ISO/TC 67
Petroleum, petrochemical and natural gas industries
- Plenary meeting (virtual)

ISO/TC 67/WG4
Reliability engineering and technology
- November 2021 News

Your contacts
WG4 convener: Runar Østebø – runos@equinor.com
WG4 Secretariat: Standards Norway, Endre Willmann

Multi-disciplinary reliability technology and cost standards for value creation

Project groups: 50 experts from 14 countries organized in 6 project teams (in line with IOGP Standards Solution).

Companies: Oil & energy, drilling & engineering, manufacturers, research institutions, consultancies and regulator.

Meetings: Project teams for standards development and deployment. Many adoptions: Regionally (e.g., CEN) + nationally.

Business opportunities and challenges
- The ISO/TC67/WG4 standards portfolio can be used in Energy transition, and thus well suited for the new scope of ISO/TC67.
- Examples are offshore wind: standard cost coding using ISO 19008, and reliability & maintenance data using (added) ISO 14224 items.
- ISO Guide 84:2020 has been used when preparing new ISO 15663 and ISO/TS 3250, reflecting also Lower carbon agenda and sustainability. These are important for value creation and production & injection efficiency.
- ISO 14224 is important for digitalization to structure technical information and enable safe and reliable operations. Industrial interface meetings (e.g., RAPID-SS3, JIP33 and JIP36) held last year to share ISO standards benefits and give advice. See also OTC-29634-MS.
- Cost management requires ISO 19008 standard cost coding and new ISO 15663 life cycle costing for standardized decision-support.
- Interactions between standards development in ISO/TC67 versus ISO/TCs + IEC/TCs (e.g., safety) empower ISO/TC67 portfolio.

Marketing: Virtual courses held last year for many countries: Many ISO 14224 courses held Dec 2020 and Feb 2021 - Use of ISO 14224 for optimizing Safety and Profitability in the Oil and Gas Industry – in a digitalized perspective. First course held 9 June 2021 on new ISO 15663 - for cost management and value creation in the Oil & Gas and Energy. Special safety system session (ISO/TR 12489) arranged at European Safety and Reliability Conference. France Sep 2021. See also ISO/TR 12489 Information sheet.


Terms and translations:
- The ISO/TC67/WG4 standards contain definitions of essential reliability and cost terms:
- Promoting consistent use of term and definitions across ISO, IEC, and in CEN and EN, across NSBs and industries.

Further information: Stay alert for latest news on our ISO/TC67/WG4 website.