

消防處  
消防安全總區  
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消防總部大廈七樓



FIRE SERVICES DEPARTMENT  
FIRE SAFETY COMMAND  
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31 July 2009

To: Recipients of FSD Circular Letters

Dear Sirs/Madams,

**FSD Circular Letter No. 2/2009**  
**Sounder Bases of Smoke Detectors**  
**in Hotels/Guesthouses and Student Hostels**

In order to provide better fire protection for hotels/guesthouses and student hostels, the current fire service installation requirements for such premises have been reviewed. After consultations with the building industry and stakeholders, it is decided that smoke detectors provided in all guestrooms of hotels/guesthouses and bedrooms of student hostels shall be integrated with proprietary made sounder bases. For practical reasons, smoke detectors installed in concealed space and ceiling void above false ceiling will be exempted from the requirement.

The installation of smoke detector with integrated sounder base shall comply with the BS 5839-1: 2002+A2: 2008 – “Fire detection and fire alarm systems for buildings – Part 1: Code of practice for system design, installation, commissioning and maintenance” whereas the sounder base shall be certified in compliance with BS EN 54-3: 2001 – “Fire detection and fire alarm systems – Part 3: Fire alarm devices – Sounders” or other standards acceptable to this Department.

Upon actuation of any smoke detector in the guestroom/bedroom, its integrated sounder base shall sound in addition to the sounding of general building fire alarm.

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Ref. Number and date should be quoted in reference to this letter  
凡提及本信時請引述編號及日期

The sound level shall be measured right below the sounder base(s) and 1 m above floor level with ALL the guestroom/bedroom windows fully opened and doors closed. In the absence of general building fire alarm, the minimum sound level achieved shall satisfy the relevant requirements stipulated in FSD Circular Letter No. 1/2009, List 2, Item 2.35.

The new requirement will take effect from 1 September 2009 for all initial building plan submissions received by this Department.

Yours faithfully,



(LAW Hung)

for Director of Fire Services