



**ISO/TC92/SC4 N 919**

**ISO/TC92/SC4/WG1 N082**

2015-04-17

**ISO/TC 92/SC 4 "Fire Safety Engineering"**

## **Report of Working Group ISO/TC 92/SC 4/WG1**

<b>Title of WG :</b>	General Principles and Performance Concepts
<b>Convenor :</b>	TANAKA, T.
<b>Secretary :</b>	
<b>Support (NSB) :</b>	

  

<b>Membership :</b>	28 experts attended from 11 countries and liaison body represented: Japan, Austria, Canada, China, Germany, France, Slovakia, South Korea, New Zealand, Sweden, USA and CEN
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<b>Meeting(s) held since the last ISO/TC 92/SC 4 meeting :</b>	WG1 13 <sup>th</sup> meeting, 2015-04-13, Tecnologia Univasidade de Coimbra, Coimbra, Portugal
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### ***Progress of the work***

<b>Number of WI in handling :</b>	2 NPs and 1 PWI:  - NP TR 16576: Example of fire safety objectives, functional requirements and safety criteria  NP ISO 23932 : "Fire safety engineering – General principles"  (Revision of ISO 23932:2009)  - PWI 20413: Survey of Performance-based fire safety design practices in different countries.
<b>General comments on the WI(s) :</b>	<u>NP ISO 23932: Revision of ISO 23932:2009 to link SC 4 Documents</u>  D. Nilsson, PL, reported on the TG work and the progress made since the Sydney meeting on the revision of ISO 23932 and the flowchart in Figure 1. There were some questions and comments from WG1 on the improvement of the flowchart.  WG1 decided that a concrete example of P-B design procedure may be informative for the TG work at this stage so agreed to initiate PWI ISO 23932 Part 2: French example on FSE application, with D. Dhima as the project leader.  Consequently, the revision of ISO 23932 becomes NP ISO 23932-1 "Fire Safety engineering - General Principles – Part 1:

General"

NP 16576 : Example of fire safety objectives/functional requirements/safety criteria

The review of the draft ISO/TR 16576 was done for all the parts of Annex B (Example of New Zealand) and the beginning part of Annex C (Example of Japan).

PW 20413: Survey of P-B FSD practices in different countries

I. Hagiwara presented the draft questionnaire and V. Mozer explained the similar questionnaire that is being discussed in CEN/TC127/WG8. WG1 agreed to move this PWI to NP and decided to create a TG consisting volunteered experts for this work to progress.

**Any other business :**

There were two presentations giving as below:

(1) Joyeux, D. presented "Performance of Fire Barrier in Nuclear Facility".

(2) Mozer, V. presented "Economic assessment of Performance-based Fire safety design"

For (1), WG1 agreed to improve the liaison with ISO/TC 85/SC 6/WG 3.

For (2), General comments are that the topic is interesting but it is not sure if WG1 is the appropriate place to deal with the work.

**Questions and proposals to ISO/TC 92/SC 4:**

WG1 requests SC4 to register:

- NP TR 20413:Survey of P-B fire safety design in practice" as a NP, with I. Hagiwara as PL,
- PWI ISO 23932 Part 2: French example on FSE application, with D. Dhima as PL.

Furthermore, WG1 requests SC4 to consider if "Economic assessment of Performance-based Fire safety design" presented by Mozer, V. can be accommodated in SC4.

**Date(s) and location(s) of the next meeting(s) :**

19-23<sup>th</sup> October 2015, Gaithersburg, USA