MAHARASHTRA POLLUTION CONTROL BOARD

Phone

4010437/4020781

/4037124/4035273

Fax

24044532/4024068

/4023516

Email

enquiry@mpcb.gov.in



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

Mumbai - 400 022

Visit At http://mpcb.gov.in

Consent order No: - Formate 1.0/BO/CAC-Cell/EIC No RD-2622-13/20th CAC - 921
Date- 30 01 2014

To,

Clariant Chemicals (I) Ltd, Plot No- 113/114 MIDC Dhatav,

Tq-Roha, Dist-Raigad.

Subject: Renewal of consent and amendment for deletion of products REL

Ref

: 1. Earlier Consent granted vide no:- Format 1.0/BOASTVN vi

Mumbai/0/CAC-7313 dated 30/08/2013

2. Minutes of CAC meeting held on 21.01.2014.

Your application: CR1401000025

Dated-01.01.2014

For: Renewal of consent and amendment for deletion of products 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 2005 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 trop 01.05.2014 to 31/01/2017.

2. The actual capital investment of the industry is Rs.178.13 Crs. (As per C.A. Certificate submitted by industry)

3. The Consent is valid for the manufacture of -

	Product Name	Maximum
No	Trouber rame	Quantity in MT/A
1.	Synthetic Organic Ryestuffs, Pigment Dyestuffs & their	16450
	Dispersion (Synthetic Organic Pigments /dyestuffs, Pigment	
ļ	Emulsions/dispersions, Disperse dyes/Reactive dyes)	
2.	Leather Chemicals (Synthetic tanning agent/ auxiliaries, fat	25390
	liquors Synthetic resin Dispersions)	
3.	Intermediates for Pigments, Dyes, , Optical Brightening	7000
•	Agents and Chemicals Used for Oil production chemicals,	
)	Refinery Chemicals and mining Chemicals etc. (Pigment and	
	Dyes, other intermediates, Demulsifies, corrosion/scale	
	inhibitors, antifoams, biocides, scavenger's and reduces,	
	desalting agents, pour point depressuents, flow improvers,	
	frothers and collectors)	10010
	Total	49840
	By Products Name	200
1.	Aqueous Phenol Soln- 7 %.	300
2.	Aqueous Sodium Bromide (NaBr) Soln.	30
3.	30% Hydrochloric Acid	100

Page .

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	2872	As per Schedule –I	TO CETP
2.	Domestic effluent	211	As per Schedule –I	TO CETP

M/s Clariant will be solely responsible for the treatment of trade effluent = 178 CMD & Domestic effluent = 9 CMD generated from M/s Archroma India Pvt Ltd.

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

Sr.	Description of stack / source	Number of Stack	Standards to be achieved
1.	Boiler	2	As per Schedule -II
2.	Process vents	18	As per Schedule -II
3.	DG set		As per Schedule -II
4.	Oil Heating Unit	2	As per Schedule -II
5.	Pigment Air Heater	1 -	As per Schedule -II
6.	Bag Filter stack	1 (As per Schedule -II
7.	Air Heater	3_	As per Schedule -II

6. C

Sr. no.	Type Of Waste	Quantity &	Treatment	Disposal
1	Metal Scrap	250 MF(A	Decontamination	Sold as Scrap
2	Glass Bottles	250 Number	Decontamination	Sold as Scrap
3	Plastic Packaging Waste	500 Kg/A	Decontamination	Sold as Scrap
4	Paper Packaging Wasta	150MT/A	NA	Sold as Scrap
5	Ash from Briquette / Agro Mass	2500 MT/A	NA	Landfill / Sold to bricks manufacture
6	Ash from Coal (Stand by Fuel)	100 MT/A	NA	Landfill / Sold to bricks manufacture
7	Any other (wood, drums, Carboys)	50MT/A	NA	Sold as Scrap

M/s Clariant Chemical (I) Ltd, 113/114, MIDC Dhatav ,Roha, Raigad

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	Used / Spent oil	5.1	5985	Lit/yr	N.A	CHWTSDF/
						sale/Recycle/
						Reprocess/
						Recover/reuse/
2	Wastes / Residue	5.2	2998	kg/yr	N.A	CHWTSDF or
	containing oil					incineration at
1			-		•	MPCB
3	Spent Solvent	20.2	14557	kg/yr	N.A	approved site Sale to
3	Spent Solvent	20.2	14007	Kg/yr	N.A	authorized
						reprocessor
4	Spent Carbon	35.3	62195	Kg/yr	MA	CHWTSDF
5	Process waste / Sludge residue containing acid or other toxic metal or organic complexes	26.1	180	MT/yr	110/4	CHWTSDF
6	Gypsum sludge from waste water treatment plant	26.2	3000	MT/yr	N.A	CHWTSDF
7	Discarded containers / barrels / liners used for hazardous waste/ chemicals	33.3	11/6/1	MT/Yr	N.A	CHWTSDF or Incineration at MPCB approved site.

- The Board reserves the right to review, amend, suspend, revoke etc. this consent and the same shall be birding on the industry.
 This consent should not be construed as exemption from obtaining necessary NOC/permission from any other Government authorities.
 Industry shall carryout treatability study of ETP and water audit from renowned institute like NEEM, IIT within two months from the date of issue of consent.
 M/s Clariant (N. Pet Ltd shall sign bi-lateral agreement with M/s Archroma India Pyt Ltd for fairly responsibility of the treatment of their effluent. If M/s Clariant (I)
- Pvt Ltd for joint responsibility of the treatment of their effluent. If M/s Clariant (I) Pvt Ltd fails to treat their effluent, M/s Archroma India Pvt Ltd should make their own arrangement for the treatment of effluent. In case of the non-compliance of proper O&M, discharging pollutants, both of them will be jointly & severally liable for the same & any legal obligation, action etc.

For and on behalf of the Maharashtra Pollution Control Board

> (Rajeev Kuma Member

Received Consent fee of-

Sr. No.	Amount(Rs.)	DD. No.	Date	Drawn On
1	1444877.00	001391	25/07/2012	Bank of India
2	15000.00	001393	31/07/2012	Bank of India
3	18421.00	071422	30/12/2013	Bank of India

The balance of Rs 89060 with the Board will be considered at the time of next renewal of consent.

Copy to:

- Maharashtra Pollution Control Board

 Maharashtra Pollution 1. Regional Officer -Raigad and Sub-Regional Officer-Raigad-I, MPCB- 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.

M/s Clariant Chemical (I) Ltd, 113/114, MIDC Dhatav ,Roha, Raigad

Schedule-I

Terms & conditions for compliance of Water Pollution Control:

1) A] As per your application, you have provided Combined Effluent Treatment Plant (ETP) for treatment of trade effluent and domestic effluent generated from M/s Clariant Chemicals and M/s Archroma India Pvt Ltd with the design capacity of 3500 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.

whichever is stringent.						
Sr. No.	Parameters	Standards prescribed by Board.				
		Limiting Concentration in mg/l,				
		except for pH				
01	pH	6.085				
02	Oil & Grease	V 0				
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	Mercury (as Hg)	0.01 mg/l.				
07	Hexavalent Chromium (as Cr+6)	0.1 mg/l.				
08	Total Chromium (as Cr)	2.0 mg/l.				
09	Copper (as Cu)	3.0 mg/l.				
10	Zinc (as Zn)	5.0 mg/l.				
11	Nickel (as Ni)	3.0 mg/l.				
12	Cadmium (as Cd)	2.0 mg/l.				
13	Chloride (as Cl)	1000 mg/l.				
14	Sulphate (as \$04)	1000 mg/l.				
15	Phenolic Compounds (as C6H5OH)	1.0 mg/l.				

C) The treated effluent shall be discharged into MIDC for further treatment in CETP-3270 CMD.

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.

- 2) 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.
- 3) 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.
- 4) The Applicant shall comply with the provisions of the Water (Prevention & Control of Pollution) Cess Act, 1977 and as amended, by installing water

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M/s Clariant Chemical (I) Ltd, 113/114, MIDC Dhatav ,Roha, Raigad

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meters, filing water cess returns in Form-I and other provisions as contained

Sr. no.	Purpose for water consumed	Water consumption quantity (CMD)
1.	Domestic	220
2.	Processing whereby water gets polluted & pollutants are easily biodegradable	3103
3.	Industrial Cooling, spraying in mine pits or boiler feed	
4.	Processing whereby water gets polluted & pollutants are not easily biodegradable and	0
	are toxic	

m as per

5. Gardening purpose /tree plantation 213

5) The Applicant shall provide Specific Water Pollution control sy the conditions of EP Act, 1986 and rule made there under from Environmental Clearance / CREP guidelines.

M/s Clariant Chemical (1) Ltd, 113/114, MIDC Dhatav ,Roha, Raigad

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 erected following stack (s) and to observe the following fuel pattern-

Sr. Stack APC Stack Type of Guantity Sr. SO2	fu	iel pattern-				•		منسيي
A)Ex-Plant & Other :- 1	Sr.		APC	Stack	Type of	Quantity	$\mathbf{S}^{=0}$	SO_2
A)Ex-Plant Ex-Plant Caustic Scrubber Scrubbe	No.	Attached To	System	Height	Fuel	& UoM		Kg/Day
Table Caustic Scrubber Cau				in Mtrs.				
Table Caustic Scrubber Cau	A)Ex	-Plant & Other	:-					
Scrubber No-1 (LS Section A Scrubber (LS Section A Scrubber)			,	25	N.A	N.A	N.A	N.A
Case Caustic	_							
Scrubber			20102201		•			
Ex-Plant Scrubber No-2 (LS Plant Caustic Scrubber Scrubber Section C) Spray Drying Plant-1 Scrubber Spray Drying Water Scrubber Scrubber Scrubber Scrubber Scrubber Scrubber Stack								
Scrubber No-2 (LS Plant Central Scrubber Section C)			-			•		
CLS Plant Central Scrubber Section C) Subset Section C) Water Section C) Water Scrubber Section C) Water Scrubber Subset Subse	2		Water,	20	N.A	N.A	N.A.C	N.A
Central Scrubber Section C)		Scrubber No-2	Caustic				11	<i>5</i>
Scrubber Section C Spray Drying Water Plant-1 Scrubber Plant-2 Scrubber Plant-2 Scrubber Plant-2 Spray Drying Plant-2 Spray Drying Plant-3 Scrubber Plant-3 Scrubber Plant-3 Scrubber Plant-3 Scrubber Plant-3 P		(LS Plant	Scrubber				-19	
Section C Spray Drying		Central					(10.	
Spray Drying Plant-1 Scrubber Scrubber Spray Drying Water Plant-2 Scrubber Scrubber Spray Drying Plant-3 Scrubber Scrubber Spray Drying Plant-3 Stack Spray Drying Plant-3 Stack		Scrubber				· \	7	
Spray Drying Plant-1 Scrubber Scrubber Spray Drying Water Plant-2 Scrubber Scrubber Spray Drying Plant-3 Scrubber Scrubber Spray Drying Plant-3 Stack Spray Drying Plant-3 Stack		Section C)					✓	
Plant-1 Scrubber 22 N.A N.	3		Water	22	N.A	MA	N.A	N.A
Spray Drying Water Scrubber Strubber Stack						X		
Plant-2 Scrubber 26	4			22	NΑ	NA	N.A	N.A
5 Spray Drying Plant-3 Water Scrubber 26 N.A	4			22	~ ~	11		
Plant-3 Scrubber				26	N	NA	NΙΔ	NΔ
6 Air Heater-1 Stack 25 Furnace oil 85 Lit/Hr 4.5 183.6 7 Air Heater-2 Stack 26 Furnace oil 85 Lit/Hr 4.5 183.6 8 Air Heater-3 Stack 26 Furnace oil 85 Lit/Hr 4.5 183.6 9 S.D.Plant-2 Scrubber Scrubber Scrubber 25 N.A	Э			20		IV.A	14.71	14.21
7		Plant-3	Scrubber		\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \			
7			G. 1	05		05 I :4/II	4 5	100 6
8 Air Heater-3 Stack Furnace oil 125 Lit./Hr 4.5 270 9 S.D.Plant-2 Scrubber Water Scrubber 25 N.A N.A N.A N.A N.A 10 S.D.Plant-3 Scrubber Scrubber Water Scrubber 25 N.A N.A N.A N.A N.A N.A 11 Stack Scrubber Scrubber Scrubber Scrubber Scrubber Scrubber N.A N.A N.A N.A N.A N.A N.A 12 Sack attached to Scrubber Scrubber Scrubber Scrubber Caustic Scrubber Scrubber Scrubber Scrubber N.A	6	Air Heater-1	Stack	25	rurnace on	89 LIVIT	4.5	100.0
8 Air Heater-3 Stack Furnace oil 125 Lit./Hr 4.5 270 9 S.D.Plant-2 Scrubber Water Scrubber 25 N.A N.A N.A N.A N.A 10 S.D.Plant-3 Scrubber Scrubber Water Scrubber 25 N.A N.A N.A N.A N.A N.A 11 Stack Scrubber Scrubber Scrubber Scrubber Scrubber Scrubber N.A N.A N.A N.A N.A N.A N.A 12 Sack attached to Scrubber Scrubber Scrubber Scrubber Caustic Scrubber Scrubber Scrubber Scrubber N.A	7	Air Hontor-2	Stack	1351	Furnace oil	85 Lit/Hr	4.5	183.6
S.D.Plant-2 Scrubber Scrubb	'	All Heater-2	Diack	PAIN.	I dinace on	00 110111	1.0	100.0
S.D.Plant-2 Scrubber Scrubb	8	Air Heater-3	Stack	26/	Furnace oil	125	4.5	270
Scrubber			~	30		Lit./Hr		
Scrubber	9	S D Plant-2	Water	25	N.A	N.A	N.A	N.A
10 S.D.Plant-3 Scrubber 25 N.A	"			1				
Scrubber Scrubber Scrubber Stack Scrubber Stack Scrubber System Section B Scrubber Scrub	10				N A	NA	ΝA	N.A
11	10	i e		20	1	11.21	21.22	
Scrubber System Section B					NT A	NI A	NI A	NΙΔ
System Section B	11	1 ' * '			IN.A	N.A	N.A	11.5
Section B			C 15 %		1			
12 Stack Water Scrubber N.A N.A N.A N.A N.A	1		•					
13 Stack Caustic Solution 1 SS3 %		Section B					37.4	
13	12	Stack	1		N.A	N.A	N.A.	N.A
13 Stack attached to Solution 1 SS3 N.A			Scrubber					1
Attached to Solution 1 SS3 Solution 1	İ	R1000						
attached to Solution 1	13		Caustic		N.A	N.A	N.A	N.A
SS3		i .	1					
B)Pigment & Mill Plant 25 N.A			1					
Pigment Jet 5% 25 N.A N.A N.A N.A N.A N.A Scrubber Scru	B)Pi		L					
14 Scrubber Caustic Scrubber Pig. DCBH Water 22 N.A N.A N.A N.A N.A N.A Scrubber Pigment Water 22 N.A N.A N.A N.A N.A N.A Spray Drying Scrubber					T		<u> </u>	
14 Scrubber Caustic Scrubber Pig. DCBH Water Scrubber Scrubber Scrubber Pigment Water 22 N.A		Pigment Jet	1	25	N.A	N.A	N.A	N.A
Pig. DCBH Water 22 N.A N.A N.A N.A N.A Scrubber Scrubber 22 N.A N.A N.A N.A N.A N.A Scrubber	14	Scrubber	Caustic					
Pig. DCBH Water 22 N.A N.A N.A N.A N.A N.A Scrubber Scrubber 22 N.A N.A N.A N.A N.A N.A Scrubber Scrubber 22 N.A N.A N.A N.A N.A N.A N.A Scrubber S								
15 Scrubber Scrubber Pigment Water 22 N.A N.A N.A N.A N.A 16 Spray Drying Scrubber		Pig. DCBH		22	Ň.A	N.A	N.A	N.A
Pigment Water 22 N.A N.A N.A N.A N.A 16 Spray Drying Scrubber	15		1					
16 Spray Drying Scrubber	10			22	N.A	N.A	N.A	N.A
	16						-	
114110	10							
		1 I I IIII		<u> </u>		<u> </u>		

M/s Clariant Chemical (I) Ltd, 113/114, MIDC Dhatav ,Roha, Raigad

17	Pigment Air		25	Furnace oil	125	4.5	270
	Heater				Lit./Hr		
18	OBA Scrubber	Caustic	22	N.A	N.A	N.A	N.A
		Scrubber-					
		10%					
19	Dyes Scrubber	Water	25	N.A	N.A	N.A	N.A
	Mill Plant	Scrubber					
C)-N	ew Preparation	Plant					
20	Bag Filter	Bag Filter	15	N.A	N.A	N.A	N.A
20	stack	Dag I not	10				
D) I	Energies						
ן ביו	anci gies						
21	Boiler -1 &	Dust	26	Furnace	110 kg/Hr	4.5/0.06	237.6
	Boiler –2	collector		oil- B1/	1250	.0	
į				Briquette-	Kg/Hr	1/2	36.0
1				B2		~~	
- 22	Boiler - 3	Dust	26	Briquette	750 Kg/H	0.06/0.5	21.6
		collector	·	Agro Mass/	1125		
İ	,			Coal	Kg/Ha	V	270
23	Generator	Stack	15	High Speed	200 ht/Nr	1	
	Skoda			Diesel	XIA		96.0
24	Generator	Stack	14.35	High Speed	190 hit/Hr	1	
	Powerica			Diesel (11.	<u> </u>	91.2

2. The Applicant shall provide Specific Ajr Pollution control equipments as per the conditions of EP Act, 1986 and rule made there under from time to time.

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 .	
SO ₂ Process	Not to exceed	50 ppm.	
HCL	Not to exceed	35 mg/Nm ³	
NOx	Not to exceed	50 mg/Nm ³	
Acid Mist	Not to exceed	35 mg/Nm ³	

4. The Applicant shall obtain necessary prior permission for providing additional control equipment with necessary specifications and operation thereof of alteration or replacementalteration well before its life come to an end of 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).

M/s Clariant Chemical (I) Ltd, 113/114, MIDC Dhatav ,Roha, Raigad

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Schedule-III Details of Bank Guarantees

Sr. No.	Consent (C to E/O/R)	Amt of BG Imposed	Submissi on Period	Purpose of BG	Complian ce Period	Validity Date
1	C to R	Rs 10 lakhs	Within 15 days from the date of issue of consent	O & M of Pollution Control Systems	30.01.2017	30.05.2017
2	C to R	Rs 2 lakhs	Within 15 days from the date of issue of consent	To carry out treatability study of ETP and water audit from reknowned institute like NEERI, IIT	30.03.2014	30.06.2014

Manarashtra Polition

M/s Clariant Chemical (I) Ltd, 113/114, MIDC Dhatav ,Roha, Raigad

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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 birectorate 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 ooth 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 landful 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 30th June of every year.
- 10) An inspection took shall be opened and made available to the Board's officers during their visit to the applicant.
- 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.
- 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).
- 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.

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- 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
 - a. Noise from the D.G. Set should be controlled by providing an acoustic enclosure or by treating the room acoustically.
 - b. 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.
 - c. Industry should make efforts to bring down noise level due to DG set, outside industrial premises, within ambient noise requirements by proper sitting and control measures.
 - Installation of DG Set must be strictly in compliance with ecommendations d. of DG Set manufacturer.
 - e. A proper routine and preventive maintenance procedure for QQ set should be set which would help to and followed in consultation with the DG manufacture prevent noise levels of DG set from deteriorating with use

 - f. D.G. Set shall be operated only in case of power failure.
 g. The applicant should not cause any nuisance in the surrounding area due to operation of D.G. Set.
 - h. 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 deviction 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 31st 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, ture or the mode of the effluent/emissions or hazardous wastes or control ats 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. -0000-

