

## **Fire Safety Standard Advisory Group (FSSAG)**

### Matters Discussed in the 51<sup>st</sup> FSSAG Meeting held on 25 April 2017

**1. Review of PPA 104 (Issued under cover of FSD Circular Letter No. 1/2006)**

The draft PPA/104 and PPA/104(A)(5th Revision) were issued to members of FSSAG for final review on 27.3.2017. Members were requested to return their comments to the Sub-working Group (SWG) on/before 5.5.2017.

**2. Review on fire resisting cable requirements for fire service installations**

The draft FSD Circular Letter on “Minimum Fire Resisting Cable Requirements for Fire Service Installations” was issued to members of FSSAG for final review on 14.2.2017. Comments received from members were being consolidated and would be incorporated into the draft Circular Letter (CL) where appropriate. The finalized draft CL would then be submitted to the Senior Management of FSD for endorsement.

**3. Enhancement on Application procedure for Approval/Acceptance of Fire Service Installations and Equipment (FSI) and other Products**

The enhancement programme was in final stage (Phase 5). The revised Fire Protection Notice No.15 with the Circular Letter had been prepared and would be launched in due course.

**4. Review of the Requirements for Emergency Lighting**

The meeting notes for the 4<sup>th</sup> SWG meeting were distributed to SWG members on 3 March 2017. The 5<sup>th</sup> SWG meeting would be arranged later.

**5. Review of Clean Fire Extinguishing Agents including Novec 1230**

The draft FSD Circular Letter had been submitted to the Senior Management of FSD for endorsement.

**6. Implementation of BS 5839: 2013 “Fire Detection and Fire Alarm Systems for Buildings – Part 1: Code of Practice for Design, Installation, Commissioning and Maintenance of Systems in Non-domestic Premises”**

Members of the Sub-working Group (SWG) had no comment on the 1<sup>st</sup> draft incorporating BS 5839-1:2013. Further discussions and inputs from members were required in the coming SWG meetings to review the relevant FSD Circular Letters and to address the issues raised in the previous SWG meetings regarding false alarms and system reliability.

**7. Automatic Actuation Devices for Lifts Not Discharging to Protected Means of Escape**

FSD Circular Letter No. 1/2017 for the subject requirement was issued on 27 February 2017 and the new requirement had been taken effect from 1 April 2017. Since FSD Circular Letter No. 1/2017 had been issued and no further discussion was required for the subject matter, the meeting agreed to delete this item in the next meeting.

**8. Flashing Requirement for Exit Sign and Directional Sign in Audio / Visual Advisory System (AVAS)**

FSD and FSICA had come to a common view for the flashing requirement for the exit sign and directional sign in AVA system. Both FSD and FSICA considered the result should be presented in table form to prevent any misunderstanding on the operation of the AVA System under Clause 5.1 and Exit Sign under Clause 5.10 of the CoP. The proposed operation was listed below for members’ comment:-

Scenarios	Operation Mode	
	(*)Under the requirement of CoP 5.10 for Exit Sign System	(*)Under the requirement of CoP 5.1 for Audio / Visual Advisory System – Visual Part

	Building Exit Signs	Building Directional Signs	AVAS High Level Directional Signs
No Fire Alarm	Light On	Light On	Light On
Fire Alarm	Light On	Light On	Flashing

Remark: (\*) – The two systems are independent and separate.

The following operation mode was the accepted scenario as agreed by all present parties in the 49<sup>th</sup> and 50<sup>th</sup> FSSAG meeting:-

Scenarios	Operation Mode	
	Under the requirement of COP 5.1 for Audio / Visual Advisory System – Visual Part incorporated with building exit signs and directional signs as required under COP 5.10	
	Exit Signs	High Level Directional Signs
No Fire Alarm Condition	Light On (#)	Light On
Fire Alarm Condition	Light On (#)	Flashing

Remark : (#) - Flashing light or Directional Sign (Flashing) shall be provided in the vicinity of Exit Sign for above Operation Mode.

It was agreed in the meeting that Members should study the proposal and forward their comments to FSD for final consideration.

**9. Actuation Temperature of Heat detector(s) under the Fire Safety Requirements for D.G. Store**

The relevant F.S. requirements were being reviewed by the Dangerous Goods Division and the revised F.S. requirements would be launched in due course.

**10. Clarification for Actuation and Control for Pressurization of Staircase and Smoke Extraction System**

As no further discussion on the issue was required, the meeting agreed to delete this item in the next meeting.

**11. Application of Condensed Aerosol Fire Extinguishing System**

Condensed aerosol fire extinguishing system was not considered as a fixed installation other than water based on the definition as stated in para. 2.2 of part II of FSD CoP (2012). Different condensed aerosol system had different design requirements. In addition, the design, installation and maintenance of the condensed aerosol system varied considerably from different listed products and manufacturers. There were maintenance problems including life limits and disposal requirements for the condensed aerosol system. Such problems had not been studied and addressed in the industry. The condensed aerosol system was not recommended for general application in Hong Kong at this stage. In this regard, members should study the subject matter in detail and forward their comments to FSD for consolidation and further discussion in the next FSSG meeting.

**12. Further clarification for Audio/Visual Advisory System (AVAS)**

The meeting agreed that this item would be incorporated into item 8 above for follow up action.