

Fire Safety Standard Advisory Group (FSSAG)

Matters Discussed in the 33rd FSSAG Meeting held on 26 June 2012

1. Local Application of the LPC Rules Incorporating BSEN 12845

FSD Circular Letter No. 3/2012 had been issued on 22 March 2012 and uploaded to the FSD internet website. As no further action was required for this item, Members agreed to delete this item in the next meeting.

2. Separate pump sets for sprinkler installations in high rise buildings

As agreed and concluded in the last meeting that following the same practice and requirement of clause 13.2 of BS 5306 Part 2, separate pump sets or pumps with multi-outlets for sprinkler installation in high rise building should continue to be adopted. As no further action was required for this item, Members agreed to delete this item in the next meeting.

3. Interlocking of Fixed Fire Pump and Intermediate Booster Pump, Sprinkler Pump and Sprinkler Booster Pump, etc.

As concluded in the last meeting, the current configuration of non-interlocking between the fixed FS pump and intermediate booster pump should be maintained in accordance with the FSCoP and the fixed fire pump and the FS intermediate booster pump should be tested separately in the acceptance inspection. Such arrangement would also be applicable for automatic sprinkler systems and drencher systems with intermediate booster pump. As no further action was required for this item, Members agreed to delete this item in the next meeting.

4. Capacity of Emergency Generator allowable for FS, sprinkler pumps

It was concluded in the last meeting that for safety reason the capacity of emergency generator had to be calculated according to the requirements of 5.8 of the FSCoP. Special cases might be considered on case by case basis. As no further action was required for this item, Members agreed to delete this item in the next meeting.

5. Audio/ visual advisory (AVA) system

Members were given to understand that the related requirements for AVA system prescribed in the FSCoP were still in force. In accordance with clause 5.1 of FSCoP, both exit signs and directional signs were required to be turned on simultaneously round the clock since both signs were part of the FSI. As all the technical queries relating to AVA system had been solved in the 1st Sub-working Group meeting, Members agreed to delete this item in the next meeting. Nevertheless, the fire safety standards for emergency lighting system would be continued for discussion in the next Sub-working Group meeting.

6. Fire Alarm System

It was concluded in the last meeting that the suggestion made by FSICA to allow locating the main alarm bell within 2m of the hose reel point was considered acceptable provided that the sound pressure level meeting the related requirements of FSD Circular Letter No. 1/2009. As no further action was required for this item, Members agreed to delete this item in the next meeting.

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

As discussed and agreed in the 1st Sub-working Group meeting held on 29.5.2012, Members would go through all relevant standards for further discussion in the next Sub-working Group meeting.

8. Application of Heat Collector for Lower Layer Sprinklers

It had been clarified that the application of heat collector was not a requirement of FSD, and the department would not object the proposal of not to install heat collector. As no further action was required for this item, Members agreed to delete this item in the next meeting.

9. Protection of Electrical Duct, Riser Duct/Shaft, etc by Fixed Installations

Members were given to understand that FSD accepted proposal of FSI provision in excess of the minimum requirement of the FSI Code. In this regard, Members should make reference to Clause C8.3 of the Code of Practice for Fire Safety in Buildings of the Buildings Department.

10. Pressure Requirement at Remote Sprinkler Head

Members were given to understand that the pressure gauge at the remote sprinkler head for checking the running pressure of the installation should indicate that the conditions of clause 13.4.4 of the BSEN 12845: 2003 were satisfied; i.e.,

0.7 bar in LH

0.35 bar in OH

0.5 bar in HHP and HHS except for in-rack sprinklers

2.0 bar for in-rack sprinklers

11. Clarification of Fire Alarm and Detection System BS 5839-1:2002+A2:2008

Members exchanged views on the issue and finally it was concluded that if rooms were installed with addressable system but exceeding 30m or ceiling void or floor void installed with addressable fire detection system, the provision of remote indicating lamps could be exempted.

12. Provision of Indication Label for Manual Actuation Switch

Members had discussed the proposal in detail. It was concluded that as the proposal involved design work in particular from operational point of view, FSICA was invited to gather more information in this regard and put up a proposal for further discussion.