NEW PUBLICATIONS IN Q1 OF 2020

ISO/TC 67 celebrated three publications, all first editions, in the first quarter of 2020 (excluding amendments):

✓ **ISO 20088-2**, Determination of the resistance to cryogenic spill of insulation materials – Part 2: Vapour exposure

✓ **ISO 20321**, Safety of machineries – Powered elevators

✓ **ISO 35102**, Arctic operations – Escape, evacuation and rescue from offshore installations

With the publication of ISO 35102, ISO/TC 67/SC 8 ‘Arctic operations’ successfully completed its initial work programme consisting of six ISO documents. Congratulations to the ISO/TC 67/SC 8 leadership, working group convenors, project leaders and subject-matter experts with this excellent milestone as well as thanks to IOGP for providing resources.

ISO/TC 67 has set the following goals:

✓ prepare standards required by the industry

✓ prepare standards that are adopted worldwide by bodies such as ABNT (Brazil), API (USA), CEN (Europe), GOST R (Russian Federation), GSO (Gulf Region) and SAC (China)

✓ prepare standards that are recognised by regulators

✓ publish standards that enable companies to minimise their specifications

✓ deliver standards to the target dates on the agreed work programme

ISO/TC 67 MANAGEMENT COMMITTEE MEETING

Due to the corona virus, the original planned face-to-face meeting of the ISO/TC 67 Management Committee in Brussels on 18 and 19 March 2020, needed to be rescheduled as a virtual meeting only with a more condensed 1-day agenda to keep remote participation manageable. Despite this last-minute change, the ISO/TC 67 Management Committee welcomed fifty members in the virtual meeting room, with several members who had to burn their midnight oil.
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Philip Smedley, ISO/TC 67 chair, appreciated the flexibility and high attendance in his opening address where he also presented his objectives for this meeting:

 ✓ keep you safe and well
 ✓ brief summary of key progress, challenges, opportunities and barriers
 ✓ review 2020 goals for subcommittee and working groups
 ✓ hear your expert opinions, priorities and expectations

Creating added value standards to reduce risk and drive improvement

We are developing our Roadmap 2025 by reviewing our existing standards portfolio and discussing new projects to support the sector in managing risks and opportunities and improving performance.

Poster sessions were introduced to make ISO/TC 67 meetings more interactive

Progress reports on standardisation

As the subcommittee (SC) and working group (WG) reports were intended to be presented during poster sessions to allow for more interaction between the participants, the posters prepared were now used at the online meeting. It was great to see that all SC and WG leaders had taken the effort to summarise their highlights in poster format. In general, in the past period a lot of efforts were made to update the work programmes, also by developing so-called ISO supplements to API documents. In addition, several new standards were presented to be added to the ISO/TC 67’s standards portfolio.

Progress reports supporting developments

ISO/TC 67 has also ad-hoc groups, advisory groups and task forces to address particular to prepare for or support standardisation activities.

Committee manager Françoise de Jong (NEN) presented the update of the taskforce on communication, aiming at encouraging participation in ISO/TC 67 standard development and the use of standards as well as improving the use of internal communication/procedures. She advised that the communication tools box...
has already been better equipped, also recalling the new ISO/TC 67 website and the LinkedIn group 'International standards for oil and gas sector', with more tools to follow.

Helge Olsen (Standards Norway) and Tom Shortall (Shell) reported about the advisory group on digital implementation. They presented their work plan consisting of establishing:

- authoring guidelines to write standards in a way that the machine can understand
- “sentence centric”, textual mark-up/tagging scheme for production of standards content on a format that can be imported into requirement compliance tools and similar
- high-level architecture for data-centric, semantic information management, including content from standards, for demonstration and implementation

Terry Qin (CNCP) reported about the progress of the ad-hoc group on green manufacturing. He advised that the ad-hoc group has finished a draft position paper on green manufacturing explaining the need and opportunities for the oil and gas sector. He further reported that the ad-hoc group is developing a proposal for an ISO deliverable with general requirements for green manufacturing of oilfield equipment and materials.

Sun Gang (PetroChina) introduced the newly established ad-hoc group on improved and enhanced oil recovery (IOR/EOR) that will look into various simulation technologies taking into the carbon footprint of these technologies. He advised that the ad-hoc group has further defined their scope of work, carried out research about IOR and EOR technologies applied across the world and mapped the relevant standards that already exist.

CEN/TC 12 MEETING

Also CEN/TC 12 'Materials, equipment and offshore structures for petroleum, petrochemical and natural gas industries' gathered virtually at their meeting on 19 and 20 March 2020. This committee act as European mirror committee for ISO/TC 67 by adopting all standards within the scope of CEN/TC 12 as European standard. With this single process, an ISO standard becomes a national standard in the 34 countries that are currently member of CEN. This is a very strong vehicle to realise ISO/TC 67's vision of 'International standards used locally worldwide'.

In addition to updating the work programme, CEN/TC 12 is also preparing for the upcoming standardisation request for machinery used in the drilling and well intervention operations in the offshore oil and gas industry. An ad-hoc group has prepared a prioritisation of so-called Type C safety standards following a risk-based approach. In addition, they carry out a pilot project on drawworks to gain experience with developing harmonised standards to be cited in the Official Journal of the European Union (OJEU).

Another highlight was the presentation by Helge Olsen about the results of the CEN-CENELEC pilot project for the petroleum sector with regard to digitalisation, in which EN ISO 17438, Materials selection for high content CO₂ for casing, tubing and downhole equipment has been used to transform in a machine-readable document, from which also ISO/TC 67 will benefit.
“NEVER WASTE A GOOD CRISIS”

It are remarkable times with the corona virus (COVID-19) disrupting complete societies across the entire world. This kind of pandemics demonstrates the vulnerability of human mankind, but also shows the resilience and adaptive ability of societies to deal with social distancing by introducing a wide variety of new concepts to withstand this crisis. “Never waste a good crisis” is a famous quote that certainly applies to the ‘corona crisis’. Let’s not automatically go back to ‘business as usual’ once we have contained the virus, but adopt the ‘good practices’ and raise our standards.

Talking about standards, just right now ISO standards proof to be pivotal in our activities. For example, ISO/TC 292 ‘Security and resilience’ has developed a tools box supporting organisations in their business continuity and contingency planning, while several other standardisation committees have developed standards to protect healthcare workers to ensure they can safely do their extremely important job. This perfectly illustrates that standards build trust.

In the turmoil of the corona virus, the oil prices have dropped tremendously, putting pressure on margins, profitable business cases and investments to secure energy supply on the long term. Also in this situation, standardisation can be an effective tool to drive for improving performance and boosting innovation to be more cost effective and competitive while not jeopardising safety. ISO/TC67 will continue to deliver added value creating standards as part of the licence to grow of its stakeholders.

MORE INFORMATION

Contact the ISO/TC 67 Secretariat by e-mailing to isotc67@nen.nl or calling +31 15 2 690 326 for more information. Interested to take part? Contact your national standards body to get involved! The next ISO/TC 67 meeting will be organised in Beijing, after a kind offer by the Chinese delegation.