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MEASUREMENT WORKSHOP

measuring for the energy transition

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Tekna



NEL

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Poster title: *LNG quality release software based on on-line instrumentation and automated data as alternative to off-line manual sample processing.*

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Short bio presenter:

Hilko has been with KROHNE for 12 years, initially as Product Manager Custody Transfer Gas Ultrasonic and currently in KROHNE's Oil & Gas Division. He lives in the Netherlands with his wife and son.

Content

On request of a large LNG producer, KROHNE developed an LNG quality release software solution that allows for real time release of the quality certificate and the bill of lading. Using on-line gas chromatograph readings and being and compliant with a.o. ISO 8943, GPA 2172, ASTM 4784, and GIIGNL, the software provides the quality release certificate directly after loading has been completed. To minimize the risk for disputes, the calculation methods have been validated by NMI and control charting techniques and statistical process control are used to determine the performance and availability of the process analyzers and other critical instruments.