

### राष्ट्रीय राजधानी क्षेत्र और निकटवर्ती क्षेत्र वायु गुणवत्ता प्रबंधन आयोग Commission for Air Quality Management in National Capital Region and Adjoining Areas



F. No. A110018/01/2021/CAQM

Dated: 3rd April' 2023

### Addendum to Direction No: 65

Subject: Standard list of approved fuels for various applications across NCR - reg.

Pursuant to the approval of the Commission at the meeting held on 10.03.2023 and in partial modification of the Commission's Direction No. 65 dated 23.06.2022, 'Annexure to Direction No.-65' is hereby updated and may now be read as **annexed** with this addendum.

**Enclosure:** As above

(Arvind Nautiyal) Member - Secretary

To

- 1. Member Secretary, UP State Pollution Control Board.
- 2. Member Secretary, Haryana State Pollution Control Board.
- 3. Member Secretary, Rajasthan State Pollution Control Board.
- 4. Member Secretary, Delhi Pollution Control Committee.

## Copy to:

- 1. Chief Secretary, Government of Haryana, Haryana.
- 2. Chief Secretary, Government of Uttar Pradesh, Uttar Pradesh.
- 3. Chief Secretary, Government of Rajasthan, Rajasthan.
- 4. Chief Secretary, Government of NCT of Delhi, New Delhi.
- 5. Chairman, UP State Pollution Control Board.
- 6. Chairman, Haryana State Pollution Control Board.
- 7. Chairman, Rajasthan State Pollution Control Board.
- 8. Chairman, Delhi Pollution Control Committee.
- 9. Chairman, CPCB, New Delhi.
- 10. Addl. Secretary, Ministry of Environment, Forest and Climate Change, New Delhi.

(R.K. Agrawal)

# (Revisions highlighted in bold letters) Standard list of approved fuels for entire NCR

- Petrol (BS VI with 10 ppm Sulphur) as per Notification of Government of India as amended from time to time Vehicular fuel
- Diesel (BS VI with 10 ppm Sulphur) as per Notification of Government of India as amended from time to time Vehicular fuel and **fuel for Power Generating Set.**
- Hydrogen/Methane Vehicular and Industrial purposes
- Natural Gas (CNG/PNG/LNG) Vehicular, Industrial and Domestic Purposes
- Liquified Petroleum Gas (LPG) /Propane/Butane Vehicular, Industrial and Domestic Purposes
- Electricity Vehicular, Industrial, Commercial and Domestic Purposes.
- Aviation turbine fuel
- Biofuels (Bio-alcohols, Bio-diesel, Bio-gas, CBG, Bio-CNG)- for industrial/vehicular/Domestic purposes as applicable.
- Refuse Derived Fuel (RDF) for Power plants, Cement plants, Waste to Energy plants.
- Firewood / Biomass briquettes for religious purposes.
- Wood/Bamboo Charcoal for Tandoors and Grills of Hotels/Restaurants/ Banquet Halls (with emission channelization/control system) and Open eateries/Dhabas
- Wood charcoal for cloth ironing.
- Electricity/CNG/Firewood and Biomass briquettes for Crematoria.

20hg

## Fuels permissible only beyond the jurisdiction of GNCTD

- Pellets/briquettes made out of biomass/Agriculture refuse, rice-husk, waste wood, saw dust and chips generating during wood processing wastes/ saw dust for Industrial Boilers, Power plants, Biofuel projects, Cement industry, Waste to Energy plants etc.
- Wood Charcoal for lead recycling (secondary process) units
- Biomass Pellets/briquettes for Tandoors and Grills of Hotels/Restaurants/Banquet Halls (along with mandatory emission channelization/ control system) and for Open eateries/Dhabas.
- Metallurgical coke For industrial purposes in standalone Cupola based Foundries.
- "Low Sulphur Fuels" namely LSHS, Very Low Sulphur fuel oil & Ultra-Low Sulphur fuel Oil for industrial purposes in metal smelting/melting/refining/heating furnaces and *in Tunnel/Refractory* kilns.

#### NOTE:

- 1. Coal with low Sulphur shall be permitted as fuel only in Thermal Power Plants (TPPs) including Captive TPPs in the NCR.
- 2. "Wood, wood logs/ blocks etc." shall not be permitted as approved fuels.
- 3. Specific requirement of any other fuels(s), other than in the lists above, by a class/category of industries/other entities, owing to technical, technological and/or process requirement shall be considered by CAQM on merits.
- 4. Any other clean fuel notified by the Govt. of India, from time to time, shall be included in the list appropriately.
- 5. All others fuels will be deemed as "unapproved" in as far as the NCR is concerned.

and