

Meeting: ISO/TC92(Fire Safety)/SC1(Fire Initiation and Growth) Brussels Meeting

Date: October 15 to 17 2009 | **Venue: CEN, Brussels, Belgium**

Participant from NMRI

Koichi Yoshida, Director of Centre for International Cooperation



ISO/TC92/SC1 Meeting



ISO/TC92/SC1 Chaired by K. Yoshida(Left)

Manor contribution

Koichi Yoshida has chaired ISO/TC92/SC1 since 2004. He has led ISO/TC92/SC1 and made progresses on revision of ISO 1182, 1716, 5658-2, 5660-1, 5660-2 and on development of DIS21489, which all are used by maritime fire safety through using in IMO Fire Test procedure Code (FTP Code). He has also been contributing developing various ISO fire safety standards.

Major Subject

TC92/SC1 Brussels meeting was attended by total 30 delegations of 11 P-members (Australia, Canada, Denmark, France, Germany, Italy, Japan, Korea RO, Sweden, UK and USA).

1. Publication of ISO Standard

Following standard is published in August 2008.

ISO 5660-4 Measurement of heat release for determination of low levels of combustibility

2. FDIS(Final Draft International Standard)

Following FDIS is under ballot.

FDIS 14696 Determination of fire and thermal parameters of materials, products and assemblies using an intermediate-scale calorimeter (ICAL)

3. DIS(Draft International Standard)

Following DISs are under ballot with a change of a phrase in titles from “building products” to “building and transport products”.

DIS 1182 Non-combustibility test(IMO/FTP Code part 1)

DIS 1716 Determination of the heat of combustion(referred in SOLAS/II-2)

DIS 9239-1 Determination of the burning behaviour using a radiant heat source

DIS 11925 – 2 Ignitability of building products when subjected to direct impingement of flame - Part 2:Single-flame source test

DIS 29473 Uncertainty of measurements in fire tests

SC1 agreed to proceed DIS ballot on following work items.

DIS 14934-1:2002: Calibration and use of heat flux meters - Part 1: General principles

DIS 12136 Measurement of fundamental material properties using a fire propagation apparatus

4. New work items

4.1 Following new work item proposals were approved.

- Standard Test Method for Measuring the Heat Release Rate of Low Flammability Mattresses and Mattress Sets (This work item has been allocated to WG7 Large scale fire tests.)

- Standard Test Method for Measuring the Ignition Propensity of Cigarettes (SC1 agreed to establish a joint working group between TC92/SC1 and TC126(Cigarette and Tobacco to develop this standard.)

4.2 SC1 agreed to initiate ballot on following new work item proposals.

- Revision and merging of ISO 5660-1(Cone calorimeter) and ISO 5660-2(Smoke measurement in cone calorimeter)

- Revision of ISO TR 5660-3: Guidance on heat release tests) (to make this a full standard)

- Amendment to ISO 13784-1: Reaction-to-fire tests for sandwich panel building systems -- Part 1: Test method for small rooms

- Revision of ISO 14934-3 Calibration and use of heat flux meters - Part 3: Secondary calibration method (by the request of IMO FP Sub-Committee)

4.3 Following items are under preparation for new work item proposals.

Fire effluent gas measurement by FTIR (Due to cancelation of work item of DIS 21489 caused by the dead line)

ISO/TR 3814 Test for measuring reaction-to-fire of construction products (to rise this as a full international standard)

ISO 5658-2 (Round-Robin tests are being organized by the request of IMO FP Sub-Committee.)

5. Withdrawal of work items

SC1 agreed to withdraw following work items.

- DTR 25558 Reference scenario for cables

- Characteristic fire growth of building content

- Revision to ISO/TR3814 (in order to start for making this as a full international standard. See 4.3)

Nest meeting

SC1 agreed to hold the next meeting in Sweden (exact place is not yet decided) in June 8 to 12, 2009. TC92 and all SCs including SC1 will meet in Lancaster, Pennsylvania, USA on October 18 to 23, 2009.