

MAHARASHTRA POLLUTION CONTROL BOARD

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Sion Circle, Sion (E),
Mumbai - 400 022

Consent order No :- Formate 1.0/BO/CAC-Cell/EIC No RD-2810-14/22nd CAC/ 0166
Date- 06/01/2015

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 for additional stand-by 15TPH coal fired boiler and Amalgamation with existing consent upon RED category.

Ref : 1. Existing consent Formate1.0/BO/CAC-CELL/EIC NoRD-2586-13/5th CAC -5854 dated 20.06.2014 which is valid upto 28.02.2017.

2. Earlier consent no Formate1.0/BO/CAC-CELL/EIC NoRD-2693-14/2nd CAC -4363 dated 06.05.2014.

3. Your application approved in CAC meeting held on 09.12.2014.

Your application:CO1409000304

Dated: 24.09.2014

For: Consent to 1st operate for additional stand-by 15TPH coal fired boiler 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 for a period from date of issue of consent upto 28.02.2017.
2. The actual capital investment of the industry is Rs.118.137 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
Plot No. C-3,4,5,8,9,33/1		
1	Esters -Para Tertiary Butyl Cyclo Hexyl Acetate, 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
2	Alcohols - Citronellol (Col), Geraniol (Gol), Damascone (DMO), Nerol, Terpeneol, Dihydromyrcenol	445.0 MT/M
3	ISO Boronyl Cyclo Hexanol	1 MT/M
4	Rose Oxide	3 MT/M
5	Timber Touch	2 MT/M
6	Nitriles - Geranyl Nitrile	10 MT/M
7	Lonones-GMI,NMI,AI,BI-Gammanolene	50 MT/M
8	Geraniol Formate	5 MT/M
9	Citronellol Formate	5 MT/M

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10	Camphene	1 MT/M
11	ISO Longifoline Ketone	1 MT/M
12	Evernyl or Prionyl	1 MT/M
13	Rosaxanol	10 MT/M
14	Muganol	6 MT/M
15	Polysantol (Super Sandal Core)	2 MT/M
CST Plant Products (Plot No. C-6/1)		
1	Alpha Pinene	8000 MT/A
2	Beta Pinene	2600 MT/A
3	Limonene	1000 MT/A
CST Plant By-Products (Plot No. C-6/1)		
1	Calcium sulphate/Sodium Sulphate	900 MT/A
2	Heavy fractions	1400 MT/A
Hydrogen Plant Products (Plot No. C-6)		
1	Hydrogen Generation	15 MT/M

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	162	As per Schedule -I	Out of 162 CMD of effluent, 55 CMD from CST plant is directly recycled in the process. Effluent of 107 CMD goes to ETP. 37 CMD of treated effluent is recycled in process and remaining is discharged in CETP
2.	Domestic effluent	28	As per Schedule -I	CETP

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	3 Nos.	As per Schedule -II
2.	DG sets (750 KVA, 1000 KVA, 380 KVA)	3 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	Boiler Ash	2.25 MT/Day	---	Sale to brick Mfg/Land filling
2	Metal scrap	200.00 Kg/M	---	Sale to auth. party

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3	Insulation Waste	100.00 Kg/Day	---	Sale to auth. party
4	Packaging Material	300.00 Kg/M	---	Sale to auth. party
5	Packaging material paper wood, glass etc.	17 Kg/Day	---	Sale to auth. party
6	Insulation material	10 Kg/Day	---	Sale to auth. party
7	Metal scrap	500 Kg/Day	---	Sale to auth. party
8	Canteen Waste	5.0 Kg/Day	---	Sent to vermiculture
9	Boiler Ash	600 Kg/Day	---	Sale to brick Mfg/Land filling

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

Sr. No.	Type Of Waste	Categor y	Quantit y	UOM	Treatment	Disposal
1	ETP Sludge	34.3	8.0	Ton/M	----	CHWTSDF
2	Spent Catalyst	35.2	200	Kg/M	----	Sale to Auth. Party
3	Discarded Barrels	33.3	1000	Nos./Yr	----	Sale to Auth. Party
4	Spent Oil (Waste/used oil)	5.1	400	Kg/M	----	Sale to Auth. Party
5	Discarded Asbestos	15.2	400	Kg/Yr	----	Sale to Auth. Party
6	By product Di Pentene fro, product-Terpineol	20.1	2.0	MT/M	----	Sale to Auth. Party
7	By product Spent Phosphoric Acid from Product-Linones	20.2	2.0	MT/M	----	Sale to Auth. Party
8	By product Tops & bottoms from product Terpeneol	20.1	10.0	MT/M	----	Sale to Auth. Party
9	By product pine oil from product - Terpeneol	20.1	30.0	MT/M	----	Sale to Auth. Party
10	By product DD turpentin oil from product Terpene	20.2	30.0	MT/M	----	Sale to Auth. Party
11	By products Tops and bottom product Di hydro myrcenol	20.3	12.0	MT/M	----	Sale to Auth. Party
12	By product Tops & resid from product-lonone	20.3	10.0	MT/M	----	Sale to Auth. Party
13	By product ISO Longifolene from produc longifolene.Ketone	20.1	3.0	MT/M	----	Sale to Auth. Party
14	By product sulphuric Ac	20.2	100	MT/M	----	Sale to

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	from product-Dihydromyrcenol					Auth. Party
15	By product Spent Chromium sulphate from product-Alpha Demoscon	20.2	75.0	MT/M	----	Sale to Auth. Party
16	MEE Sludge	36.1	27.0	MT/M	----	Sale/CHWTSDF
17	Oil soaked gaskets and cotton waste	5.2	5	Kg/M	----	In-house Incinerator
18	Distillation residue	20.3	50.0	MT/M	----	CHWTSDF/Sale to Auth. Party
19	Discarded Containers Barrels/ Liners	33.3	100.0	MT/M	----	Sale to Auth. Party
20	Used/ spent oil	5.1	50	Ltr/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. This consent is issued by overriding consent no. Formate1.0/BO/CAC-CELL/EIC NoRD-2586-13/5th CAC -5854 dated 20.06.2014.
11. Industry shall submit affidavit by 30.01.2015 stating that there is no change in BuA due to additional stand by 15 TPH coal fired boiler.

For and on behalf of the
Maharashtra Pollution Control Board

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(Dattatray.T.Devale)
Member Secretary

Received Consent fee of-

Sr. No.	Amount(Rs.)	DD. No.	Date	Drawn On
1	15000	554606	04.09.2014	S.B.I
2	48750	582356	26.12.2014	S.B.I
Previous consent fees				
1.	682040/-	245688	11/06/2013	S.B.I.
2.	115826/-	554525	12.06.2014	S.B.I

Copy to:

1. Regional Officer - Raigad and Sub-Regional Officer-Mahad, MPCB, Mahad
They are directed to ensure the compliance of the consent conditions.
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 treated 107 CMD of effluent, 37 CMD shall be recycled in process and remaining 70 CMD shall be discharged to the CETP. In no case, trade effluent should find its way to local nalla.
- 2) A.] As per your consent application, you have provided septic tanks. The overflow of septic tank is treated in existing ETP
- 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.

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- 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	468
2.	Domestic purpose	40
3.	Processing whereby water gets polluted & pollutants are easily biodegradable	190
4.	Processing whereby water gets polluted & pollutants are not easily biodegradable and are toxic	—
5	Gardening	24

- 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.

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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 ₂ Kg/Day
1	Boiler I (6 TPH)	Cyclone Separator	30	FO	4100 Lit/Day	2.5	369
2	Boiler II (6 TPH)	Cyclone Separator		Coal	22.5 TPD	0.1 to 0.2	900
3	Boiler III (18/08 TPH)	Cyclone Separator	42	Coal	67.5 TPD	0.1 to 0.2	270
4	D.G.Set (750 KVA)	Stack	12	HSD	60 Ltr/Hr	0.25	7.2
5	D.G.Set (1000 KVA)	Stack	12	HSD	80 Ltr/Hr	0.25	9.6
6	D.G.Set (380 KVA)	Stack	12	HSD	45 Ltr/Hr	0.25	5.4
7	Incinerator	Scrubber	30	HSD	240 Ltr/Day	0.25	45*
8	Thermic Fluid Heater	Stack	30	FO	300 Ltrs/Day	2.5	14.5
9	Boiler (15 TPH)	ESP	42	Coal/FO	45 MT/D or 123 KL/M	0.5/4.5	450/369

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

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 ³
HCL	Not to exceed	35 mg/Nm ³
NOx	Not to exceed	50 ppm
Acid mist	Not to exceed	35 ppm

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).

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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 lakhs	Submitted	O & M of PCS	28.02.2017	30.06.2017
2	C to R	Rs 2 lakhs	Submitted	Carry out treatability study of ETP	31.08.2014	31.12.2014

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