	November 2011	Revision and recoat of all tanks and vessels - full shutdown
Aindar GOSP#3	March 2012	Revision and recoat of all tanks and vessels - full shutdown
Northern Area Wastewater upgrade project Safaniyah	May 2012	Tank for Ammonia NHS solution (30% concentration) with operating temperatures up to 50 °C
Northern Area Wastewater upgrade project Safaniyah	May 2012	Tank for Sodium Hydroxide solution (45% concentration) with operating temperatures up to 65 °C
KHURAIS CENTRAL MAINTENANCE	June 2012	Coating of piping girth welds
Qatif GOSP#1	June 2012	Revision and recoat of all tanks and vessels - full shutdown

Would you like to get more information about our oil and gas projects in Saudi Arabia?

New tests and examinations of further Ceramic Polymer coatings by "Saudi Aramco" are already scheduled.

We will keep you informed.

Are you searching for coating products with high quality properties?

Our corrosion experts will gladly assist you!