

Categorization of Industrial/ Non-Industrial Sectors/Projects "Compressed Biogas (CBG)/Bio - CNG plants' and 'Household bio-digesters/gobar-gas (cow-dung) plants based on biodegradable wastes, etc." and "Footwear other than leather footwear (excluding stitching of upper part)" under consent management of the Board

The Central Pollution Control Board (CPCB) vide letter no. B29012/ESS (CPA)/2015-16/8526 dated 07.03.2016 issued directions to all SPCB's/PCC's under section of 18(1)(b) of Water Act, 1974 and Air Act, 1981 and issued subsequent directions thereon regarding categorization of industrial/non industrial sector/project under Red, Orange, Green and White Categories. Based upon the directions issued by CPCB, HSPCB vide its order Endst. No. HSPCB/2020/PLG/1767- 1795 dated 04.12.2020 (amending order Endst. No. HSPCB/2018/517-546 dated 26.02.2018) issued consent procedure for grant of consent to establish and consent to operate under Water (Prevention and Control of Pollution) Act, 1974 and Air (Prevention and Control of Pollution) Act, 1981 alongwith consolidated list of industrial/non industrial sector/project covered under Red, Orange, Green and White Categories.

The Central Pollution Control Board (CPCB) vide letter no. CPCB/IPC-VI/ROGW/6693 dated 22.09.2021 (**Annexure-I**) has issued revised categorization of 'Compressed Biogas (CBG)/Bio -CNG plants' and 'Household bio-digesters/gobar-gas (cow-dung) plants based on biodegradable wastes, etc. in supersession of earlier categorization of 'Compressed/Refined Bio-gas production from bio-degradable waste', issued vide directions dated 30.04.2021. Further, the matter regarding categorization of footwear such as synthetic rubber excluding leather

05/2

footwear and leather products was also received from Regional Officer of Bahadurgarh Region of HSPCB vide letter dated 25.01.2022 (**Annexure-II**) for inclusion of such units under consent management of Board.

The matters were examined by the committee of this Board constituted for categorization of new/left over industrial sectors/projects for consent management, in its meeting held on 14.07.2021. The committee recommended that revised classification of industrial sectors issued by CPCB vide letter dated 22.09.2021 may be added in categorization of industrial sectors/non industrial sectors under Red, Orange, Green and white categories and Footwear other than leather footwear (excluding stitching of upper part) may be added in categorization of industrial sectors/projects issued vide order endst. No. HSPCB/2020/PLG/1767-1795 dated 04.12.2020.

It had been ordered vide order Endst. No. I/108468/2022 dated 18.04.2022 (**Annexure-III**) that following industrial / non-industrial sector / projects are added under Red, Orange and Green Categories in the consent procedure already issued vide Head Office order Endst. No. HSPCB/2020/PLG/1767-1795 dated 04.12.2020 for the purpose of obtaining consent to establish and consent to operate under the Water (Prevention and Control of Pollution) Act, 1974 and the Air (Prevention and Control of Pollution) Act, 1981 and authorizations under EP rules:-

Sr. No.	Industrial/ Non-Industrial Sectors/Projects categorized by CPCB vide letter dated 22.09.2021	Category	Status of coverage under consent management of board as per previous direction of CPCB dated 30.04.2021	Remarks
1.	Compressed Biogas (CBG)/Bio -CNG plants; a. CBG plants based on Municipal Solid Waste (MSW) (having waste	Red	New Entry	New category is added at Sr. No. 81 of Red

	<p>water discharge more than 100 KLD)</p> <p>b. CBG plants based on process waste (industrial/ process liquid effluent & solid waste like press mud, organic sludge, molasses, etc. (having waste water discharge more than 100 KLD)</p>			<p>category of classification of HSPCB</p>
<p>2.</p>	<p>Compressed Biogas (CBG)/Bio -CNG plants;</p> <p>a. CBG plants based on Municipal Solid Waste (MSW) (having wastewater discharge less than or equal 100 KLD)</p> <p>b. CBG plants based on process waste (industrial/ process liquid effluent & solid waste like press mud, organic sludge, molasses, etc. (having wastewater discharge less than or equal 100 KLD)</p> <p>c. CBG plants based on crop residue (paddy straw /wheat straw /corn sweet sorghum/ napier grass. etc.) (having waste water discharge more than 100 KLD)</p> <p>d. CBG plants based on animal waste (dairy farms, poultry farms, and other animal waste) (having waste water</p>	<p>Orange</p>	<p>existing Category at Sr. No. 110 'Compressed/R efin ed Bio-gas production from bio-degradable waste,</p>	<p>The existing Category at Sr. No. 110 in Orange category is replaced with new category.</p>

	discharge more than 100 KLD)			
3.	<p>Compressed Biogas (CBG)/Bio -CNG plants;</p> <p>a. CBG plants based on crop residue (paddy straw /wheat straw /corn sweet sorghum/ Napier grass. etc.) (having waste water discharge less than or equal 100 KLD)</p> <p>b. CBG plants based on animal waste (dairy farms, poultry farms, and other animal waste) (having waste water discharge less than or equal 100 KLD)</p> <p>c. CBG plants (irrespective of type of feed) producing fermented organic manure (FOM) & liquid fermented organic manure (LOFM) as by-products</p>	Green	<p>existing Category at Sr. No. 73 'Compressed/refined bio-gas production for bio-degradable wastes (No waste water discharge from digester and also feed slurry to digester having volatile organic fraction more than 75%)'</p>	<p>The existing Category at Sr. No. 73 in green category is replaced with new category.</p>
4.	<p>Compressed Biogas (CBG)/Bio -CNG plants; Household bio-digesters/gobar-gas (cow-dung) plants based on biodegradable wastes, etc. with feed slurry to digesters having Volatile organic fraction more than 75%</p>	White	<p>existing Category at Sr. No. 45 'Compressed/refined bio-gas production for bio-degradable wastes [Domestic bio-digesters based on cow dung or house hold biodegradable waste (such as gobar gas</p>	<p>The existing Category at Sr. No. 45 in white category is replaced with new category.</p>

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1.	Footwear other than leather footwear (excluding stitching of upper part)	Orange	New entry	New category is added at Sr. No. 113 of orange category of classification of HSPCB.
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The above categorizations of industrial/non industrial sector/projects issued vide order Endst. No. I/108468/2022 dated 18.04.2022 is placed before the Board for consideration and Ex-Post Facto approval.

SPEED POST

CPCB/IPC-VI/ROGW 6693

Date: 22.09.2021

To

✓ The Member Secretary
SPCB/PCC
(as per the list)

Sub: Harmonization of Classification of Industrial Sectors into Red, Orange, Green and White Categories-reg.

Sir,

This has reference to CPCB letter dated 30.04.2020 on the above-mentioned subject, wherein 'Compressed/refined bio-gas production from bio-degradable waste' was categorized under Orange Category of industries.

Subsequently, CPCB was in the receipt of representations from various stakeholders with a request to revisit the categorization of Compressed Bio-Gas (CBG) plants in light of the notifications issued by the Ministry of Agriculture and Farmers Welfare vide Gazette Notification No. 2051 dated 14.07.2020 and No. 1972 dated 01.06.2021 regarding inclusion of Fermented Organic Manure (FOM) and Liquid Fermented Organic Manure (LFOM) under Fertilizer (Inorganic, Organic or Mixed) (Control) Act, 1985.

In view of the above notifications and to promote the cleaner sources of energy, CPCB revisited the categorization of CBG plants. Accordingly, CBG plants producing FOM & LFOM as by products in conformity with requirements of Gazette Notification No. 2051 dated 14.07.2020 & No. 1972 dated 01.06.2021, respectively, and utilizing entire FOM & LFOM as a fertilizer or manure on land and also not discharging any waste-water, are to be considered under White category, subject to verification by SPCB on case-to-case basis. The aforesaid criteria may be re-assessed based on ground conditions after a period of two years. CBG plants which do not fall in the aforesaid category are to be categorized based on the type of feed-stocks being used. CBG plants based on animal waste and crop residue as feedstock are categorized under green category. CBG plants based on Municipal Solid Waste (MSW) and process waste as feedstock are categorized under Orange Category.

In addition, Household bio-digesters/gobar-gas (cow-dung) plants based on biodegradable wastes, etc. with feed slurry to digesters having Volatile Organic Fraction more than 75 %, are to be considered under White' category.

The details of categorization of 'Compressed Biogas (CBG)/Bio-CNG plants' and 'Household bio-digesters/gobar-gas (cow-dung) plants based on biodegradable wastes, etc.' are enclosed.

The aforementioned revised categorization shall supersede the earlier categorization of 'Compressed/Refined Bio-gas production from bio-degradable waste', issued vide directions dated 30.04.2021.

'परिवेश भवन' पूर्वी अर्जुन नगर, दिल्ली-110032

Parivesh Bhawan, East Arjun Nagar, Delhi-110032

दूरभाष/Tel : 43102030, 22305792, वेबसाइट/Website : www.cpcb.nic.in

194918/2021/Estt.Br

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All SPCBs/PCCs are directed to adopt and follow the categorization of CBG plants as per the enclosed Annexure.

Yours faithfully,


(Prashant Gargava)
Member Secretary

Encl: as above

Copy to:

- 1 The Joint Secretary (CP Division)
Ministry of Environment, Forests
& Climate Change,
Indira Paryavaran Bhawan,
3rd Floor, Prithivi, Jor Bagh Road,
New Delhi -110 003
- 2 The Regional Directors,
CPCB
(as per list)
- 3 Div. Head, IPC-III, CPCB, Delhi
- 4 Div. Head-IT, CPCB, Delhi

: with a request to upload this
letter on CPCB website


(Prashant Gargava)

Annexure**Categorization of Compressed Biogas (CBG)/Bio-CNG plants**

Sl. No.	Industrial Sector	W1	W2	W	A1	A2	A	H	PI	Category	Remarks
86	Compressed Biogas (CBG)/Bio-CNG plants										Pollution potential from Compressed Biogas (CBG)/Bio-CNG plants may vary depending on the type of feed stock, size of operation and requirement for discharge of wastewater.
a.	CBG plants based on Municipal Solid Waste (MSW)	30	-	30	10	-	10	10	50	Orange	In CBG plants, high BOD/COD wastewater is generated from anaerobic bio-digesters which is required to be treated prior to disposal or to comply with Gazette Notification No. 2051 dated 14.07.2020 & No. 1972 dated 01.06.2021 for use as Fermented Organic Manure (FOM) and/or Liquid Fermented Organic Manure (LFOM). Further, these plants may cause odour nuisance due to storage & handling of organic waste and composting. Exhausted adsorption media/ filters, used lubrication/hydraulic oils and spent solvents may also get generated as hazardous waste.
b.	CBG plants based on process waste (industrial/ process liquid effluent & solid waste like press mud, organic sludge, molasses, etc.)	30	-	30	10	-	10	10	50	Orange	Accordingly, the following classification is suggested: The waste contains heterogeneous material. The anaerobic biodegradation of the same may generate waste water containing high BOD and COD. If discharge of wastewater is more than 100 KLD, Pollution Index (PI) will be 60 and will be categorized as Red.
c.	CBG plants based on crop residue (paddy straw /wheat straw /corn sweet sorghum/ napier grass, etc.)	20	-	20	10	-	10	10	40	Green	The anaerobic biodegradation of the same may generate waste water containing high BOD and COD. If discharge of wastewater is more than 100 KLD, PI will be 60 and will be categorized as Red.
d.	CBG plants based on animal waste (dairy farms,	20	-	20	10	-	10	10	40	Green	If discharge is more than 100 KLD, PI will be 50 and will be categorized as Orange

	poultry farms, and other animal waste)													White	
e.	CBG plants (irrespective of the type of feed) producing Fermented Organic Manure (FOM) & Liquid Fermented Organic Manure (LFOM) as by-products	-	-	-	10	-	10	10	20	White	CBG plants producing FOM & LFOM as by products in conformity with requirements of Gazette Notification No. 2051 dated 14.07.2020 & No. 1972 dated 01.06.2021, respectively, and utilizing entire FOM & LFOM as a fertilizer or manure on land and also not discharging any waste-water, to be considered under White category, subject to verification by SPCB on case-to-case basis.				
38	Household bio-digesters/gobar-gas (cow-dung) plants based on biodegradable wastes, etc.	-	-	-	-	-	-	-	-	White	Household bio-digesters/gobar-gas (cow-dung) plants based on biodegradable wastes, etc. with feed slurry to digesters having Volatile Organic Fraction more than 75 %, to be considered under White category.				

Address List of Member Secretary, SPCBs/PCCs

1.	The Chairman Andhra Pradesh State Pollution Control Board D.No. 33-26-14 D/2, Near Sunrise Hospital, Pushpa Hotel Centre, Chalmvari Street, Kasturibaipet, Vijayawada- 520010 Andhra Pradesh	2.	The Chairman Arunachal Pradesh State Pollution Control Board 'ParyavaranBhavan', Yupla Road, Pappu Nallah, Naharlagun - 791110 Arunachal Pradesh
3.	The Chairman Assam State Pollution Control Board Bamunimaidan, Guwahati - 781021 Assam	4.	The Chairman Bihar State Pollution Control Board PariveshBhawan, Plot No.N-B/2, Patliputra Industrial Area Patna-800023
5.	The Chairman Chhattisgarh Environment Conservation Board ParyavasBhawan, North Block Sector-19 NayaRaipur - 492 099 Chhattisgarh	6.	The Chairman Goa State Pollution Control Board Dempo Tower, EDC Plaza, 1 st floor Patto Plaza, Panaji, Goa - 403001
7.	The Chairman Gujarat State Pollution Control Board Sector 10-A, Gandhi Nagar - 382043 Gujarat	8.	The Chairman Haryana State Pollution Control Board C-11, Sector 6, Panchkula, Haryana 134109
9.	The Chairman Himachal Pradesh State Pollution Control Board ParyavaranBhavan, Phase III, New Shimla - 171009 Himachal Pradesh	10.	The Chairman J&K State Pollution Control Board, Parivesh Bhawan, Shiekh-ul-Campus, behind Govt. Silk Factory, Raj Bagh, Srinagar(J&K)
11.	The Chairman Jharkhand State Pollution Control Board T.A Building, HEC Campus, P.O. Dhurwa Ranchi - 834004 Jharkhand	12.	The Chairman Karnataka State Pollution Control Board ParisaraBhavan, 4 th & 5 th floors, Church Street, Bangalore - 560 001 Karnataka
13.	The Chairman Kerala State Pollution Control Board Plamoodu Junction, Pattam Palace P.O. Thiruvananthapuram - 695004 Kerala	14.	The Chairman Maharashtra State Pollution Control Board Kalpataru Point, 3 rd & 4 th floors Sion Matunga Scheme Road No. 6 Opp. Cine Planet, Sion Circle, Sion (E), Mumbai 400 022 Maharashtra
15.	The Chairman Madhya Pradesh Pollution Control Board ParyavaranParisar, E-5 Arera Colony Bhopal - 462016 Madhya Pradesh	16.	The Chairman Manipur State Pollution Control Board Lamphelpat, Imphal West D.C. Office Complex - 795004 Manipur
17.	The Chairman Meghalaya State Pollution Control Board Arden, Lumpyngngad, Shillong - 793014 Meghalaya	18.	The Chairman Mizoram State Pollution Control Board New Secretariat Complex, Khatla, Thlanmual Peng, Aizwal Mizoram- 796001
19.	The Chairman Nagaland State Pollution Control Board Signal Point, Dimapur, Nagaland - 797112	20.	The Chairman Odisha State Pollution Control Board ParibeshBhawan A-118, Nilakanta Nagar, Unit -VIII, Bhubaneshwar - 751012. Odisha
21.	The Chairman Punjab State Pollution Control Board Nabha Road, ITI Rd, Adarsh Nagar, Prem Nagar, Patiala - 147001. Punjab	22.	The Chairman Rajasthan State Pollution Control Board A-4 Institutional Area, JhalaneDungri Jaipur - 302004. Rajasthan

05/11

23.	The Chairman Sikkim State Pollution Control Board State land Use & Environment Cell Govt. of Sikkim, Deorali, Gangtok. Sikkim	24.	The Chairman Tamil Nadu Pollution Control Board No. 76, Mount Salai, Guindy, Chennai - 600032. Tamil Nadu
25.	The Chairman Telangana State Pollution Control Board ParyavaranBhavan A-3, Industrial Estate, Sanath Nagar, Hyderabad - 500 018. Telangana	26.	The Chairman Tripura State Pollution Control Board PariveshBhawan, Pt. Nehru Complex, Gorkhabasti P.O., Kunjaban, Agartala, West Tripura - 799 006. Tripura
27.	The Chairman Uttarakhand Environment Protection & Pollution Control Board 29/20, Nemi Road, Dehradun - 248001. Uttarakhand	28.	The Chairman Uttar Pradesh State Pollution Control Board Building.No. TC-12V VibhutiKhand, Gomti Nagar, Lucknow- 226010. Uttar Pradesh
29.	The Chairman West Bengal State Pollution Control Board ParibeshBhavan Building, No.10-A, Block -LA, Sector 3, Salt Lake City, Kolkata - 700 091. West Bengal		
30.	The Chairman Andaman & Nicobar Islands Pollution Control Committee Department of Science & Technology Dollyganj Van Sadan, Haddo P.O., Port Blair-744102 Andaman & Nicobar	31.	The Chairman Chandigarh Pollution Control Committee ParyavaranBhawan Madhya Marg, Sector - 19 B, Chandigarh - 160019. Chandigarh
32.	The Chairman Daman, Diu & Dadra Nagar Haveli Pollution Control Committee Office of the Deputy Conservator of Forests Moti Daman, Daman - 396220. Daman & Diu	33.	The Chairman Delhi Pollution Control Committee 4 th floor, ISBT Building, Kashmeri Gate, Delhi - 110006. Delhi
34.	The Chairman Lakshadweep Pollution Control Committee Lakshadweep Administration Department of Science, Technology & Environment Kavarati - 682555. Lakshadweep	35.	The Chairman Puducherry Pollution Control Committee Department of Science, Technology & Environment Housing Board Complex, 3 rd floor, Anna Nagar, Pondichery - 600 005

Annexure-II 05/12

HARYANA STATE POLLUTION CONTROL BOARD
REGIONAL OFFICE, BAHADURGARH

SCF No. 42 & 43, SHOPPING CENTRE, SECTOR-6, HUDA, BAHADURGARH
 Ph No. 01276-243077-242078, E-Mail: hspcbrobdh@gmail.com, Web: hspcb.gov.in

25/01/2022

To

The Member Secretary,
 Haryana State Pollution Control Board,
 Panchkula.

Kind Attn: SEE-II (H.Q.)

Sub: Inclusion of footwear industry and allied products (excluding stitching of upper part) under Orange Category in the categorization of the Board's policy order dated 04.12.2020.

Ref: This office letter No. 763 dt. 07.07.2021 and email received from H.O. on 21.01.2022.

In this connection, It is submitted that Board has categorized the industrial units in Red, Orange, Green & White categories based on pollution potential of their process vide Head Office order HSPCB Order Endst. No. 1767-93 dated 04.12.2020.

It is further submitted that in HSIIDC Bahadurgarh has developed Sector-16, 17 & Sector-4B industrial area namely as footwear park and there are approx. more than 500 units engaged in the manufacturing of different type of footwear items but in our consent management only 29 nos. of industrial units are covered under different categories such as synthetic rubber excluding moulding, leather footwear and leather products and sewage treatment plant having capacity 10 KLD or more but less than 100 KLD and remaining units are operating without obtaining consent to establish/consent to operate from the Board.

Based on the manufacturing process of footwear items the pollution potential w.r.t. water, air, plastic and hazardous is as follows:-

- 1. Air Pollution Potential:-** During the manufacturing process of footwear items different type of chemicals are being used such as phthalate esters which are a group of chemical compounds and are mainly used as plastic seizers to increase the flexibility of plastics such as polyurethane (PU), EVA, polyvinyl chloride, acetyle tributyl phthalates, alkylsulfonic phenylester, disononyl adipate (DINA), calcium carbonate, sulphur, different adhesives etc. Moreover, during moulding process used in the manufacturing of footwear sole by the use of electric heaters a lot of volatile organic compounds (VOC) are generated which causes a lot of air emissions and a proper Air Pollution Control Device alongwith/ducting system is required for the treatment/exhaust of these VOCs. Moreover these units have also installed DG Sets of different capacities which also come under the purview of Pollution Control Board.
- 2. Water Pollution:-**The footwear units have potential of only domestic effluent generation. Most of the footwear units have their manufacturing facility either in MIE-A, MIE-B, HSIIDC, Sector-16, 17 & 4B and adjoining areas, however CETP is available only in HSIIDC, Sector-16, 17 & 4B.

05/13

3. **Hazardous Waste:-** The footwear manufacturing units uses group of chemical compounds such as polyurethane (PU), EVA, polyvinyl chloride, acetylene tributyl phthalates, alkylsulfonic phenylester, diisononyl adipate (DINA), calcium carbonate, sulphur, different adhesives etc, which are hazardous in nature. So these chemicals and its containers need adequate storage facility as well as disposal, so authorization under HOWM Rules, 2016 is also necessary.
4. **Plastic Waste:-** During the manufacturing of footwear items a lot of waste is generated which comes under the purview of Plastic Waste Management Rules, 2016 for its scientific disposal, so authorization under PWM Rules, 2016 is also necessary

In view of above it is recommended that the footwear industry may be included in the consent management system specifically as *footwear industry and allied products (excluding stitching of upper part) under Orange Category* to avoid any doubt regarding requirement of consent to operate/consent to establish from the Board and the matter may be put up before the TAC to include the footwear industry in the consent management system in orange category of the Board.

Submitted for information and further necessary action please.

REGIONAL OFFICER BAHADURGARH

DINESH
KUMAR
YADAV

Digitally signed
by DINESH
KUMAR YADAV
Date:
2022.01.25
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I/108468/2022

Amendment-III 05/14**HARYANA STATE POLLUTION CONTROL BOARD**

C-11 Sector-6, Panchkula

Ph – 0172- 577870-73, Fax No. 2581201

E-mail- hspcbho@gmail.com

Office Order

Whereas, the Board vide Head Office order Endst. No. HSPCB/2020/PLG/1767- 1795 dated 04.12.2020 has amended its existing consent procedure issued vide Head Office order Endst. No. HSPCB/2018/517-546 dated 26.02.2018 for grant of consent to establish and consent to operate under the Water (Prevention and Control of Pollution) Act, 1974 and the Air (Prevention and Control of Pollution) Act, 1981, along with consolidated list of industrial / non-industrial sector / projects covered under Red, Orange, Green and White Categories. This procedure had been issued based upon the directions issued by the CPCB u/s 18(1)(b) of Water Act, 1974 and Air Act, 1981 vide letter no. B29012/ESS (CPA)/2015-16/8526 dated 07.03.2016 and subsequent directions thereon; and

Whereas, the Central Pollution Control Board (CPCB) vide letter no. CPCB/IPCVI/ROGW/6693 dated 22.09.2021 has issued revised categorization of 'Compressed Biogas (CBG) / Bio-CNG plants' and 'Household bio-digesters/gobar-gas (cow-dung) plants based on biodegradable wastes, etc. in supersession of earlier categorization of 'Compressed/Refined Bio-gas production from bio-degradable waste', issued vide directions dated 30.04.2021; and

Whereas, the matter regarding categorization of footwear such as synthetic rubber, excluding leather footwear and leather products, was also received from the Regional Officer of Bahadurgarh Region of HSPCB for inclusion of such units under consent management of the Board; and

Whereas, the above matters were examined by the committee of this Board constituted for categorization of new / left over industrial sectors / projects for consent management, in its meeting held on 14.07.2021. The Committee recommended that revised classification of industrial sectors/non-industrial sectors under Red, Orange, Green and White categories and footwear other than leather footwear (excluding stitching of upper part) may be added in categorization of industrial sectors/projects issued vide order endst. No. HSPCB/2020/PLG/1767-1795 dated 04.12.2020.

In view of above, it is hereby ordered that the following industrial / non-industrial sector / projects are added under Red, Orange and Green Categories in the consent procedure already issued vide Head Office order Endst. No. HSPCB/2020/PLG/1767-1795 dated 04.12.2020 for the purpose of obtaining consent to establish and consent to operate under the Water (Prevention and Control of Pollution) Act, 1974 and the Air (Prevention and Control of Pollution) Act, 1981 and authorizations under EP rules:-

Sr. No.	Industrial/ Sectors/Projects categorized by CPCB vide letter dated 22.09.2021	Non-Industrial Category	Status of coverage under consent management of board as per previous direction of CPCB dated 30.04.2021	Remarks
1.	Compressed Biogas (CBG)/Bio -CNG plants: a. CBG plants based on Municipal Solid Waste (MSW) (having waste water discharge more than 100 KLD) b. CBG plants based on process waste (industrial/ process liquid effluent & solid waste like press mud, organic sludge, molasses, etc. (having waste water discharge more than 100 KLD)	Red	New Entry	New category is added at Sr. No. 81 of Red category of classification of HSPCB

V/108468/2022

05/15

2.	<p>Compressed Biogas (CBG)Bio –CNG plants;</p> <p>a. CBG plants based on Municipal Solid Waste (MSW) (having wastewater discharge less than or equal 100 KLD)</p> <p>b. CBG plants based on process waste (industrial/ process liquid effluent & solid waste like press mud, organic sludge, molasses, etc. (having wastewater discharge less than or equal 100 KLD)</p> <p>c. CBG plants based on crop residue (paddy straw /wheat straw /corn sweet sorghum/ napier grass. etc.) (having waste water discharge more than 100 KLD)</p> <p>d. CBG plants based on animal waste (dairy farms, poultry farms, and other animal waste) (having waste water discharge more than 100 KLD)</p>	Orange	Existing Category at Sr. No. 110 'Compressed/Refined Bio-gas production from bio-degradable waste,	The existing Category at Sr. No. 110 in Orange category is replaced with new category.
3.	<p>Compressed Biogas (CBG)Bio –CNG plants;</p> <p>a. CBG plants based on crop residue (paddy straw /wheat straw /corn sweet sorghum/ Napier grass. etc.) (having waste water discharge less than or equal 100 KLD)</p> <p>b. CBG plants based on animal waste (dairy farms, poultry farms, and other animal waste) (having waste water discharge less than or equal 100 KLD)</p> <p>c. CBG plants (irrespective of type of feed) producing fermented organic manure (FOM) & liquid fermented organic manure (LOFM) as by-products</p>	Green	Existing Category at Sr. No. 73 'Compressed/refined bio-gas production for bio-degradable wastes (No waste water discharge from digester and also feed slurry to digester having volatile organic fraction more than 75%)'	The existing Category at Sr. No. 73 in green category is replaced with new category.

I/108468/2022

05/16

4.	Compressed Biogas (CBG)/Bio -CNG plants; Household bio-digesters/gobar-gas (cow-dung) plants based on biodegradable wastes, eic. with feed slurry to digesters having Volatile organic fraction more than 75%	White	existing Category at Sr. No. 45 'Compressed/refined bio-gas production for bio-degradable wastes [Domestic bio-digesters based on cow dung or house hold biodegradable waste (such as gobar gas plant)]'	The existing Category at Sr. No. 45 in white category is replaced with new category.
1.	Footwear other than leather footwear (excluding stitching of upper part)	Orange	New entry	New category is added at Sr. No. 113 of orange category of classification of HSPCB.

These orders shall come into force with immediate effect.

Dated Panchkula, the
06th April, 2022

P. Raghavendra Rao
Chairman

Endst. No. HSPCB/PLG/2022/

Dated:

A copy of the above is forwarded to the following for information and further necessary action:-

1. All Branch Incharges dealing with consent management in Head Office of the Board.
2. All Regional Officers of the Board in the field.
3. Environmental Engineer -cum- Nodal Officer of the HSPCB, Haryana Enterprises Promotion Centre (HEPC) Bay No. 63-64-65-66, Sector 2, Panchkula.
4. Branch incharge (IT) for uploading the orders on the website of the Board and making necessary changes in the OCMMS and online inspection module.

Signed by Bhupender Singh
Rinwa
Date: 18-04-2022 18:22:18
Reason: Approved
Sr. Env. Engineer (PLG)
For Chairman

Endst. No. HSPCB/PLG/2022/

Dated:

A copy of the above is forwarded to the following for information of the officers:-

1. PS to Chairman
2. PA to Member Secretary

Sr. Env. Engineer (PLG)
For Chairman