

No : 11/2009  
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## AIRPORT EMERGENCY SERVICE

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# FIRE SAFETY CIRCULAR

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To Airport Staff and Partners

### FALSE ACTIVATION OF FIRE DETECTORS

The false activation of fire detectors has resulted in the unwarranted turnouts of AES fire resources.

2 AES would like to strongly recommend that fire detectors, especially those listed in Annex A, be isolated prior to the commencement of any works that may involve the following:

- i) Work involving vibration, impact or corrosion;
- ii) Work involving heat, smoke, flame, engine exhaust fumes or high air velocity;
- iii) Work involving electrical transients or radio interference;
- iv) Work resulting in the building up of dust or dirt within a detector;
- v) Work involving change of use or changes within a building;
- vi) Work involving change in environmental conditions e.g. temperature, relative humidity.

3 AES would also like to gently remind airport staff, partners and parties working and operating in Changi Airport that AES will have to levy a service charge for false fire alarm activations arising from the activation of fire detectors, due to negligence or ignorance of aerodrome fire safety requirements. The rate for the service charge remains unchanged, at **SGD\$ 350.00** per vehicle per hour or part thereof (excluding the prevailing GST rate).

4 For further details on aerodrome fire safety requirements, kindly refer to the latest Fire Safety Manual available online at the Changi Airport Group (S) Pte Ltd website at <http://www.changiairportgroup.com/cag/html/our-services/airport-emergency-services/fire-safety/> or contact the Airport Emergency Service, Fire Safety and Standards Unit (AES FSSU) at 65412535.

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Annex A

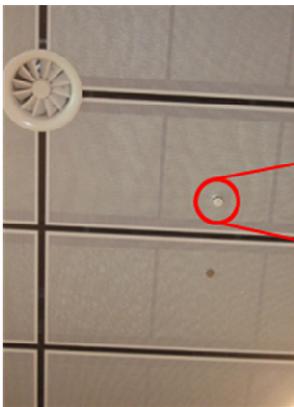
Smoke Detector



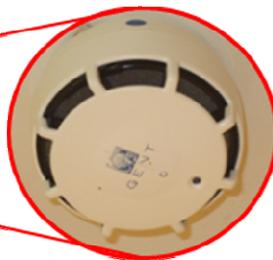
Smoke detector at PTB 1



Smoke detector at PTB 2



Smoke detector at PTB 3





Smoke detector at Skytrain

Smoke Detector (Beam Type)



Smoke detector (Beam type) at PTB 2

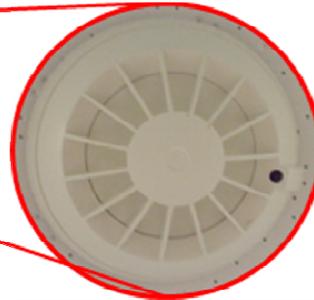
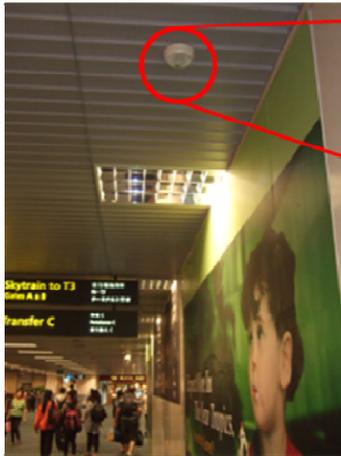


Smoke detector (Beam type) at PTB 3



Smoke detector (beam type) at PTB 3

Heat Detector



Heat detector at PTB 1.



Heat detector at Skytrain.

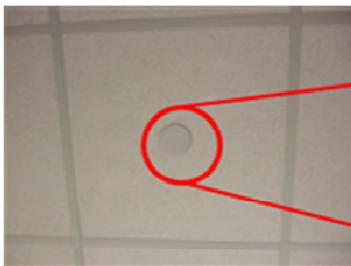
Sprinkler



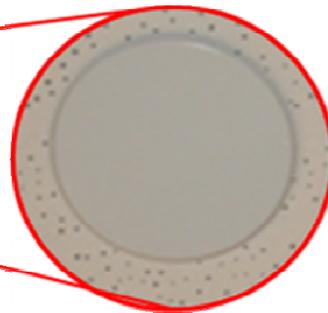
Sprinkler at PTB 1



Sprinkler at PTB 1 Departure



Concealed Sprinkler at PTB 2 Office



## Flame Detector



Flame Detector at SIAEC Hangar



Flame detector at SIAEC Hangar

Note: The detectors listed above are not exhaustive.