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AIRPORT EMERGENCY SERVICE

FIRE SAFETY CIRCULAR

To All Kitchen and Restaurant Management

FIRE CAUSED BY UNATTENDED COOKING

Recently, a fire outbreak occurred at the Changi Airport Terminal 3 Food Court. The fire was caused by an unattended lighted gas stove igniting a frying pan containing cooking oil. The fire was further intensified by the accumulated grease in the kitchen hood. The installed Kitchen Fire Suppression System (KFSS) did not work as designed necessitating the use of a fire extinguisher to put out the subsequent fire.

Findings

- i. The KFSS was activated but did not discharge the extinguishant at the stove area. This was due to poor workmanship of the piping connection that caused all the extinguishing agent to discharge outside the kitchen;
 - ii. The KFSS link to the building fire alarm panel was isolated. As a result, both the Fault Management Centre and the Fire Station did not receive any signal.
 - iii. There was a build-up of fat and grease at the kitchen hood that may further contributed to the fire outbreak.
2. Arising from the findings, all kitchen and restaurant management at Changi Airport are requested to ensure the following:
- i. Ensure that KFSS is installed and maintained properly;
 - ii. Ensure that the oven, hob and grill are cleaned once every month as a minimum standard and with records to be displayed. The AES fire safety team will carry out impromptu inspections for compliance.
 - iii. Do not leave any cooking unattended at any time. Turn off the gas stove, if you have to leave the kitchen.
3. We seek your full cooperation in preventing such fire outbreaks that may jeopardize the safety of lives and also disrupt Changi Airport operations. CAG will not hesitate to take the necessary actions should any tenant be found negligent in their responsibilities.

4. Please also note the other fire safety guidelines when working in the kitchen:
 - i. Do not use matches or lighters to light gas cookers, please use spark devices which are safer;
 - ii. Take extra precautions if you are wearing loose clothing as this may easily catch fire;
 - iii. Keep electrical sockets and towels stowed away from the cooker;
 - iv. Ensure that kitchen fire suppression system is serviced annually with records updated for AES inspection;
 - v. Ensure that the kitchen fire suppression system is always linked to the AES Fire Station through the building Fire Alarm Panel.
 - vi. Do not use water to extinguish fires caused by cooking oil, use the dry powder fire extinguisher instead.

5. For more information, please contact Airport Emergency Service, Fire Safety Unit (AES FSU) at 65412535. Thank you.

NAZRI BAMADHAJ
for ACTING SUPERINTENDENT, FIRE SAFETY
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