



4th ISO Seminar on International Standardization in the Reliability Technology and Cost Area

ISO/TC67 Vision: International Standards Used Locally Worldwide

Location

Statoil Houston office, 2107 City West Blvd., Houston, Texas, USA

Date and Time

Friday, May 4, 2018, 0800-1330 hours CDT (advance registration required)

Seminar Overview

The ISO/Technical Committee 67/Working Group 4 - "Reliability engineering and technology," which is responsible for reliability and cost related ISO standards in the petroleum, petrochemical, and natural gas industries invites to this seminar. The seminar is done in collaboration with ISO/TC67 and IOGP, and Statoil as host. This seminar offers a unique opportunity for these industries and others to learn how existing and new multi-disciplinary international ISO standards are enablers for cost-efficiency, risk reduction, and minimizing carbon footprint. Similar seminars have been held in Brazil, Norway and Netherlands.

The objective of this seminar is to provide an overview and status of standards developed by WG4 and guidance for their practical application. Focus will be given to the following:

- ISO 14224 - Collection and exchange of reliability and maintenance data for equipment
- ISO 20815 - Production assurance and reliability management
- ISO 19008 - Standard cost coding system for gas production and processing facilities

Target Group

The seminar should be of interest for engineering/technical and information technology personnel in petroleum, petrochemical and natural gas industries, with relevance to operating, contracting and service companies, engineering and construction firms, equipment manufacturers, safety and reliability consultancies, certification bodies, regulatory and safety authorities, research and development, and more. Methods presented are also relevant to chemical processing, utilities transmission and distribution, renewables, or any other asset intensive industries.

Registration and Coffee

Advance registration is required. Please RSVP by **Thursday, April 19, 2018** to Seminar Chairman Tony Ciliberti (Reliability Dynamics, USA) by email tciliberti@rd-eam.com, with your name, company affiliation, job title, country, and your telephone number. Please indicate if you will be joining the network lunch. Further practical details (e.g. location details and personal ID needs) will be informed by Wednesday, April 25, 2018.

Program

0800	Registration and Coffee
Session 1	Management and the standardization approach <ul style="list-style-type: none"> Session leader: Runar Østebø, Statoil, Advisor and ISO/TC67/WG4 Convenor
0830	Welcome address by Statoil management <ul style="list-style-type: none"> Helge Hove Haldorsen, Vice President, Investor Relations, Statoil
0840	Keynote speeches ISO/TC67 - International standardization for materials, equipment and offshore structures for the petroleum, petrochemical and natural gas industries <ul style="list-style-type: none"> Cecilie Haarseth, Senior Engineering Advisor, ExxonMobil Upstream Research Company. Subcommittee Chairman ISO/TC67/SC4 + ISO/TC67 management representative IOGP update <ul style="list-style-type: none"> Albert Skiba, Regional director Americas, IOGP API/ISO coordination of upstream standards development <ul style="list-style-type: none"> Austin Freeman, BP Technical Authority Well Equipment, Chair for API Committee on Standardization of Oilfield Equipment and Materials
0915	Updated and latest news from international standardization <ul style="list-style-type: none"> Runar Østebø, Statoil, Advisor and ISO/TC67/WG4 Convenor
Session 2	The importance of cost management in the oil & gas industry <ul style="list-style-type: none"> Session leader: Francisco Alhanati, C-FER Technologies, Managing Director
0930	Evaluating the maturity of E&P cost estimates <ul style="list-style-type: none"> Jason Walker, Principal Deputy Director, Research - Independent Project Analysis (IPA)
1000	Coffee Break
Session 3	Industry application of ISO standards for business value creation <ul style="list-style-type: none"> Tony Ciliberti, Principal Engineer, Reliability Dynamics LLC, Seminar Chairman
1015	Offshore & onshore reliability data (OREDA®) collection – Snapshots from an OREDA JIP member <ul style="list-style-type: none"> Santosh Shetty, Reliability Engineer, BP-Houston, OREDA JIP Steering Committee Deputy Chairman
1045	Practical application of ISO 14224 methods in corporate software <ul style="list-style-type: none"> Tony Ciliberti, Principal Engineer, Reliability Dynamics LLC, ISO TC67/WG4, US Expert Member
1115	Structured method to collecting equipment data drives consistency in failure reporting, robust analyses <ul style="list-style-type: none"> Ian McWilliams, Director of Reliability, National Oilwell Varco
1145	Panel session: Practical application of ISO standards in reliability and cost areas <ul style="list-style-type: none"> Panelists: Runar Østebø, Tony Ciliberti, Francisco Alhanati and Ian McWilliams
1230	Concluding remarks by Seminar Chairman and ISO/TC67/WG4 Convenor
1245	Closure of seminar
1245-1330	Networking lunch, sponsored by NOV and C-FER Technologies

