To All Airport Partners in CAG buildings

CHANGE FROM SS CP 55 TO SS 578 – USE AND MAINTENANCE OF PORTABLE FIRE EXTINGUISHERS

Please be advised that with effect from 1 May 2013, SS 578 : 2012 shall replace SS CP 55 : 1991 for the use and maintenance of portable fire extinguishers. The main changes affecting CAG buildings have been summarized in Annex A.

2 We seek the cooperation of all airport partners in CAG buildings to effect the changes according to the time frame given. On its part, AES will continue to educate building occupants on the new requirements through its ongoing fire prevention checks and fire safety education programmes.

3 For more information, please contact the AES FSU at 65412535, email to fire.safety@changiairport.com or refer to the fire safety manual at http://www.changiairportgroup.com/cag/html/our-services/airport-emergency-services/fire-safety.

NAZRI BAMADHAJ
1 STAFF OFFICER, FIRE SAFETY
for SUPERINTENDENT, FIRE SAFETY
AIRPORT EMERGENCY SERVICE
## Annex A – Changes to the Use and Maintenance of Portable Fire Extinguishers

### Classification of fires

<table>
<thead>
<tr>
<th>SS CP 56</th>
<th>SS 578</th>
</tr>
</thead>
<tbody>
<tr>
<td>- Class A – Ordinary combustible materials</td>
<td>- Class A – Ordinary combustible materials</td>
</tr>
<tr>
<td>- Class B – Flammable liquids</td>
<td>- Class B – Flammable liquids</td>
</tr>
<tr>
<td>- Class C – Live electrical equipment</td>
<td>- Class C – Flammable gases</td>
</tr>
<tr>
<td>- Class D – Combustible metals</td>
<td>- Class D – Combustible metals</td>
</tr>
<tr>
<td>- Class F – Cooking media</td>
<td>- Class F – Cooking media</td>
</tr>
</tbody>
</table>

### i) New Fire Classification

There has been a change in the fire classification whereby Class C fires now involve flammable gases and Class F fires now involve cooking media.

**Action by Building Owner and Occupants**

All relevant agencies in CAG buildings shall brief their staff on the new fire classifications.

### ii) Class F fire extinguishers

With effect from 1 May 2013, only Class F rated fire extinguishers shall be installed in F&B outlets.

**Action by Building Owner and Occupants**

All food and beverages outlets in CAG buildings shall install Class F rated fire extinguishers in their premises by **1 May 2013**.

![Figure L1 - Class F pictogram](image.png)

### iii) Fire extinguishers for electrical fires

With effect from 1 May 2013, only selected fire extinguishers may be used on electrical fires.

**Action by Building Owner and Occupants**

CAG FM and all tenants in CAG buildings shall install appropriately labeled fire extinguishers for use on electrical fires. Fire extinguishers installed before 1 May 2013 can be replaced at the next maintenance date.

### iv) Ban on use of halon fire extinguishers

With immediate effect, halon fire extinguishers shall not be used in CAG buildings.

**Action by Building Owner and Occupants**

CAG FM and all tenants in CAG buildings shall replace halon fire extinguishers with wet chemical or clean agent fire extinguishers if halon fire extinguishers are still in use.

### v) Fire extinguisher installation height

With effect from 1 May 2013, fire extinguishers installed in newly approved areas shall meet the new height requirements.

**Action by Building Owner and Occupants**

From **1 May 2013**, CAG FM and all tenants in CAG buildings shall install fire extinguishers according to the new height requirements for all newly approved areas within CAG premises.