

**MEETING: ISO TC92(Fire safety) SC2(Fire containment) JWG2(Joint Working Group on intermediate fire resistance test for composites)  
TC61(Plastics) SC4(Burning behaviour)**

**OUTLINE OF THE MEETING:**

ISO/TC92/SC2/JWG2 was established as a joint working group between ISO/TC92/SC2 and SO/TC61/SC4 for producing ISO standards on intermediate scale fire resistance test for composites.

**DATE & VENUE:** TC92/SC2/JWG2 September 19 2008 in Chicago, IL, USA  
TC61/SC4 September 22 to 25 2008 in Orlando, FL, USA

**Attendee from NMRI**

Koichi Yoshida: Director of Centre for International Cooperation



Yoshida Chairing ISO/TC92/SC2/JWG2 (Left-back)

**MAJOR CONTRIBUTION**

Yoshida has been elected as the convener of JWG2, and contributing the establishment of intermediate scale fire resistance test for composites, particularly for fibre-reinforced polymer composites used in small ships, aircrafts, railway train car and building components.

Yoshida is also convening ISO/TC61/SC4/WG6, which is dealing with ISO standards on guidance for burning behaviour and fire safety assessment of polymer composites.

**MAJOR OUTCOME**

(1) ISO/TC92/SC2/JWG2 (Joint Working Group on intermediate fire resistance test for composites)  
JWG2 agreed that ISO 30021 (intermediate scale fire resistance test for composites), which has been developed by ISO/TC61/SC4/WG6 and in CD stage), should be divided into two parts as:

ISO 30021-1: Fire safety - Intermediate scale fire resistance tests – Part 1: General requirements; and  
ISO 30021-2: Plastics - Intermediate scale fire resistance tests - Part 2: Tests for fibre reinforced polymer composites.

(Possible target of CD 30021 would be fire barrier around engine room of fishing vessels and small crafts made of FRP.)

JWG2 agreed that both of the parts should be under TC92/SC2.

JWG2 agreed that CD text would be developed by ISO/TC61/SC4/WG6 and transferred to TC92/SC2/JWG2. JWG2 will consider the text and will put on CD ballots. The results of the ballot will be considered its next week, which will be held in South Europe in the week of April 27 2009.

(2) ISO/TC61/SC4/WG6 (Burning behaviour of plastics: polymer composites)

WG6 agreed that CD 30021 should be divided two parts as above, however, also agreed that the part 2 shall belong to TC61/SC4. TC61/SC4 agreed this opinion and took as a resolution and will send it to TC92/SC2.

DIS ballot on ISO 25762 “Guide on burning behaviour and fire safety assessment for polymer composites” was successfully completed. WG6 resolved the comments attached to the ballot. FDIS text will be developed for FDIS ballot.

(3) ISO/TC61/SC4(Burning behaviour of plastics)

ISO/TC61/SC4 agreed as above for polymer composites standard development activities and also agreed to proceed the following items:

Develop ISO 5659-2 (Single chamber smoke test) to add guidance for testing

Revise ISO 9772 (Flammability test for foam plastics) and ISO 9773 (Flammability test for thin film plastics)

Revise ISO15791 to divide into two parts for Part 1 “guide for intermediate testing for plastics” and Part 2 “Guidance for fire testing for plastic products and semi-products”

**NEXT MEETING:**

The next meeting of ISO/TC61/SC4 and its WGs will be held in the week of April 27 2009 in South Europe.