



No. 373/PA/DG/EPA/2025
GOVERNMENT OF THE PUNJAB
ENVIRONMENTAL PROTECTION AGENCY
NATIONAL HOCKEY STADIUM, FEROZEPUR ROAD, LAHORE
Dated: 14/10/2025



Subject: MANDATORY INSTALLATION OF SUCTION HOODS IN COMMERCIAL RESTAURANTS TO CONTROL SMOKE, FUMES, AND GREASE EMISSIONS IN OPEN COOKING STATIONS AND BARBEQUE GRILLS

WHEREAS, the Environmental Protection Agency (EPA), Punjab, is mandated under the Punjab Environmental Protection Act, 1997, to take all necessary measures for the protection, conservation, and improvement of the environment, and for the prevention and control of pollution;

2. **AND WHEREAS**, Section 2(xxxiii) of the Punjab Environmental Protection Act 1997 defines "pollution" as the contamination of air, land or water by the discharge or emission of effluents or wastes or air pollutants or noise or other matter which either directly or indirectly or in combination with other discharges or substances alters unfavorably the chemical, physical, biological, radiational, thermal or radiological or aesthetic properties of the air, land or water or which may, or is likely to make the air, land or water unclean, noxious or impure or injurious, disagreeable or detrimental to the health, safety, welfare or property of persons or harmful to biodiversity;

3. **AND WHEREAS**, during winters, the phenomenon of temperature inversion and stagnant winds significantly aggravates the accumulation of soot, particulate matter, and other air pollutants in the atmosphere, creating a dense layer of smog, leading to severe degradation of air quality and adverse public health impacts;

4. **AND WHEREAS**, commercial restaurants and eateries—particularly outdoor cooking stations and barbecue grills utilizing coal, wood, or charcoal as fuel sources—emit significant quantities of particulate matter, volatile organic compounds, and other air pollutants, which aggravate smog formation and deteriorate ambient air quality, especially in densely populated urban areas; such emissions have been identified as notable contributors to localized air pollution due to the release of smoke, grease, and fumes generated during cooking and grilling operations;

o/c

5. **AND WHEREAS**, Section 16(1)(t) of the Act empowers the EPA to take necessary measures for environmental protection, conservation, rehabilitation, improvement, pollution prevention and control, and promotion of sustainable development.

6. **NOW, THEREFORE**, in exercise of the powers conferred upon me under Section 6(1)(t) of the Punjab Environmental Protection Act 1997, I, Dr. Imran Hamid Sheikh, PAS, Director General, Environmental Protection Agency, Punjab, do hereby order that **all commercial restaurant owners, outdoor cooking stations/barbecue grills** that use coal, wood, or charcoal shall:

- i. Install and maintain properly designed and functional **Type-I suction hoods** (reference diagram is at **Annex-A**. Installation and operational SOPs are at **Annex-B**) to effectively capture and filter smoke, fumes, and grease-laden vapors before their release into the open air;
- ii. Ensure that such systems are equipped with appropriate filters or scrubbers and are maintained regularly to ensure efficient operation in compliance with Punjab Environmental Quality Standards (PEQS);
- iii. Complete the installation of the required systems **within fifteen (15) days** of issuance of this order;

7. Any contravention to this order shall be punished under the Environmental Protection Smog (Prevention and Control) Rules 2023.

8. This order shall come into force with immediate effect within territorial jurisdiction of entire Punjab and shall remain in force until withdrawn or modified.

Issued under my hand & seal on this 14th day of October, 2025.

DR. IMRAN HAMID SHEIKH (PAS)
DIRECTOR GENERAL
ENVIRONMENTAL PROTECTION AGENCY
PUNJAB

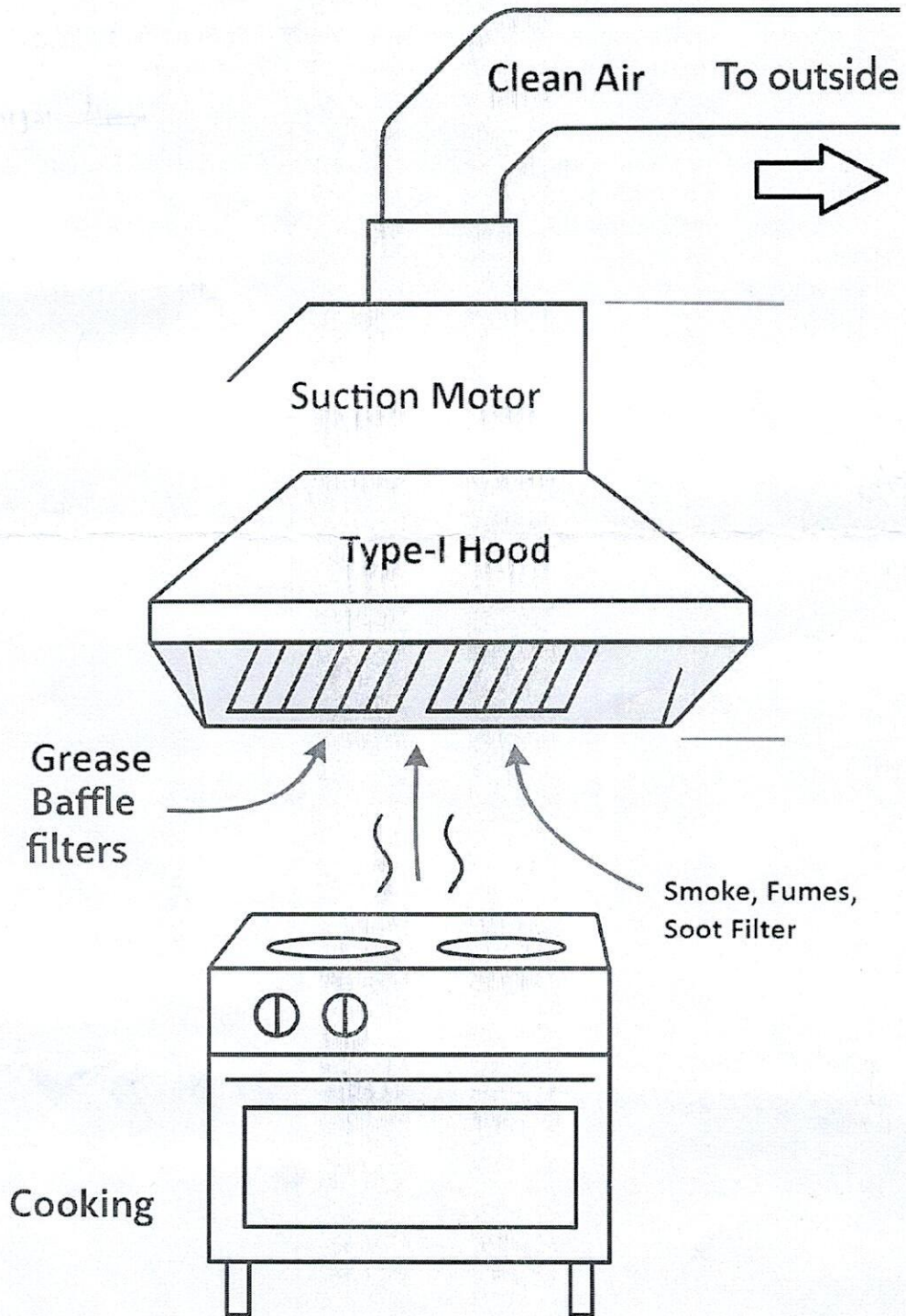
Copy is forwarded for information and necessary action to:

- Q/c*
- i. The Secretary, Environment Protection & Climate Change Department, Punjab
 - ii. All the Commissioners of Punjab
 - iii. All the Deputy Commissioners of Punjab
 - iv. The Director General Public Relations (DGPR) with a request to ensure wide publicity
 - v. The Director General, Punjab Food Authority, Lahore for information and **extension of support in implementation of this order**
 - vi. The Cantonment Executive Officers, Lahore and Walton Cantonment Boards
 - vii. The Secretary, Judicial Water and Environment Commission (JWEC), Punjab ✓ *16-10-25*
 - viii. The Additional Secretary (Staff), Chief Secretary's Office, Lahore ✓ *16-10-25*
 - ix. The Additional Secretary (Coordination), Chief Minister Office, Lahore ✓ *16.10.25*
 - x. The Chief Environment & Climate Change, P&D Board, Lahore ✓ *04.15 PM*
 - xi. PSO to Minister for Environment, Forest and P&D
 - xii. The Additional Director General (Ops / Imp), EPA Punjab ✓ *16/10/25*
 - xiii. All Deputy Directors (Field) / Assistant Directors (Field) EPA Punjab
 - xiv. The In-charge, Strategy and Analysis Wing (SAW), EPA, Lahore.
 - xv. PA to Director General EPA Punjab.
- 16/10/25*
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Annex-A
(Reference schematic of Suction Hood for Commercial Kitchens)

TYPE I SUCTION HOOD

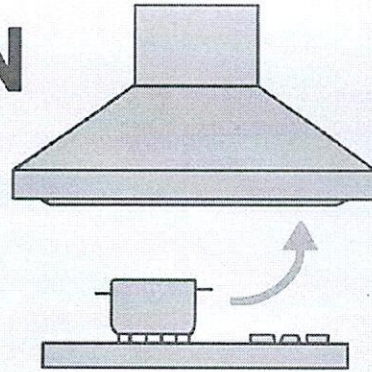
(to remove grease, grease-laden vapors, soot, fumes, smoke)



Annex-B
(SOPs for Installation and Operation of Commercial Kitchens)

TYPE-I SUCTION HOODS

FOR COMMERCIAL KITCHENS

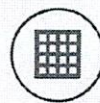


BASIC INSTALLATION REQUIREMENTS



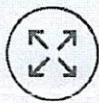
Proper Location

Hood should be installed ast directly above cooking appliances that protuce smoke, grease or fumes (e.g. fryers, grills, ovens)



Grease Filters

Must have removable batfle type grease fillers to trap grease particles. Filters should be easily accessible for cleaning



Adequate Size

Hood must fully cover the co-oking area with slight overhang (usually 6–12 inches beyond the edges of equipment)



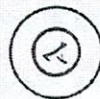
Exhaust Fan / Blower

Must be properly sized to ensure adequate suction and air movement. install anti-vibration mounts to reduce noise and vibration



Height and Clearance

installed at a safe height above the cooking surface (typically 6.5 -(feet from floor level), Maintain clearance from combustible materials as per safety codes



Make-up Air (Optional)

Provide fresh air inlets, so that air removed by the hood is replaced. Prevents negative pressure and ensures proper ventilation

BASIC OPERATIONAL REQUIREMENTS



Regular Cleaning

Clean grease filters daily or weekly depending on use
Clean internal ducting and fun periodically to avoid fire risk



Fire Safety

Keep fire extinguishers (Class K) nearby. Avoid buildup of grease in or around the heed area



Fan Operation

Keep the fan on until all fumes are cleared



No Obstruction

Do not block air inlets, filters, or exhaust outlets

