MAHARASHTRA POLLUTION CONTROL BOARD

Phone : 4010437/4020781 /4037124/4035273
Fax : 24044532/4024068 /4023516
Email : enquiry@mpcb.gov.in
Visit At : http://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

Consent order No:- Formate1.0/ BO/CAC-Cell/ EIC No PN-769-15/11th*CAC*-6452
Date- 16/05/2016

To,
M/s Alkyl Amines Chemicals Limited
Plot No. D-6/1 & D-6/2, MIDC,
Kurkumbh, Tal. - Daund,
Dist. - Pune-413 802

Subject: Consent to 1st Operate for expansion, renewal of existing consent and amalgamation with existing consent under RED category.

Ref : 1. Earlier Consent granted vide no. Formate.1.0/BO/CAC-Cell/EICNo.PN-21660-14/16th CAC-9444 dtd 13/10/2014.
2. Earlier consent no. Formate.1.0/BO/CAC-Cell/EICNo.PN-20155-13/5th CAC-5858 dtd 20.06.2014
3. Earlier consent no. Formate.1.0/BO/PAMS/EICNo.PN-12972-12/CAC-409 dtd 27.04.2012
4. Your application approved in CAC meeting held on 09.12.2015

Your application:CO1509000043
Dated: 21/07/2015
For: Consent to 1st Operate for expansion, renewal of existing consent 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 01.03.2016 up to 28.02.2018
2. The actual capital investment of amalgamation is Rs.186.84 Crs. (As per CA Certificate submitted by industry)

3. The Consent is valid for the manufacture of –

Sr. No.	Product/By- product Name	Short Name	Maximum Quantity in MT/A
A T0 E	ALIPHATIC AMINES, ALIPHATIC MIXED AMINES, AROMATIC AMINES, AROMATIC MIXED AMINES, OTHER MIXED AMINES		Total of Sr. Nos. (A- E) 25000 MT/YEAR
A	ALIPHATIC AMINES		
1	MONOMETHYL AMINE	MMA	
2	DIMETHYL AMINE	DMA	
3	TRIMETHYL AMINE	TMA	
4	MONOETHYL AMINE	MEA	
5	DIETHYL AMINE	DEA	
6	TRIETHYL AMINE	TEA	
7	MONOISOPROPYL AMINE	MIPA	
8	DIISOPROPYLAMINE	DIPA	
9	N-PROPYLAMINE	NPA	

10	Di-N- PROPYLAMINE	DNPA	
11	TRI-N- BUTYLAMINE	TNPA	
12	MONO-N- BUTYLAMINE	MNBA	
13	DI-N- BUTYLAMINE	DNBA	
14	TRI-N- BUTYLAMINE	TNBA/TBA	
15	2-ETYLHEXAYLAMINE	2-EHA	
16	BIS-2-CYCLOHEXYLAMINE	BIS-2-EHA	
17	MONO-CYCLOHEXYLAMINE	MCHA	
18	DI-CYCLOHEXYLAMINE	DCHA	
B	**ALIPHATIC MIXED AMINES**		
1	DIISOPROPYLETHYL AMINE (HUNIG'S BASE)	DIPEA	
2	DIMETHYL ISOPROPYL AMINE	DMIPA	
3	ETHYLMETHYL AMINE	EMA	
4	DIETHYLMETHYL AMINE	DEMA	
5	DIMETHYLCYCLOHEXYL AMINE	DMCHA	
6	N-ETHYLCYCLOHEXYL AMINE	NMIPA	
7	N-METHYLISOPROPYL AMINE	NMIPA	
8	DIISOPROPYLMETHYL AMINE	DMPA	
9	DIMETHYLBUTYLAMINE	DMBA	
10	DIMETHYLETHYLAMINE	DMEA	
11	ETHYLPROPYL AMINE	EPA	
12	N,N DIMETHYLPROPYL AMINE	DMPA	
C	**AROMATIC AMINES**		
1	N,N DIMETHYLBENZYL AMINE	BDMA	
2	1-METHYL-3- PHENYL PROPYL AMINE	MPPA	
3	FURFURYLAMINE	FFA	
4	BENZAYLAMINE	MBA	
5	DIBENZYL AMINE	DBA	
6	N-ETHYL BENZAYL AMINE	NEBA	
7	4-METHYL-N, N-DIMETHYLBENZAYL AMINE	4MBDMA	
8	BETA - PHENYLETHYLAMINE	PHEA	
9	ALPHA-PHENYLETHYLAMINE	APEA	
10	N-ISOPROPYL BENZENE AMINE	NIPBA	
11	1-(1NAPHTHYL) ETHYLAMINE	ANEA	
12	3,5DICHLOROANILINE	3,5 DCA	
13	PARA CUMIDINE	PCD	
D	**AROMATIC MIXED AMINES**		
1	THIOPHENE –2-ETHYLAMINE	THEA	
2	2-CYCLOHEXYLETHYLAMINE	CHEA	
3	PIPERIDINE	PIP	
4	TRANS-4-METHYLCYCLOHEXYLAMINE	4MCHA	
5	N-METHYLBENZYLAMINE	NMBA	
6	N-BENZYLETHANOLAMINE	NBEA	
E	**OTHER MIXED AMINES**		
1	METHOXYPROPYLAMINE	MOPA	
2	DIMETHYLAMINOPROPYLAMINE	DMAPA	
3	METHYLAMINOPROPYLAMINE	MAPA	
4	N-METHYL IMINO BIS PROPYL AMINE	MIBPA	
5	TETRAMETHYLENEDIAMINE	TMEDA	
6	TETRAMETHYL AMINO BIS PROPYL AMINE	TMBPA	
7	ETHOXY PROPYL AMINE	ETOPA	
8	ETOXYETHYL AMINE	EEA	

9	DIETHYLAMINOPROPYLAMINE	DEAPA	
10	ETHYLAMINOETHYL AMINE	EAEA	
11	DIMETHYLAMINO ETHYL AMINE	DMAEA	
12	1,3 PROPYLENE DIAMINE	1,3-DAP	
13	3- AMINOPROPANOL	3-AP	
14	HYDROXYNOVALDIAMINE/N-N BIS(-2HYDROXYETHYL) F-PHENYLENDIAMINE, SULPHATEPHENYLENEDIAMINESULPHATE	HND/HEPD SULPHATE	
15	N,N -BIS (2 AMMINOPROPYL) ETHYLENEDIAMINE	N-4 AMINE	
16	3-METHYLAMINO-1-PHENYL-1-PROPANOL	MAPP	
17	DIETHYL HYDROXYLAMINE	DEHA	
18	DIBENZYL HYDROXYLAMINE	DBHA	
19	ISOPROPYL HYDROXYLAMINE	IPHA	
20	N-ETHYL-1,2 – DIMETHYL PROPYLAMINE	EDMPA	
21	MIXED AMINES	MIXAMIN	
22	1,2 DIMETHYLPROPYLAMINE	1,2 DMPA	
23	TRIS – 2 – (ETHYL HEXYL) AMINE	TRIS-2-EHA	
24	3-(2ETHYLHEXOXY) PROPYLAMINE	EHOPA	
25	IMINOBISPROPYLAMINE	IBPA	
F	**BETAINES**		**1250 MT/Yr.**
G	**ALPHATICAMINEHYDROCHLORIDE**		**15000 MT/Yr**
1	DIMETHYLAMINE HYDROCHLORIDE	DMA HCL	
2	DIMETHYLAMINOPROPYLCHLORIDE HYDROCHLORIDE	DMAPC.HCL	
3	DIETHYLAMINE HYDROCHLORIDE	DEA HCL	
4	MONOMETHYLAMINE HYDROCHLORIDE	MMA.HCL	
5	2-CHLOROETHYLAMINE HYDROCHLORIDE	CEA.HCL	
6	TRIETHYLAMINE HYDROCHLORIDE	TEA.HCL	
7	TRIMETHYLAMINE HYDROCHLORIDE	TMA.HCL	
H	**ALIPHATICAMINEHYDROCHLORIDE SOLUTION**		**15000 MT/Yr.**
I	**AMIDES**		**500 MT/Yr.**
1	DIETHYLTOLUAMIDE	DEET	
2	DIETHYLPHENYL ACETAMIDE	DEPA	
J	**PEARLISING AGENT**		**500 MT/Yr.**
K	**HYDROGEN**		**600 MT/Yr.**
L	**RETESTING,REPACKING,RELABELING OF PRODUCTS PYRIMIDINE DERIVATIVES & TRICHOROMETHOXY BENZENE (CONTRACT MANUFACTURING)**		**100 MT/Yr.**
M	**SPECIALITY INTERMEDIATES**		**12400 MT/Yr.**
1	4-METHYLCYCLOHEXANONE	4 MCHN	
2	3 - METHOXYPROPANOL	3 MOPL	
3	DIMETHYL PROPYLENE UREA	DMPU	
4	1,8-DIAZABICYCLO (5.4.0) UNDEC – 7-ENE	DBU	
5	ETHYL PIPERAZINEDIONE	EDP	
6	B - DIMETHYLAMINOPROPIONITRILE	DMAPN	
7	ACETONITRILE	ALKAN	
8	N,N – DIMETHYL IMIDAZOLIDONE	DMI	
9	1,5-DIAZOBICYCLO (4.3.0) UNDECT- 5-ENE	DBN	
10	2-METHYL TETRAHYDROFURAN	2-MTHF	

11	PHENYL ETHYL ALCOHOL	PHEA	
12	2-METHYL RESORCINOL	3 MR	
N	**SODIUM ACETATE SOLUTION**		**3400 MT/Yr.**
O	**By- Products**		
1	SPENT CAUSTIC LYE		**5000 MT/Yr**
2	SPENT CATALYST		**15 MT/Yr**
3	DEET AQUEOUS LAYER		**90 MT/Yr**
4	SPENT AMINE SOLUTION		**40 MT/Yr**
5	SPENT AMMONIA SOLUTION		**620 MT/Yr**
6	SPENT SOLVENT (PURIFIED)		**1 MT/Yr.**
P	CAPTIVE CO-GENERATION POWER		**1.5 MW**

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**	**417.00**	**As per Schedule –I**	**Recycle 50% treated trade effluent in process/cooling towers and remaining discharged to CETP.**
2.	**Domestic effluent**	**48.00**	**As per Schedule –I**	**On land for gardening**

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	Ethylene Vent, MMP2	1	As per Schedule -II
2	H2 plant PSA vent	1	As per Schedule -II
3	Process HCL Scrubber	1	As per Schedule -II
4	DG1 (320 KVA)	1	As per Schedule -II
5	DG2 (1000 KVA)	1	As per Schedule -II
6	Bagasse/Coal Boiler	1	As per Schedule -II
7	Acetonitrile TFH 1	1	As per Schedule -II
8	Acetonitrile TFH 2	1	As per Schedule -II
9	New Bagasse/Coal Boiler	1	As per Schedule -II
10	Acetonitrile Plant Vent Gas	1	As per Schedule -II
11	TFH	1	As per Schedule -II
12	H2 plant TFH	1	As per Schedule -II
13	Incinerator	1	As per Schedule -II
14	Ethyl plant Vent	1	As per Schedule -II
15	SMPV vent	1	As per Schedule -II
16	MPP-3 vent	1	As per Schedule -II
17	HCl Scrubber	1	As per Schedule -II
18	DG 3 (1000KVA)	1	As per Schedule -II

6. **Conditions about Non Hazardous Wastes:**

Sr. no.	Type Of Waste	Quantity & UoM	Treatment	Disposal
1	Wood Pallets	6.00 MT/A	Nil	By Sale
2	Scrap Material	11.00 MT/A	Nil	By Sale
3	Carboys Plastic	1000.0 Nos./Year	Nil	By Sale
4	office paper waste	1.0 MT/A	Nil	By Sale
5	woven sack bag HDPE	1.0 MT/A	Nil	By Sale
6	Drums	2700.00 Nos./Yr.	Nil	By Sale
7	Boiler ash from bagasse	3000.00 MT/Yr.	Nil	By Sale
8	Boiler ash from coal(Indian)	86.00 MT/day	Nil	Sale to Brick Manufacturer
9	Boiler ash from coal (Imported)	18.00 MT/day	Nil	Sale to Brick Manufacturer

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	Contaminated aromatic aliphatic or Naphthenic Solvent	20.1	48.5	MT/Y	---	Incineration in factory / CHWTSDF/ authorized co-processor
2	Ash from Incineration hazardous Waste	36.2	2.0	MT/Y	---	CHWTSDF
3	Spent Carbon	35.3	3.0	MT/Y	---	Incineration in factory
4	Toxic metal containing residue from water purification	34.2	4.0	MT/Y	---	Landfill after bagging
5	Distillation Residue	20.3	330.0	MT/Y	---	Incineration in factory / CHWTSDF/ authorized co-processor
6	Chemical containing Residue	33.1	11.0	MT/Y	---	ETP
7	Used/Spent oil	5.1	11.0	MT/Y	---	Sale to MPCB authorized party

8	Spent organic solvents	28.5	250.0	MT/Y	---	Sale to MPCB authorized party/ CHWTSDF/ authorized co-processor
9	Discarded containers/barrels/liners	33.3	300	Nos./ M	---	Sale to MPCB authorized party/ return to party
10	Chemical Sludge from waste water treatment/Bio sludge	34.3	336.0	MT/Y	---	CHWTSDF/ Incineration
11	Wastes/Residue containing oil	5.2	2.0	MT/Y		Incineration in factory / CHWTSDF/ authorized co-processor

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. 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.**
10. **Industry shall obtain affidavit from vendors stating that the by-product purchased from Project Proponent is used as raw materials in their respective industries.**
11. **Industry shall submit BG of Rs 2 lakhs for the compliance of point no 10 & 11.**
12. **Industry shall comply with the conditions stipulated in Environmental Clearance granted by GoM vide No. SEAC -2014/CR-387/TC-2 dtd.31.03.2015.**
13. **Industry shall carry out treatability study of ETP and submit the report by 31.07.2016 and submit double the amount of BG i.e Rs 4 lakh towards the same.**
14. **Industry shall recycle 50% treated trade effluent in process/cooling towers and remaining shall be discharged to CETP.**

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	The balance fees of Rs 109520/- as per the consent no Formate.1.0/BO/CAC-Cell/EICNo.PN-21660-14/16th CAC-9444 dtd 13/10/2014 is considered at the time of this renewal.			
2	7,38,040/-	054538	28.11.2015	Axis Bank

Copy to:

1. Regional Officer –Pune and Sub-Regional Officer-Pune-II, MPCB. Pune:They are directed to ensure the compliance of the consent conditions. Out the existing BG of Rs 5 lakh obtained towards compliance of consent conditions, BG of Rs 2 lakh shall be forfeited towards not recycling part of treated trade effluent in cooling towers. The existing BG of Rs 10 lakh obtained towards not to take effective steps before obtaining Environmental Clearance shall be returned as industry has obtained the Environmental Clearance vide letter dated 31.03.2015 and 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 2 nos of ETP of capacities of 100 CMD each. Out of 417 existing effluent generated, 256 CMD from Boiler and cooling tower blow down is disposed of to CETP after check of pH. Remaining effluent i.e. 161 CMD from process and washing is treated in ETPs primary, secondary and tertiary treatment.

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 as per EP Act,1986
		Limiting Concentration in mg/l, except for pH
01	pH	5.5 to 9.0
02	Oil & Grease	10
03	COD	250
04	BOD (3 days 27°C)	100
05	Total Dissolved Solids	2100
06	Suspended Solids	200
07	Chloride	600
08	Sulphate	1000
09	TAN	50
10	Phenolics Compound	1.0

C) Industry shall recycle 50% treated trade effluent in process/cooling towers and remaining shall be discharged to CETP.

2. A.] As per your consent application, you have provided the sewage treatment plant (STP) system with the design capacity of 50 CMD.

B] The Applicant shall operate the sewage treatment system to treat the sewage so as to achieve the following standards/ prescribed under EP Act, 1986 and Rules made there under from time to time, whichever is stringent.

(1)	Suspended Solids.	Not to exceed	50	mg/l.
(2)	BOD 3 days 27°C.	Not to exceed	30	mg/l.
(3)	COD	Not to exceed	100	mg/l.

C] The treated water from sewage treatment plant shall be used as for gardening and Sludge from STP shall be used as manure for plant and trees.

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 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	1452.00
2.	Domestic purpose	49.00
3.	Processing whereby water gets polluted & pollutants are easily biodegradable	140.00
4.	Processing whereby water gets polluted & pollutants are not easily biodegradable and are toxic	—
5	Gardening	200.00

5) 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_2 Kg/Day
1	Ethylene Vent, MMP2	Stack	15.00	NA	..	NA	—
2	H2 plant PSA vent	Scrubber	15.00	NA	..	NA	—
3	Process HCL Scrubber	Scrubber	6.00	NA	..	NA	—
4	DG1 320 KVA	Stack	3.60	HSD	60 Lit/hr	0.30	6.9
5	DG2 1000 KVA	Stack	7.82	HSD	210 Lit/hr	0.30	24.2
6	Bagasse/Coal Boiler	ESP	60.00	Bagasse/ Imported coal/Indi an Coal	11.7/4.85/ 6.56 Mt/hr	0.01/ 1.25/ 0.5	56.16/ 2910/ 1574
7	Acetonitrile TFH 1	Stack	24.00	FO	76 Kg/hr	4.00	145.92
8	Acetonitrile TFH 2	Stack	31.00	FO	125 Kg/hr	4.00	240.00
9	New Bagasse/Coal Boiler	Dust Collector	42.00	Bagasse/ Imported coal/Indi an Coal	5.0 / 2.65 / 3.65 Mt/hr	0.01/ 1.25/ 0.5	24.0/ 1590/8 76
10	Acetonitrile Plant Vent Gas	Scrubber	12.00	NA	..	NA	NA
11	TFH	Stack	26.50	FO	70 Kg/hr	4.00	134.4
12	H2 plant TFH	Stack	15.00	Methano l/ CO/ CO2/ H2	55 Kg/hr	NA	---
13	Incinerator	Scrubber	30.00	HSD	20 Kg/hr	0.30	2.88
14	Ethyl plant Vent	Scrubber	24.00	NA	..	NA	--
15	SMPV vent	Scrubber	12.00	NA	..	NA	---
16	MPP-3 vent	Scrubber	12.00	NA	..	NA	---
17	HCl Scrubber	Scrubber	6.50	NA	..	NA	---
18	DG 3 1000KVA	Stack	7.82	HSD	243Lit/hr	0.30	34.99

Industry shall burn ethylene gas = 100 Kg/Hr generated from ethylene vent in the boiler/ flare using safe arrangement.

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.
SO_2 Process	Not to exceed	50 ppm
NOx	Not to exceed	50 ppm
NH_3	Not to exceed	50 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).

Schedule-III
Details of Bank Guarantees

History of BG

Sr. No.	Consent (C to E/O/R)	Amt of BG to be forfeited	Purpose of BG to be forfeited
1	C to O	Rs 2 lakh out of Rs 5 lakh	Industry is not recycling part of treated trade effluent in cooling towers.

Proposed BG

Sr. No.	Consent (C to E/ /R/O)	Amt of BG Imposed	Submission Period	Purpose of BG	Compliance Period	Validity Date
1	C TO O	Rs 4 lakh (Top-up). Hence total BG shall be 7 lakh (4+3)	Within 15 days from the date of issue of consent.	Compliance of consent conditions	28.02.2018	30.06.2018
2	C TO O	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 Project Proponent is used as raw materials in their respective industries.	28.02.2018	30.06.2018
3	C to O	Rs 4 lakhs	Within 15 days from the date of issue of consent.	Industry shall carry out treatability study of ETP and submit report by 31.07.2016	31.07.2016	30.11.2016

*The BG of Rs 5 lakh towards compliance of consent conditions shall be extended for a period upto 30.06.2018.

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.
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 30th 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
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.
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.
   d) Installation of DG Set must be strictly in compliance with recommendations of DG Set manufacturer.
   e) 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
   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 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 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, 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 dt. 16.11.2009 as amended.

---0000---