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AIRPORT EMERGENCY SERVICE

FIRE SAFETY CIRCULAR

To All Food and Beverage Outlets Management,

RECENT KITCHEN FIRE IN CHANGI AIRPORT AND LESSONS LEARNT

Recently, a fire outbreak occurred at one of the kitchen outlets at Changi Airport. The fire occurred due to a faulty induction cooker that resulted in rapid overheating of food. The operator tried to put out the fire by pouring water onto the burning pot and this resulted in a flash fire instead.

2 The following were some of the findings from Fire Prevention Section's investigation:

- i. Frying of food was not done in the vicinity of the kitchen hob nor underneath the protection of the kitchen fire suppression system (KFSS);
- ii. The induction cooker was faulty; as a result the operator could not see what was the preset temperature that led to overheating; &
- iii. Water used to extinguish the burning oil fire resulted in a flash fire;

3 Arising from the findings, all kitchen and restaurant management who utilise induction stove for cooking are reminded that:

- i. Stir-frying or searing using induction cookers is not recommended;
- ii. Deep frying activities is not permitted without KFSS installation; &
- iii. Faulty electrical appliance shall be serviced or replaced before using them;

4 Appendix A shows the method to extinguish cooking fires. In addition, please observe the following fire safety dos & don't in the kitchen:

- i. Do not leave cooking unattended. Turning off the cooking appliance/stove if you need to leave the premise;
- ii. Should the pot/pan catches fire, turn off the gas supply and/or power source. Use a lid or wet cloth to cover the burning cookware;

- iii. Ensure that all cooking appliances/stoves are serviceable before using them;
- iv. Ensure that combustible material are placed well away from open flame or heat source;
- v. Attempt to use the available fire extinguisher (especially Class “F” fire extinguisher for kitchen fire) without unnecessary harm to yourself; &
- vi. When a fire occurs, contact the Airport Emergency Service (AES) at 6541 2525 immediately.

5 Your efforts in fire safety will prevent unnecessary fire outbreaks that may jeopardise the safety of lives and also disrupt Changi Airport operations. CAG will not hesitate to take the necessary actions (including closure of premise) should any tenant be found negligent in their responsibilities.

NG KENG LYE
for DEPUTY SUPERINTENDENT, FIRE PREVENTION
AIRPORT EMERGENCY SERVICE

Appendix A – Extinguishing Fires in the Kitchen

- a. Do not throw water into burning cooking utensils.
- b. Extinguishing fires in the kitchen using the following steps:-



1. If safe turn off the heat source and/or power source

2. Attempt to cover the burning pot with a lid or wet cloth properly. This will cut off supply of air to stop combustion.

3. Attempt to use the available wet or dry chemical fire extinguisher without unnecessary harm to yourself

Reference - <http://www.wikihow.com/Put-out-a-Grease-Fire>