

# STATOIL TRUSTS SAVCOR'S WORLD-LEADING QUALITY IN CATHODIC PROTECTION



Ole Jørgen Bratland / Statoil

*Savcor, the market leader in electrochemical protection systems, delivered a major concrete rehabilitation project for Aibel AS in Statoil's Kårstø processing plant in Norway. The project was carried out together with the Norwegian contractor partner Entreprenørservice AS and the end client Statoil has been pleased with Savcor's expertise and the quality of the work.*

Kårstø processing plant is located north of Stavanger and it plays a key role in the transportation and treatment of gas and condensate from central parts of the Norwegian continental

shelf. Operated since 1985, Kårstø is the biggest export port for natural gas liquids in Europe and among the five largest in the world.

The project started in the summer 2013 when Savcor won the competitive bidding of Kårstø's concrete rehabilitation work among numerous companies. The contract included wharfs KAI2 and KAI3, from which KAI2 was completed in October 2014. KAI3 will be handed to the customer in the turn of the year 2015.

Both wharfs are classified as EX-areas and safety is a key issue within the processing area. The work was conducted under



Image: Juuli Aschan



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MIKKO NEUVONEN  
*Regional Manager, Savcor Tempo*

Statoil's demanding H&S, QA and PM policies. This framework set special requirements for the planning of the rehabilitation work:

- Our advanced in-house software development allowed us to implement the required safety features into the EPS system. These features include, among other things, Emergency Shutdown, which allows the power feed to the structure to be cut down immediately after alarm rises, explains Savcor Tempo's Regional Manager **Mikko Neuvonen**.

- Savcor's long experience and world-leading expertise in cathodic protection was essential in designing the system for the complex wharf structures of the processing plant. Our team was able to rapidly react to required changes in the design and implement the protection system according to ISO 12696:2012 standard.

The EPS systems installed in Kårstø were equipped with Savcor's proprietary technologies such as Recon modular control system, PSE2010 MCONex Intelligent EPS power units and EPS discrete anodes.

- In addition to the occupational safety, the significance of exact and extensive documentation was highly emphasized. We are happy for being able to meet the client's expectations. During the project, we have gotten remarkably positive feedback on our careful planning, exact documentation and competent training into the system's monitoring, Neuvonen describes.

- The success in the project would not have been possible without our skilled staff and Technical Advisor **Teemu Montonen**, acknowledges Neuvonen.



Øyvind Hagen / Statoil