

**Fire Safety Standards Advisory Group (FSSAG)**  
**Matter Discussed in the 70<sup>th</sup> FSSAG Meeting held on 6 December 2022**

**1. *Review of Precautions and Requirements in regard to Fire Safety in Mechanical Ventilating Systems***

It was stated that the two relevant FSD Circular Letters for the revised fire safety requirements of mechanical ventilating systems were under preparation for issuance shortly.

**2. *Audio/Visual Advisory System (AVAS)***

It was advised there was no further update on this issue. It was suggested and agreed to shelve this item in the next meeting.

**3. *Clarification on Open Kitchen Sprinkler Head Positions against Cabinet in Residential Unit***

It was advised that since the discussion of the item had been concluded in the last meeting and thereafter there was no further query on this issue, it was suggested and agreed to shelve this item in the next meeting.

**4. *Validity Period of Calibration of Testing Equipment for Staircase Pressurization System and Smoke Extraction System***

It was revealed that subsequent to the agreed proposal confirmed in last meeting, the Circular Letter for extending the validity period of calibration of test instruments for pressurization of staircase and dynamic smoke extraction system was under preparation for issuance shortly.

**5. *Clarification for Low Level Directional Sign***

It was presented to members the background of the issue and enquired whether phosphorescent sign as mentioned in clause 5.3 (BS 5499) or clause 3.14 (BS 5499) was equivalent to self-luminous sign as stated in clause 5.1 of the Code of Practice

for Minimum Fire Services Installations and Equipment (2022 edition) (CoP 2022).

Members shared their views and expressed their concerns on the issue. It was stated the requirement of low level directional sign for AVAS in CoP 2022 that the sign should conform to BS 5499 Part 4, which was a code of practice for escape route signing providing recommendation on the design of escape signs. According to the standard, phosphorescent sign incorporated phosphorescent material requiring excitation of UV or visible radiation for illumination. As such, phosphorescent sign was not included in CoP 2022 considering its reliability in case of emergency. On the other hand, self-luminous sign, which was defined as self-energized and required no external sources of power under the definition in BS 5499 Part 2, was fundamentally not equivalent to phosphorescent sign in terms of the means of illumination. It was also reminded that the installation of self-luminous sign in Hong Kong should strictly follow the requirement promulgated by Radiation Board.

It was further enquired whether the low level directional sign of AVAS and the speaker of AVAS should be included in general building plan (GBP) to facilitate acceptance inspection respectively. It was advised that FSD had no objection to include low level directional signs in GBP. However, the speaker of AVAS, was considered not necessary to incorporate in the drawing plans/layout.

**6. *Clarification for whether fire shutters should be included in Certificate of Completion of Installation of Fire Service Installations and Equipment in New Buildings (FSI/501a)***

It was advised that according to CoP 2022, fire shutter is classified as building components, while the automatic actuating device for fire shutters is classified as FSI, as such, automatic actuating device should be denoted in the types of FSI under FSI/501a.

**7. *Content of the checklists of testing and commissioning (T&C) in correspondence to CoP 2022.***

It was responded to FSICA's enquiry that T&C checklists have incorporated the amendment (if any) in accordance with the revised context of CoP and technical guidance at the time of issuance of FSD Circular Letter No. 2/2022.

8. ***Refresher session for the trade in relation to the processing of the FSI drawing submission under Building Improvement Divisions and Railway Development Strategy Division, and points to note in preparing the supporting documents.***

It was responded to FSICA's request that the idea would convey to the responsible division of FSD for consideration and arrangement.

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