



CP-18/1/2023-IPC-VI-HO-CPCB-HO

Date: 25.03.2025

To

The Chairman
State Pollution Control Board/Pollution Control Committee
(As per the list)

Sub: Directions under section 18(1)(b) of the Water (Prevention & Control of Pollution) Act, 1974 and the Air (Prevention & Control of Pollution) Act, 1981 regarding harmonization of classification of industrial sectors under Red, Orange, Green, White and Blue categories.

WHEREAS, under section 16 (2)(b) of the Water (Prevention and Control of Pollution) Act, 1974 and under Section 16 (2)(c) of the Air (Prevention & Control of Pollution) Act, 1981, one of the functions of the Central Pollution Control Board (CPCB), constituted under the Water (Prevention and Control of Pollution) Act, 1974, is to coordinate activities of the State Pollution Control Boards (SPCBs) and Pollution Control Committees (PCCs); and

WHEREAS, under section 16 (2)(c) of the Water (Prevention and Control of Pollution) Act, 1974 and under Section 16 (2)(d) of the Air (Prevention & Control of Pollution) Act, 1981, one of the functions of the CPCB is to provide technical assistance and guidance to SPCBs and PCCs; and

WHEREAS, CPCB has classified a total of 419 sectors into Red (125), Orange (137), Green (94), White (54) and Blue (9) category, by following a revised methodology based on PI index by assigning equal weightage to scores arising due to Water, Air and Hazardous waste, hereafter referred as Classification-2025. In this revised Classification, a new Blue Category has also been introduced to distinguish the Essential Environmental Services required for management of environmental concerns arising from anthropogenic pollution due to domestic/household activities which otherwise will have large littering potential. CPCB, vide letter dated 12.02.2025, issued directions to all SPCBs/PCCs for adoption and implementation of Classification-2025.

WHEREAS Compressed Biogas (CBG/Bio-CNG) plants, divided into 5 sub sectors, were classified under Red, Orange and White categories, based on respective Pollution Index scores, as per Classification 2025.

WHEREAS, a need was felt to revisit the classification of Compressed Biogas (CBG/Bio-CNG) plants based on the representations received for reclassification of the said sector. The Committee constituted for classification of sectors examined the representation, feed stock

Page 1 of 2

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material as well as production of by-products in the CBG plants, during its meeting held on 17.03.2025. CBG plants based on various feedstock like MSW, agro-residue, energy crops/grass/weeds, etc. apart from industrial/ process waste have littering potential and thus such feed stock based CBG plants may be considered under blue category. The Committee finalized the reclassification of CBG plants by classifying it into 5 sub-sectors under Red, Blue and White categories based on respective Pollution Index scores, as per Classification 2025 as given in Annexure -I.

NOW, THEREFORE, in the exercise of the powers delegated under Section 18(1)(b) of the Water (Prevention & Control of Pollution) Act, 1974 and Section 18(1)(b) of the Air (Prevention & Control of Pollution), Act, 1981, all SPCBs and PCCs are directed to adopt the revised Classification of CBG plants as given in Annexure -I

Encl. As above.



(Bharat Kumar Sharma)

Member Secretary



Copy to:

1. The Chief Secretary of all the States and UTs
(As per the list)
2. The Secretary,
Ministry of Micro, Small and Medium Enterprises
Udyog Bhawan, Rafi Marg, New Delhi - 110 011
3. The Secretary,
Ministry of Heavy Industries
Udyog Bhawan, Rafi Marg, New Delhi - 110 011
4. The Secretary,
Ministry of New and Renewable Energy
Block-14, CGO Complex,
Lodhi Road, New Delhi-110 003
5. The Secretary, Ministry of Petroleum & Natural Gas,
Shastri Bhavan, New Delhi – 110001
6. The Joint Secretary (CP Division)
Ministry of Environment, Forests and Climate Change
Indira Paryavaran Bhawan,
Jor Bagh Road, New Delhi - 110 003
7. All Regional Directorates, CPCB
(As per the list)
8. DH, IT, CPCB : With a request to upload the copy of directions
on CPCB website



(Bharat Kumar Sharma)

Member Secretary



CLASSIFICATION OF COMPRESSED BIOGAS (CBG)/BIO-CNG PLANTS

Annexure-I

S. N.	Sector	Waste Management Parameters												Category	Remarks
		W ₁	W ₂	W ₃	P _W	A ₁	A ₂	A ₃	P _A	H ₁	H ₂	P _H	P _I		
67.0 Compressed Biogas (CBG/Bio-CNG) Plants															
67.1	CBG plants irrespective of feed stock- MSW, agro-residue, energy crops/grass/weeds, animal waste, press mud, etc. (apart from industrial/ process waste) generating wastewater of 50 KLD or above	25	25	25	75	25	20	15	60	0	0	0	82.5	Blue	Environmental Guidelines of CPCB for Compressed Biogas (CBG)/Bio-CNG plant and household Bio-digester, as amended from time to time to be followed.
67.2	CBG plants irrespective of feed stock- MSW, agro-residue, energy crops/grass/weeds, animal waste, press mud, etc. (apart from industrial/ process waste) generating wastewater less than 50 KLD	25	25	20	70	25	20	15	60	0	0	0	79.0	Blue	Environmental Guidelines of CPCB for Compressed Biogas (CBG)/Bio-CNG plant and household Bio-digester, as amended from time to time to be followed.
67.3	CBG plants irrespective of feed stock- MSW, agro-residue, energy crops/grass/weeds, animal waste, press mud, etc. (apart from industrial/ process waste), not discharging any wastewater and producing by-products- (i) Fermented Organic Manure (FOM)/ Liquid Fermented Organic Manure (LFOM)/ enriched manure and/or (ii) Briquette/pellet using fuel.	0	0	0	25	20	15	60	0	0	0	60.0	Blue	<p>i. FOM & LFOM production in conformity with requirements of Gazette Notification No. 2051 dated 14.07.2020 & No. 1972 dated 01.06.2021, respectively and/or enriched manure as governed by Fertilizer Control Order, 1985, as amended from time to time.</p> <p>ii. Environmental Guidelines of CPCB for Compressed Biogas (CBG)/Bio-CNG plant and household Bio-digester, as amended from time to time to be followed.</p>	

67.4	CBG plants irrespective of feed stock-MSW, agro-residue, energy crops/grass/weeds, animal waste, press mud, etc. (apart from industrial/ process waste), not discharging any wastewater and producing by-products- Fermented Organic Manure (FOM)/ Liquid Fermented Organic Manure (LFOM)/ enriched Organic Manure (ii) Briquette/pellet manure and/or Briquette/pellet using electricity.	0	0	0	0	0	20	0	20	0	0	0	0	20.0	White	i FOM & LFOM production in conformity with requirements of Gazette Notification No. 2051 dated 14.07.2020 & No. 1972 dated 01.06.2021, respectively and/or enriched manure as governed by Fertilizer Control Order, 1985, as amended from time to time.
67.5	CBG plants based on industrial/ process waste.	25	25	25	75	25	20	15	60	0	0	0	0	82.5	Red	ii Environmental Guidelines of CPCB for Compressed Biogas (CBG)/Bio-CNG plant and household Bio-digester, as amended from time to time to be followed.

gwt

Environmental Guidelines of CPCB for Compressed Bio Gas (CBG)/Bio-CNG plant and household Bio-digester, as amended from time to time to be followed.