

Meeting: International Organization for Standardization (ISO) TC92 (Fire safety) SC1 (Fire initiation and growth)

Date: From 12 to 16 November 2007

Venue: Hotel Domhof, Speyer, Germany

Attendance from NMRI

Mr. Koichi Yoshida (Right in photo)

Director, Centre for International Cooperation



Meeting Scene

MAJOR CONTRIBUTIONS

Mr. Yoshida has chaired ISO/TC92/SC1 since 2004. He chaired the TC92/SC1 Malta meeting and lead a lot of progress on development of ISO standards for fire safety and fire test procedures, some of which has been used by International Convention of safety of Life at Sea (SOLAS) and Fire Test Procedures Code (FTP Code).

MAJOR OUTCOME OF THE MEETING

31 delegates from 10 member states joined the TC92/SC1 Malta meeting.

1. Standard published since last meeting

ISO 14697: *Guidance on the choice of substrates for building and transport products*

2. FDIS (Final Draft International Standard)

Following FDIS ballot will start soon:

ISO FDIS 20632: *Small room test for pipe insulation products or systems*

ISO FDIS 24473: *Open calorimetry*

Comments to DIS 5660-4: *Measurement of heat release for determination of low level combustibility* were solved. SC1 agreed to start FDIS ballot on this draft standard.

3. DIS (Draft International Standard)

Comments to following CDs were solved. SC1 agreed to start DIS ballot on this draft standard:

Revision to ISO/TS 14934-1: *Calibration and use of radiometers and heat flux meters – General principles*

CD 29473: *Uncertainty of measurements in fire tests*

Round robin tests results will be included into revision DIS ISO 14696: *Determination of fire parameters of materials, products and assemblies using an intermediate-scale heat release calorimeter (ICAL)* and FDIS text will be prepared at the next meeting.

4. CD (Committee Draft)

TC92/SC1 agreed to proceed the following CD ballot.

Revision to ISO/EN 1182: *Non-combustibility test* (IMO FTP Code Part-1 related)

Revision to ISO/EN 1716: *Determination of calorific potential* (SOLAS related)

Revision to ISO/EN 9239-1: *Surface flammability test for floor coverings*

Revision to ISO/EN 11925-2: *Ignitability test by small flame source*

5. New work item proposal

TC92/SC1 agreed to initiate ballots on the following new work items:

Fire propagation apparatus

Measurement of smoke gas components in cumulative tests (This has been developed as DIS 21489. But deadline of development will come soon. Therefore, SC1 cancelled this and will re-start as a new work item by beginning as DIS.)

6. Preliminary work item (PWI)

TC92/SC1 noted that the following preliminary work items were underway.

Development of working draft for revision to ISO 5658-1: *Guidance for flame spread*

Round robin test on ISO 5658-2: *Spread of flame test* for insertion into future revision

Development of working draft for merging ISO 5660-1: *Cone calorimeter* and ISO 5660-2: *dynamic smoke measurement*

Development of working draft for revision to ISO 5660-3: *Guide for heat release measurement*

Development of working draft for revision to ISO 14934-3: *Calibration of heat flux meter – Secondary calibration* (by the request of IMO Fire Protection Sub-Committee)

Development of text for CD 29473: *Uncertainty of fire test measurements*

7. Liaison report

Mr. Yoshida reported activities of IMO Fire Protection Sub-Committee (FP), in particular, its revision work on Fire Test Procedures Code (FTP Code). IMO FP is requesting ISO/TC92/SC1 to revise ISO 14934-3 *Calibration of heat flux meter – Secondary calibration*. IMO FP is anticipating ISO/TC92/SC1's work on revision to ISO/EN 1182 and 1716. ISO/TC92/SC1 sent a comment to the correspondence group on revision to FTP Code that test shall be continued until final equilibrium temperature is obtained, because this temperature is the basis for the criteria.

Next meeting

TC92/SC1 and its working groups will meet from 21 to 24 April 2008 in Seoul, Republic of Korea. TC92 plenary and other its sub-committees also meet from 18 to 26 April in Seoul.