

# MAHARASHTRA POLLUTION CONTROL BOARD

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Kalpataru Point, 3rd & 4th floor, Sion- Matunga  
Scheme Road No. 8, Opp. Cine Planet Cinema, Near  
Sion Circle, Sion (E),  
Mumbai - 400 022

Consent order No :- Formate 1.0/BO/CAC-Cell/EIC No RD-3160-15/11th CAC/ 2633  
Date-23/02/2016

To,  
M/s Privi Organics Ltd.  
Plot No.C-3,4,5,6,6/1,7,8,9,33/1 & X-9,10,11  
M.I.D.C. Mahad,Dist.-Raigad

Subject: Consent to 1st Operate (Part) for expansion and amalgamation with existing consent under RED category.

- Ref : 1. Existing consent granted vide no Formate1.0/BO/CAC-CELL/EIC NoRD-2810-14/22ndCAC -0166 dated 06.01.2015 which is valid upto 28.02.2017.  
2. Consent to establish granted vide no Format 1.0/BO/CAC-Cell/EIC No RD-2728-14/8th CAC-6672 dated 16.07.2014.  
3. Your application approved in CAC meeting held on 09.12.2015.

Your application:CO1510000005

Dated: 01.10.2015

For: Consent to 1st Operate (Part) for expansion and amalgamation with existing consent

under Section 26 of the Water (Prevention & Control of Pollution) Act, 1974 & under Section 21 of the Air (Prevention & Control of Pollution) Act, 1981 and Authorization under Rule 5 of the Hazardous Wastes (M, H & T M) Rules 2008 is considered and the consent is hereby granted subject to the following terms and conditions and as detailed in the schedule I, II ,III & IV annexed to this order:

1. The consent is granted from date of issue of consent upto 28.02.2017.
2. The actual capital investment of the industry is Rs.148.59 Crs. (As per C.A.Certificate submitted by the Industry)
3. The Consent is valid for the manufacture of -

Sr. No.	Product Name	Maximum Quantity
1	Isobornyl cyclohexanol (IBCH)	51.0 MT/M
2	L-Carvone/Carvacrol	50.0 MT/M
3	Orange oil folds	12.0 MT/M
4	D-Limonene	125.0 MT/M
5	Myrcene	400.0 MT/M
6	Alpha-Campholenic aldehyde	50.0 MT/M
7	Floreol	80.0 MT/M
8	D-Carvone	5.0 MT/M
9	Dihydrocarvone	5.0 MT/M
10	Carvomenthone/Menthone	5.0 MT/M
11	Nimberol	1.0 MT/M
12	Dihydromyrcene	150.0 MT/M

13	Sandal fleur & derivatives	20.0 MT/M
14	Sandal touch	5.0 MT/M
15	Citral extra pure	30.0 MT/M
16	Citronellal	20.0 MT/M
17	Cyclocitral (Alpha & Beta mixture)	2.0 MT/M
18	Isocitronellene & Isomer	30.0 MT/M
19	Citronellyl nitrile	30.0 MT/M
20	A-Pinene from CST	666.66 MT/M
21	B-Pinene from CST	216.66 MT/M
22	Limonene from CST	41.32 MT/M
23	Mixed Terpenes/Terpene biofuel from CST or	290.0 MT/M
	DDTO/Carene varieties 60,90,98/ Terpene bio fuel	679.15 MT/M
24	A-Pinene from GTO	150.0 MT/M
25	B-Pinene from GTO	100.0 MT/M
26	Amberfleur	400.0 MT/M
27	MI for soap	1.0MT/M
28	Violetone Coeur	2.0 MT/M
29	Timber Touch/Timber forte	5.0 MT/M
1	Electricity Generation	0.5 MW
2	Recovery of Concentrated Sulphuric acid	48 TPD
30	Esters -Para Tertiary Butyl Cyclo Hexyl Acetate/PTBCH, Ortho Tertiary Butyl Cyclo Hexyl Acetate, Styrallyl Acetate (SA), Terpinyl Acetate (TA), Citronellyl Acetate (COLA), Geranyl Acetate(GOLA), Dimethyl Octonol A, Nerol A, ISO Boronyl Acetate, Longifolene Acetate	297.0 MT/M
31	Alcohols - Citronellol (Col), Geraniol (Gol), Damascone (DMO), THMOL, Nerol, Terpeneol, Dihydromyrcenol	445.0 MT/M
32	Rose Oxide	3.0 MT/M
33	Nitriles – Geranyl Nitrile/Citronellyl Nitrile	10.0 MT/M
34	Lonones-GMI,NMI,AI,BI-Gammanolene	50.0 MT/M
35	Geraniol Formate	5.0 MT/M
36	Citronellol Formate	5.0 MT/M
37	Camphene	1.0 MT/M
38	ISO Longifoline Ketone	1.0 MT/M
39	Rosaxanol	10.0 MT/M
40	Evernyl or Prionyl	10.0 MT/M
41	Muganol	6.0 MT/M
42	Polysantol (Super Sandal Core)	2.0MT/M
43	Hydrogen	15.0 MT/M

*Pravin*

**Byproducts:**

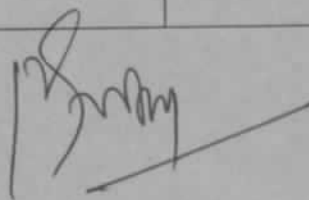
Sl.No	Products	By-Products	Maximum Quantity (MT/M)
1.0	Isobornyl Cyclohexanol	Aqueous fluoroboric acid (Fluoboric acid)	43.34
2.0		Recovered Toluene	128.3
3.0		Recovered catalyst	3.9
4.0		Recovered IPA	22.1
5.0		Recovered Methanol	5.0
6.0		Column tops	34.9
7.0		Column bottom mass	41.9
8.0	L- Carvone/Carvac rol	Recovered cyclohexane	30.0
9.0		Recovered D-Limonene	20.6
10.		Spent Aq Layer (Aluminium Sulphate +IPA)	94.6
11.0		MEK+Butanol recovered	133.0
12.0		Column tops	20.1
13.0		Column bottom mass	22.8
14.0		2-Butanol (Separated from MEK + Butanol mixture)	29.0
15	Floreol	Recovered EDC	22.73
16		DHP	28.05
17		Column Tops	8.64
18		Column Bottom mass	7.45
19	A-Campholenic Aldehyde	Recovered Toluene	110.3
20		Column tops	4.2
21.		Column bottom mass	19.7
22.		Zinc bromide solution (16-20%)	8.2
23.		Sodium Sulphate decahydrate	25.5
24	D-Carvone	Recovered cyclohexane	3.0
25		Recovered L-Limonene	2.1
26		Spent Aq.layer (Aluminium sulphate +IPA)	9.5
27		MEK+Butanol rec	13.3
28		Column tops	2.0
29		Column bottom mass	3.1
30	2-Butanol (recovered from MEK+Butanol mixture)	2.9	
31	Dihydrocarvone	Recovered cyclohexane	2.5
32		Recovered EDC	17.4
33		Column Tops	1.3
34		Column Bottom mass	2.9
35	Carvomenthone /Menthone	Catalyst recovered	0.05
36		IPA recovered	5.19
37		Recovered cyclohexane	13.88
38		Column Tops	4.14
39		Column Bottom mass	2.69
40	Myrcene	Column Bottom mass	1.80
41	Nimberol	Spent Acetic acid	3.85
42		Recovered Toluene	3.44
43		Spent acid layer solution	0.48
44		Acetic acid solution (50-60%)	3.79
45		Recovered MPK	2.51

46		Recovered catalyst	0.01
47		Column Tops	0.61
48		Column bottom mass	0.48
49	Dihydromyrcene	Column Tops	19.5
50		Column Bottom mass	32.3
51	Sandal fleur & derivatives	Recovered Cyclohexane	28.8
52		Recovered methanol	43.0
53		Sodium acetate	5.0
54		Sodium Borate solution	15.0
55		Column Tops	11.3
56		Column Bottom mass	4.7
57	Sandal Touch	Recovered MEK+Methanol	45.7
58		Potassium acetate Solution	6.5
59		Recovered Catalyst	0.2
60		Column Tops	2.2
61		Column Bottom mass	1.4
62		Recovered 2 -butanol	3.4
63	Citronellal	Column Tops	5.9
64		Column bottom mass	1.8
65		Recovered catalyst	0.22
66	Cyclocitral (A&B Mixture)	Aniline recovered	2.0
67		Recovered cyclohexane	30.6
68		Ammonium sulphate solution (30-35 %)	47.3
69		Column Tops	0.5
70		Column bottom mass	0.9
71	Isocitronellene & Isomer	Column Tops	1.77
72		Column bottom mass	1.24
73	Citronellyl nitrile	Ammonium Sulphate Solution/Sodium sulphate solution	87.5
74		Column Tops	1.3
75		Column bottom mass	1.6
76		White oil residue	8.1

77	A-Pinene from CST & B-Pinene from CST & Limonene from CST & Mixed terpenes from CST OR DDTO/Carene 60/ 90/98	Calcium Sulphate OR	181.56
78		Sodium Sulphate OR	189.57
79		CST DMS/DMDS/MSM/Mixed sulphurs compounds OR	85.44
80		Sodium Sulphide /SMM/& Sodium Hydrogen sulphide solution	250.8
81		Heavy Fractions	105.93
82	Terpene bio fuel	Zinc Chloride solution	336.43
83	A-Pinene & B-Pinene (From GTO)	Dipnetene / Terpene bio fuel	95.0
84		Pine tar	51.0
85	Amberfleur	Aqueous fluoroboric acid (Fluoboric acid)	109.34
86		Spent Phosphoric acid Layer/Sodium Phosphate	42.29
87		Recovered Toluene	111.51
88		Column Tops	128.68
89		Column Bottom mass	86.5
90	MI for Soap	Column Tops	0.31
91		Column bottom mass	0.34
92	Violetone couer	Column Tops	1.20
93		Column bottom mass	2.32
94	Timber touch/Timber forte	Recovered MPK	11.04
95		Spent Phosphoric acid	2.32
96		Barium hydroxide	1.0
97		Recovered Toluene	3.43
98		Column tops	1.51
99		Column bottom mass	1.64
100		Recovered Catalyst	0.04

101	Spent Phosphoric Acid Product- Ionones	38.2
102	Tops and bottom Product- Di hydro myrcenol	17.0

103	Tops and residue Products- A. Ionone B. Di hydro myrcenol C. Para Tertiary Butyl Cyclo Hexyl Acetate (PTBCHA) /PTBCH D. Ortho Tertiary Butyl Cyclo Hexyl Acetate (OTBCHA) E. Terpinyl Acetate F. Citronellol G. Geraniol H. Geranyl Acetate I. Citronellyl Acetate J. Timber Touch	147.3
104.	ISO Longifolene product – Longifolene Ketone	41.3
105.	Spent Sulphuric Acid product – Dihydromyrcenol	100.0
106.	Heavy Fractions products – A. Alpha Pinene B. Beta Pinene C. Limonene	116.66
107.	Spent Chromium Sulphate product – Damascone	75.0
108.	Potassium Sulphate product – Damascone	20.0
109.	Magnesium Chloride (MgCl <sub>2</sub> )/Magnesium Hydroxide/Chloride (Mg(OH)Cl)/Magnesium Sulphate (Mg SO <sub>4</sub> ) solution	90
110.	20%-30 % Ammonium Sulphate product – Damascone	165.0
111.	Potassium Acetate product – GPMI	16.0
112.	spent acetic Acid product – A. PTBCHA B. OTBCHA	200.0
113.	Sodium Acetate product – A. PTBCHA B. OTBCHA C. Geranyl Acetate D. Citronellyl Acetate E. Terpinyl Acetate F. Isobornyl acetate	50.0





4. Conditions under Water (P&CP), 1974 Act for discharge of effluent:

Sr. no.	Description	Permitted quantity of discharge (CMD)	Standards to be achieved	Disposal
1.	Trade effluent	160	As per Schedule -I	Out of 160 CMD of trade effluent, 55 CMD from the CST plant is directly recycled back in the process. Effluent of 105 CMD of effluent goes to ETP & 35 CMD Domestic effluent to STP. Out of total 140 CMD effluent (domestic + trade), 42 CMD goes to RO for recycling & and remaining 98 CMD is discharged to CETP.
2.	Domestic effluent	35	As per Schedule -I	

5. Conditions under Air (P & CP) Act, 1981 for air emissions:

Sr. no.	Description of stack / source	Number of Stack	Standards to be achieved
1.	Boiler (5 nos)	3 Nos.	As per Schedule -II
2.	DG sets ( 750 KVA, 1000 KVA, 380 KVA, 625KVA & 125KVA)	5 Nos	As per Schedule -II
3.	Incinerator	1 No	As per Schedule -II
4.	TFH	1 No	As per Schedule -II

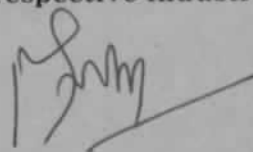
6. Conditions about Non Hazardous Wastes:

Sr. no.	Type Of Waste	Quantity & UoM	Treatment	Disposal
1.0	Boiler ash	288 MT/M	---	Sale to brick Mfg/Land filling
2.0	Insulation	0.3MT/M	---	Sale to auth. party
3.0	MS Scrap	15MT/M	---	Sale to auth. party
4.0	Thermopack ash	5.5MT/M	---	Sale to brick Mfg/Land filling
5.0	Canteen	1.055 MT/M	---	Sent to vermiculture
6.0	Paper, wood waste, Plastic etc.	0.9MT/M	---	Sale to auth. party

7. Conditions under Hazardous Waste (MH & TM) Rules, 2008 for treatment and disposal of hazardous waste:

Sr. No.	Type Of Waste	Category	Quantity	UOM	Treatment	Disposal
1	ETP Sludge	34.3	40	MT/M	--	CHWTSDF
2	Spent oil	5.1	0.5	MT/M	--	Sale to Auth.Party
3	Discarded Barrels/ Drums		201.0	Nos/M	--	Sale to Auth.Party
	IBCs		25.0	Nos/M	--	Sale to Auth.Party
	Carboys		50.0	Nos/M	--	Sale to Auth.Party
4	Sludge from MEE	36.1	47.4	MT/M	--	Sale/CHWTSDF
5	Lead acid batteries	Batteries rule 2002	30.0	Nos/M	---	Sale to Auth.Party
6	Discarded Asbestos	15.2	8.3	Kg/M	--	Sale to Auth.Party
7	Spent Catalyst	35.2	0.5	MT/M	--	Sale to Auth.Party
8	Waste residue containing oil (oil soaked gaskets and cotton waste)	5.2	150	Kg/M	--	Sale to Auth.Party
9	E-Waste	E-Waste rules, 2011	57	Kg/M	--	Sale to Auth.Party
10	Carbon/Charcoal	35.3	2.2	MT/M	--	Sale to Auth.Party
11	Silica		2.2	MT/M	--	Sale to Auth.Party
12	Resin		0.1	MT/M	--	Sale to Auth.Party

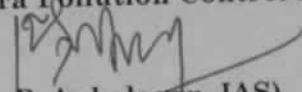
8. The Board reserves the right to review, amend, suspend, revoke etc. this consent and the same shall be binding on the industry.
9. This consent should not be construed as exemption from obtaining necessary NOC/permission from any other Government authorities.
10. The applicant shall comply with the conditions stipulated in Environmental Clearance granted by GoM vide No. SEAC-2012/CR-43/TC-2 dtd 08.10.2015.
11. Industry, the byproduct generator, should ensure that all the vehicles used to transport by-product to the vendor industry to be fitted with web based GPS system to record the origin to destination position and shall self monitor the compliance and submit monthly report to the Board.
12. Industry shall obtain affidavit from vendors stating that the by-product purchased from PP is used as raw materials in their respective industries.





13. Industry shall submit BG of Rs 2 lakhs for the compliance of point no 11 & 12.

For and on behalf of the  
Maharashtra Pollution Control Board

  
(Dr. P. Anbalagan, IAS)  
Member Secretary

Received Consent fee of -

Sr. No.	Amount(Rs.)	DD. No.	Date	Drawn On
1	75100	583466	21.09.2015	S.B.I
2	150000	862733	04.12.2015	S.B.I
3	150000	009432	15.02.2016	HDFC
Previous consent fees				
1	15000	554606	04.09.2014	S.B.I
2	48750	582356	26.12.2014	S.B.I
3	682040/-	245688	11/06/2013	S.B.I.
4	115826/-	554525	12.06.2014	S.B.I

The balance fees Rs. 3,00,000/- with the Board will be considered at the time of next renewal of consent.

Copy to:

1. Regional Officer - Raigad and Sub-Regional Officer-Mahad, MPCB, Mahad  
They are directed to ensure the compliance of the consent conditions. The existing BG of Rs 10 lakhs obtained towards not to take effective steps before obtaining Environmental Clearance and BG of Rs 2 lakhs towards treatability study shall be returned back as industry has complied the same.
2. Chief Accounts Officer, MPCB, Mumbai.
3. CC/CAC desk- for record & website updation purposes.

### Schedule-I

#### Terms & conditions for compliance of Water Pollution Control:

1) A] As per your application, you have provided the Effluent Treatment Plant (ETP) with the design capacity of 160 CMD with RO of 300 CMD & MEE of 72 CMD.

B] The Applicant shall operate the effluent treatment plant (ETP) to treat the trade effluent so as to achieve the following standards prescribed by the Board or under EP Act, 1986 and Rules made there under from time to time, whichever is stringent.

Sr No.	Parameters	Standards prescribed by Board (If any)
		Limiting Concentration in mg/l, except for pH
01	pH	5.5-9.0
02	Oil & Grease	10
03	BOD (3 days 27oC )	100
04	Total Dissolved Solids	2100
05	Bioassay Test	90% survival of fish after first 96 hrs in 100% effluent
06	Phenolics (C6H5OH)	1.0
07	Phosphate(as P)	5.0
08	Suspended Solids	100
09	COD	250
10	Chloride	600
11	Sulphate	1000
12	TAN	50

C ) Out of 140 CMD of treated effluent (domestic & trade), 42 CMD goes to RO for recycling and remaining 98 CMD shall be discharged to the CETP. RO permeate of 35.8 CMD is used on land for gardening and in utilities. The RO reject of 6.2 CMD goes to MEE of 72 CMD. In no case, trade effluent should find its way to local nalla.

2) A.] As per your consent application, you have provided STP of capacity 40 CMD. The treated sewage is mixed with treated trade effluent before going to RO.

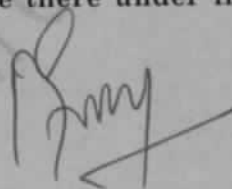
B] In case the treatment system is combined for trade effluent and sewage then the standards and disposal path prescribed at sr. no.1 B & C of schedule I shall be applicable.

3) The Board reserves its rights to review plans, specifications or other data relating to plant setup for the treatment of waterworks for the purification thereof & the system for the disposal of sewage or trade effluent or in connection with the grant of any consent conditions. The Applicant shall obtain prior consent of the Board to take steps to establish the unit or establish any treatment and disposal system or and extension or addition thereto.

- 4) The industry shall ensure replacement of pollution control system or its parts after expiry of its expected life as defined by manufacturer so as to ensure the compliance of standards and safety of the operation thereof.
- 5) The Applicant shall comply with the provisions of the Water (Prevention & Control of Pollution) Cess Act, 1977 and as amended, by installing water meters, filing water cess returns in Form-I and other provisions as contained in the said act.

Sr. no.	Purpose for water consumed	Water consumption quantity (CMD)
1.	Industrial Cooling, spraying in mine pits or boiler feed	686.2
2.	Domestic purpose	49
3.	Processing whereby water gets polluted & pollutants are easily biodegradable	192
4.	Processing whereby water gets polluted & pollutants are not easily biodegradable and are toxic	0

- 6) The Applicant shall provide Specific Water Pollution control system as per the conditions of EP Act,1986 and rule made there under from time to time/ Environmental Clearance / CREP guidelines.



**Schedule-II**

**Terms & conditions for compliance of Air Pollution Control:**

1. As per your application, you have provided the Air pollution control (APC) system and also erected following stack (s) and to observe the following fuel pattern-

Sr. No.	Stack Attached To	APC System	Height in Mtrs.	Type of Fuel	Quantity & UoM	S %	SO <sub>2</sub>
							Kg/Day
1	Boiler I (6 TPH)	Cyclone Separator	30	FO/Biofuel	4200 lits/D/ 5.09 KLPD	2.5	210
2	Boiler II (6 TPH)	Cyclone Separator		Coal	22.5 TPD	0.2	90
3	Boiler III (08 TPH)	Cyclone Separator	42	Coal	22.5 TPD	0.2	90
3	Boiler III (18 TPH)	Cyclone Separator		Coal	90 TPD	0.2	360
4	Boiler 15 TPH	ESP	46	Coal			
6	D.G.Set (750 & 1000 KVA)	Stack	12	HSD	60 & 80 Ltr/Hr	0.25	7.2
7	D.G.Set (625 & 125 KVA)	Stack	12	HSD	60 Ltr/Hr	0.25	9.6
8	D.G.Set (380 KVA)	Stack	12	HSD	45 Ltr/Hr	0.25	5.4
9	Incinerator	Scrubber	30	HSD	240 Ltr/Day	0.25	45*
10	Thermic Fluid Heater-1	Stack	30	FO/Biofuel	550 Ltrs/Day/ 0.81 KLD	2.5	27.5

\*Incinerator is used for burning and oxidation of sulphur gas generated in Crude Sulphated Turpentine (CST) plant process.

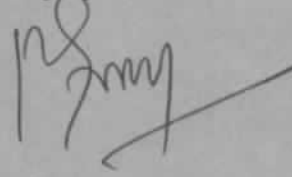
Industry has not installed 30TPH Coal fired Boiler and TFH as per the consent to establish granted on 16.07.2014.

2. The Applicant shall provide Specific Air Pollution control equipments as per the conditions of EP Act, 1986 and rule made there under from time to time / Environmental Clearance / CREP guidelines.
3. The applicant shall operate and maintain above mentioned air pollution control system, so as to achieve the level of pollutants to the following standards:

Particulate matter	Not to exceed	150 mg/Nm <sup>3</sup> .
HCL	Not to exceed	35 mg/Nm <sup>3</sup>
NOx	Not to exceed	50 ppm

Acid mist	Not to exceed	35 ppm
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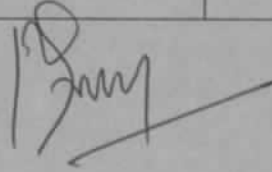
4. The Applicant shall obtain necessary prior permission for providing additional control equipment with necessary specifications and operation thereof or alteration or replacement/alteration well before its life come to an end or erection of new pollution control equipment.
5. The Board reserves its rights to vary all or any of the condition in the consent, if due to any technological improvement or otherwise such variation (including the change of any control equipment, other in whole or in part is necessary).



Maharashtra Pollution Control Board

**Schedule-III  
Details of Bank Guarantees**

Sr. No.	Consent (C to E/O/R)	Amt of BG Imposed	Submission Period	Purpose of BG	Compliance Period	Validity Date
1	C to R	Rs 5 lakh	Submitted	O & M of PCS	28.02.2017	30.06.2017
2	C to R	Rs 2 lakh	Within 15 days from the date of issue of consent	Industry, the byproduct generator, should ensure that all the vehicles used to transport by-product to the vendor industry to be fitted with web based GPS system to record the origin to destination position and shall self monitor the compliance and submit monthly report to the Board. Industry shall obtain affidavit from vendors stating that the by-product purchased from PP is used as raw materials in their respective industries.	28.02.2017	30.06.2017





#### Schedule-IV

##### General Conditions:

- 1) The applicant shall provide facility for collection of environmental samples and samples of trade and sewage effluents, air emissions and hazardous waste to the Board staff at the terminal or designated points and shall pay to the Board for the services rendered in this behalf.
- 2) If the MIDC pipeline is broken/ overflowing chamber, in such cases industry shall not discharge their treated effluent into MIDC drain, it shall be sent to CETP by tanker.
- 3) Industry should monitor effluent quality, stack emissions and ambient air quality monthly/quarterly.
- 4) The applicant shall provide ports in the chimney/(s) and facilities such as ladder, platform etc. for monitoring the air emissions and the same shall be open for inspection to/and for use of the Board's Staff. The chimney(s) vents attached to various sources of emission shall be designated by numbers such as S-1, S-2, etc. and these shall be painted/ displayed to facilitate identification.
- 5) Whenever due to any accident or other unforeseen act or even, such emissions occur or is apprehended to occur in excess of standards laid down, such information shall be forthwith Reported to Board, concerned Police Station, office of Directorate of Health Services, Department of Explosives, Inspectorate of Factories and Local Body. In case of failure of pollution control equipments, the production process connected to it shall be stopped.
- 6) The applicant shall provide an alternate electric power source sufficient to operate all pollution control facilities installed to maintain compliance with the terms and conditions of the consent. In the absence, the applicant shall stop, reduce or otherwise, control production to abide by terms and conditions of this consent.
- 7) The firm shall submit to this office, the 30th day of September every year , the Environmental Statement Report for the financial year ending 31st March in the prescribed Form-V as per the provisions of rule 14 of the Environment (Protection) (Second Amendment) Rules, 1992.
- 8) The industry shall recycle/reprocess/reuse/recover Hazardous Waste as per the provision contain in the HW(MH&TM) Rules 2008, which can be recycled/processed/reused/recovered and only waste which has to be incinerated shall go to incineration and waste which can be used for land filling and cannot be recycled/reprocessed etc should go for that purpose, in order to reduce load on incineration and landfill site/environment.
- 9) The industry should comply with the Hazardous Waste (M,H & TM) Rules, 2008 and submit the Annual Returns as per Rule 5(6) & 22(2) of Hazardous Waste (M,H & TM) Rules, 2008 for the preceding year April to March in Form-IV by 30<sup>th</sup> June of every year.
- 10) An inspection book shall be opened and made available to the Board's officers during their visit to the applicant.
- 11) The applicant shall make an application for renewal of the consent at least 60 days before the date of the expiry of the consent (in case of Renewal of consent).
- 12) Industry shall strictly comply with the Water (P&CP) Act, 1974, Air (P&CP) Act, 1981 and Environmental Protection Act, 1986 and industry specific standard under EP Rules 1986 which are available on MPCB website([www.mpcb.gov.in](http://www.mpcb.gov.in)).
- 13) The industry shall constitute an Environmental cell with qualified staff/personnel/agency to see the day to day compliance of consent condition towards Environment Protection.
- 14) Separate drainage system shall be provided for collection of trade and sewage effluents. Terminal manholes shall be provided at the end of the collection system with arrangement for measuring the flow. No effluent shall be admitted in the pipes/sewers downstream of the terminal manholes. No effluent shall find its way other than in designed and provided collection system.

- 15) Neither storm water nor discharge from other premises shall be allowed to mix with the effluents from the factory.
- 16) The applicant shall install a separate meter showing the consumption of energy for operation of domestic and industrial effluent treatment plants and air pollution control system. A register showing consumption of chemicals used for treatment shall be maintained.
- 17) Conditions for D.G. Set
- Noise from the D.G. Set should be controlled by providing an acoustic enclosure or by treating the room acoustically.
  - Industry should provide acoustic enclosure for control of noise. The acoustic enclosure/ acoustic treatment of the room should be designed for minimum 25 dB (A) insertion loss or for meeting the ambient noise standards, whichever is on higher side. A suitable exhaust muffler with insertion loss of 25 dB (A) shall also be provided. The measurement of insertion loss will be done at different points at 0.5 meters from acoustic enclosure/room and then average.
  - Industry should make efforts to bring down noise level due to DG set, outside industrial premises, within ambient noise requirements by proper siting and control measures.
  - Installation of DG Set must be strictly in compliance with recommendations of DG Set manufacturer.
  - A proper routine and preventive maintenance procedure for DG set should be set and followed in consultation with the DG manufacturer which would help to prevent noise levels of DG set from deteriorating with use
  - D.G. Set shall be operated only in case of power failure.
  - The applicant should not cause any nuisance in the surrounding area due to operation of D.G. Set.
  - The applicant shall comply with the notification of MoEF dated 17.05.2002 regarding noise limit for generator sets run with diesel
- 18) The industry should not cause any nuisance in surrounding area.
- 19) The industry shall take adequate measures for control of noise levels from its own sources within the premises so as to maintain ambient air quality standard in respect of noise to less than 75 dB (A) during day time and 70 dB (A) during night time. Day time is reckoned in between 6 a.m. and 10 p.m. and night time is reckoned between 10 p.m. and 6 a.m.
- 20) The applicant shall maintain good housekeeping.
- 21) The applicant shall bring minimum 33% of the available open land under green coverage/ plantation. The applicant shall submit a statement on available open plot area, number of trees surviving as on 31<sup>st</sup> March of the year and number of trees planted by September end, with the Environment Statement.
- 22) The non-hazardous solid waste arising in the factory premises, sweepings, etc. be disposed of scientifically so as not to cause any nuisance / pollution. The applicant shall take necessary permissions from civic authorities for disposal of solid waste.
- 23) The applicant shall not change or alter the quantity, quality, the rate of discharge, temperature or the mode of the effluent/emissions or hazardous wastes or control equipments provided for without previous written permission of the Board. The industry will not carry out any activity, for which this consent has not been granted/without prior consent of the Board.
- 24) The industry shall ensure that fugitive emissions from the activity are controlled so as to maintain clean and safe environment in and around the factory premises.
- 25) The industry shall submit official e-mail address and any change will be duly informed to the MPCB.
- 26) The industry shall achieve the National Ambient Air Quality standards prescribed vide Government of India, Notification dtd. 16.11.2009 as amended.

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