# MAHARASHTRA POLLUTION CONTROL BOARD

4010437/4020781 Phone :

/4037124/4035273

24044532/4024068 /4023516 Fax

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 :- Formate 1.0/BO/CAC-Cell/EIC No KP-17820-15/14th CAC/265 - A Date-16/07/2016

M/s Gharda Chemicals Limited, D-1/2 & B-1/7, MIDC, Lote Parshuram, Tal. Khed, Dist Ratnagiri, Maharashtra -415 722

Subject: Amendment in existing consent to operate for change in product-mix under RED category.

Ref: 1. Existing Consent granted vide no. Formate 1.0/BO/CAC-Cell/EIC No KP-17820-15/14th CAC/2651 dated 23.02.2016 which is valid upto 31.07.2020.

2. Your application approved in CAC meeting held on 08.07.2016.

Your application: CR1512000042

Dated: 03.11.2015

For: Amendment in existing consent to operate for change in product-mix 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 to 31.07.2020.

2. The actual capital investment of the industry is Rs.661.23 Crs. (As per C.A. certificate submitted by industry).

3. The Consent is valid for the

Sr. No.	ent is valid for the manufacture of –  Products	Production Quantity in MT/Annum.
1.	Anilofos*, Diuron*, Cartap Hydrochloride*, Dicamba*	1200
	OR Alpha Naphthoxy-N-N-Diethyl Propionamide (ANDPA)	600
1	OR	300
	Triclopyr * (TCP) &  Meta Phenoxy Benzoyl Alcohol (MPBA)	120
	OR Fipronil*	76.8
	OR	1200
	Mepiquat Chloride* OR	
	Imazethapyr*, Mesotrione*, Azoxystrobin*, Pyraclostrobin*	348
	Sub Total 1	3844.8
2.	Cypermethric Acid Chloride, Cypermethrin*, Alphamethrin*,	6120

	Permethrin*, Deltamethrin*,	
	Chlorpyriphos* (98%), Chlorpyriphos	
1	Methyl*, Triclopyr Ester*,	
	Diflubenzuron*, Diuron*	
	OR	600
	Fipronil*	000
	OR Componenthyic Acid Chloride &	1200
	Cypermethric Acid Chloride & Cypermethrin* & Alphamethrin*, Cartap Hydrochloride*	1200
	And	
	Vanillin & or its intermediates Oxalic Acid and Glyoxylic Acid	2700
	And	
	Dicamba*	7860
	Sub-Total 2	18480
	Diflubenzuron* & Metazachlor*	360
3.	OR	
	It's intermediate Pyrazole	360
	OR OR	
	Metamitron*, Propiconazole*, Diuron*, Cartap Hydrochloride*	1200
117	&	
BIRT	Deltamethrin*	120
	OR	
	Indoxacarb * (S Isomer)	480
	OR	
THE STATE OF	Oryzalin*	204
	OR-	
J. Park	Fipronil*	648
	And	
Frank.	Dicamba*	1320
HA BY	Sub-Total 3	4692
4.	Temephos*, Diuron*	216
	Sub-total 4	216
5.	Mepiquat Chloride*, Pyriproxyfen*	40.8
	Sub-total 5	40.8
6.	Polymer	
6.	a] PMMA	300
1	b] Co Polymer of Methyl Styrene & Acrylonitrile	300 ·
	OR	100
	a] Poly Ether Ketone (PEK)	180
	b] Poly Ether Nitrile (PEN)	180
	Sub-total 6	960
7	Cartap Hydrochloride*, Diflubenzuron*, Pyriproxyfen*, Diuron*, Cartap Hydrochloride*	216
1 - 10	OR	
100	Dicamba*	132
	Sub-total 7	348
8	Chloropyriphos* (98%), Chloropyriphos Methyl*, Triclopyr Ester*, Diuron*,	14400

	Dicamba*, Cartap Hydrochloride*	
	And	1000
	Fipronil*	1980
	Sub-total 8	16380
)	Acephate*, Diflubenzuron*, Diafenthiuron*, Thiophanate Methyl*, Diuron*, Cartap Hydrochloride*	204
	OR	
WEIGH	Indoxacarb* (S Isomer)	120
Will.	OR	
THE S	Ethyl Chloride	180
	OR	
	Phase Transfer Catalyst (PTC)	240
	OR	
MUNICIPAL PROPERTY.	Chlorpyriphos*	54
Trods	OR	
	Dicamba*	192
	Sub-total 9	990
10	Poly Ether Sulfone	504
	&	
	Poly Sulfone	
	OR	
	Poly Aryl Ketone (PAEK) Acid	120
	Sub-total 10	624
11	5-Amino Salicylic Acid (5 ASA)	96
12	R & D Activities	
13	Pesticide Formulations # ( Liquid & Solid )	15480
14	Pilot plant to demonstrate less polluting novel route for producing following metals from their ores – a] Aluminum	720
	b] Titanium	720
	Total	63591.6

Note: (\*) Product along with its formulations

(#)Formulations from own technical products or by procuring technical products from outside.

Sr. No.	By-products	Capacity (MT/A or KL/A)
1	Sodium Sulphide & Sodium Bisulphide	300
2	Hydrochloric Acid	16042.3
3	Ammonia Aqueous Solution	2304
4	Sodium Sulphite / Sodium Bisulphite / Sodium Sulphate Solution	3590.1
5	Spent Sulphuric Acid	27893.7
6	Sodium Chloride	702.9
7	Potassium Chloride	9408
8	Dichloro Phenol Coupling Product	1672.7
9	Dil. Nitric Acid	38

10	Sodium Carbonate	283.8
11	Acetic Acid	125
12	Zinc Hydroxide	978.2
13	Succinimide	222.4
14	Methyl Chloride	6451.2
15	Unreacted NaTCPOL	102.9
16	Bromo Benzene	18476.3
17	Ammonium Hydroxide	240
18	Aluminium Chloride Solution	1560
19	2-Chloropyridine	1.6
20	Mixture of HBr & KBr	139.7
21	Impure Solvent	300
22	Inorganic Salt Mixture (mainly NaCl + Na <sub>2</sub> SO <sub>4</sub> )	2520
	Total	93352.8

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	831	As per Schedule –I	CETP
2.	Domestic effluent	87	As per Schedule -I	CETP

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 (three), Incinerator & Calcinator	1 ( Common stack)	As per Schedule -II
2.	D.G. set (6 nos.) (750 KVA * 2, 1000 KVA * 3, 1250 KVA * 1)	6	As per Schedule -II
3.	Thermic Fluid Heater	1	As per Schedule -II
4.	Process stacks	7	As per Schedule -II
5.	R & D boiler & Hot oil Unit	1	As per Schedule -II

# 6. Conditions about Non Hazardous Wastes:

Sr.	Type Of Waste	Quantity & UoM	Treatment	Disposal
1	Boiler Ash	6.5 MT/day	N.A.	Sale to Brick manufacturer
2	Packing material (Paper & Wood)	0.1 MT/day	N.A.	Incineration / Sale to the party

3	Civil Debris	0.3 MT/day	N.A.	Landfilling inside the factory
4	Insulation material (recyclable)	0.5 MT/day	N.A.	Sale to the party
5	MS Scrap	0.5 MT/day	N.A.	Sale to the party
6	Rubber Hand Gloves	0.1 MT/D	N.A.	Incineration/Sale

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

	Type Of Waste	Category	Quantity	UOM	Treatment	Disposal
No.	Residue of fluid or pasty organic material made with halogen containing hydrocarbon From Dombivli Unit	20.3	500 80	MT/A	SKI OF	Own Incineration ( Rotary Kiln Type) within premises/Sale as by-product OR Incineration at CHWTSDF/Sent to authorized recycler or reprocessor
2	Residue of fluid or pasty organic material made with arp,atoc;aliphatic or napthenic hydrocarbon	20.1	395	MT/A		
33	From Dombivli Unit		1000			
3	Residue from organic material	36.4	150	MT/A		
4	Chemical sludge from wastewater treatment.	29.2	750	MT/A	-	Secured landfill CHWTSDF
5	Sludge from incineration of exclusively chemical waste	36.1	200	MT/A		
6	Fly Ash from incinerator of hazardous waste except exclusively communal sewage	36.2	250	MT/A		

	sludge flue gas cleaning residues	333				
7	Spent oil From Dombivli Unit	5.1	250 7.5	MT/A		Own Incineration (Rotary Kiln Type) within premises/Sale as by-product OR Incineration at CHWTSDF/Sent to authorized recycler or reprocessor
8	Discarded containers / barrels	33.3	8000	Nos/A	-	Sale to party after decontamination.
9	Contaminated cotton waste  From Dombivli Unit	5.2	3.5	MT/A		Incineration within premises/ Incineration at CHWTSDF
10	Contaminated Saw	29.1	5	MT/A	-(100)	
	Dust From Dombivli Unit		4.8	200		Incineration within premises/ Incineration at CHWTSDF
	From Kherdi Unit		2.5			
11	Date-expired & Off Specification Pesticides. From Dombivli Unit	29.3	342 10	MT/A		Own Incineration (Rotary Kiln Type) within premises/Incineration at CHWTSDF
12	Spent activated carbon & from Dombivli Unit	28.2	47.9	MT/A		Own Incineration (Rotary Kiln Type) within premises/Sale as by-product OR Incineration at CHWTSDF/Sent to authorised recycler or reprocessor
13	Electronic Waste	Schedul e IV	3.0	MT/A		To be given to MPCB authorized recycler.
14	Discarded asbestos	15.2	0.1	MT/A	1	To be given to supplier/recycler

- 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. 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.
- 11. Industry shall obtain affidavit from vendors stating that the by-product purchased from PP is used as raw materials in their respective industries.
- 12. Industry shall transfer the effluent (125 CMD) generated from the co-gen plot F1/1 for treatment by reverse osmosis installed on main plot No. D1/2, The permeate (100 CMD) generated will be sent back to the cogen plot No. F1/1 and reject (25 CMD) will be treated in ETP on main plot No. D1/2. Running of RO plant located on plot No. F1/1 will not be operated.
- 13. The consent is issued in accordance with MoEF, Govt. of India circular dated December 14, 2006 stating that in cases of change of product-mix, changes in the quantities or the numbers of product may be allowed without E.C. by the concerned SPCB provided such changes in the quantities of product are in the same category and are with the previously granted overall total limits.
- 14. The consent is granted as per no increase in pollution load certificate dated 25.05.2016 issued by ICT, Mumbai and as per the product-wise water, effluent and residue details due to change in product-mix submitted by the industry.
- 15. This consent is granted by overriding consent no Existing Consent granted vide no. Formate 1.0/BO/CAC-Cell/EIC No KP-17820-15/14th CAC/2651 dated 23.02.2016

For and on behalf of the Maharashtra Pollution Control Board

> (P.K.Mirashe) Member Secretary

Received Consent fee of-

Sr. No.	Amount (Rs.)	D.D. / Cheque No.	Date	Drawn On
1	6061275	771609	28.10.2015	Canara Bank
2	262800	268447	28.10.2015	Canara Bank
3	100	268448	28.10.2015	Canara Bank
1	375000	268945	03.12.2015	Canara Bank
9	194685	268946	03.12.2015	Canara Bank

The balance fees Rs. 63015 with the Board will be considered at the time of next renewal of consent.

#### Copy to:

- a) Regional Officer-Kolhapur and Sub-Regional Officer- Chiplun, MPCB:They are directed to ensure the compliance of the consent conditions.
- b) Chief Accounts Officer, MPCB, Mumbai.
- c) 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 combined Effluent Treatment Plant (ETP) for Trade effluent & Domestic effluent with the design capacity of 1200 CMD.
  - B] The Applicant shall operate the combined 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) in consent
01	рН	6.5-8.5
02	Oil & Grease	10
03	BOD (3 days 27°C)	100
04	Total Ammonical Nitrogen	50
05	Bioassay Test	90% survival of fish after first 96 hrs in 100% effluent
06	Free Ammonia	5
07	Pesticide	Nil
8	Cyanide	0.20
9	Phenolics (C6H5OH)	5.0
10	Sulphide (as S)	5.0
11	Suspended Solids	100
12	COD	250

- C) The treated effluent shall be discharged to the CETP -918 CMD.
- 2) A.] As per your consent application, you have provided septic tank and soak pits. From soak pits, it is pumped to 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) Other conditions: Condition for transportation of high COD effluent to M/s PRIA CETP, Patalganga, Dist Raigad.
  - a. Total quantity of effluent to be transported shall not exceed 20 KLD.
  - b. Transportation of effluent by road is full responsibility of industry.
  - c. Proper manifest records of the transportation shall be maintained.
  - d. The industry shall maintain all the necessary records and submit it to board regularly, along with copy to Regional officer, Kolhapur/ Sub regional officer, Chiplun.
- 4) 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

Page 8 of 14

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.

- 5) 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.
- 6) 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.	Purpose for water consumed	Water consumption quantity (CMD)
1.	Industrial Cooling, spraying in mine pits or boiler feed	1244
2.	Domestic purpose	111
3.	Processing whereby water gets polluted & pollutants are easily biodegradable	381
4.	Processing whereby water gets polluted & pollutants are not easily biodegradable and are toxic	00
5	Gardening	25

7) 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.

my.

#### 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.	Stack Attached To	APC System	Height in Mtrs.	Type of Fuel	Quantity & UoM	S %	SO <sub>2</sub> Kg/Day
No.	cess stacks / ven		III MILIS.	ruer	<b>W</b> 0011		III, Duy
1	Chlorination process (Cl, HCl)	Scrubber	36	NA	NA	NA	NA
2	Bromination (Br, HBr)	Scrubber	36	NA	NA	NA	NA
3	Sulphonation (SO2)	Scrubber	36	NA	NA	NA	NA
4	Anilophos (H2S)	Scrubber	32	NA	NA	NA	NA
5	Cypermethrin (CN)	Scrubber	36	NA	NA	NA	NA
6	Dicamba process (MeCl)/DME	Scrubber	35	NA	NA	NA	NA
7	Ammonolysis	Scrubber	35	NA	NA	NA	NA
Util	ity stacks		11111				
1	Thermic Fluid heater	Stack	28.4	FO	750 MTM OR	1.0 to 3.0	1500
2	Boiler 1,2,3, + Incinerator +Calcinator	Spray cooler & Venturi Scrubber	50	LSHS/FO OR LSHS/FO +Bagasse/ Briqated solid fuel/Wood Chips/Coa 1	316 MTM +1944 MT/Month	OR 0.5 to 3.0	
3	D.G.Set (750 KVA)	Stack	6.3	HSD	1 TPH In case of	1.0	480
4	D.G.Set ( 1000 KVA) 3 Nos.	Stack	6.3 (each)		power failure only		
5	D.G.Set ( 750 KVA)	Stack	7.0				
6	D.G.Set (1250 KVA)	Stack	7.0				1
7	R & D boiler	Stack	16	LDO	16 Kg/Hr	1.8	13.8
8	Hot oil Unit	Stack	I STATE OF	LDO	7 Kg/Hr	1.8	6

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.

Page 10 of 14

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:

A. From Boiler sta	ick			
Particulate matter	Not to exceed			
NOX	Not to exceed	50 ppm		
B. From Process st	tacks			
SO <sub>2</sub> / NOx / NH3	Not to exceed			
HCl/HBr	Not to exceed	35 mg/Nm <sup>3</sup>		
Cl / Br	Not to exceed	3 ppm		
NH <sub>3</sub>	Not to exceed	50 ppm		
H2S	Not to exceed	10 ppm		
Cyanide	Not to exceed	5 ppm		
Methyl Chloride/DME	Not to exceed	50 ppm		
C. From Incinerate	or Stack			
		6.	Sampling duration in Minutes	
TPM	Not to exceed	50 mg/Nm <sup>3</sup>	30	
SO2	Not to exceed	200 mg/Nm <sup>3</sup>	30	
HCl	Not to exceed	50 mg/Nm <sup>3</sup>	30	
CO	Not to exceed	100 mg/Nm <sup>3</sup>	30	
TOC	Not to exceed	20 mg/Nm <sup>3</sup>	30	
HF	Not to exceed	4 mg/Nm <sup>3</sup>	30	
NOx	Not to exceed	400 mg/Nm <sup>3</sup>	30	
Total Dioxins & Furans	Not to exceed	0.1 ug/TEQ Nm³	8 Hrs	
Heavy metals Cd+Th	Not to exceed	0.05 mg/Nm <sup>3</sup> .	2 Hrs	
Hg	Not to exceed	0.05 mg/Nm <sup>3</sup> .	2 Hrs	
Sb+As+Pb+Cr+Co+ Cu+Mn+Ni+V	Not to exceed	0.05 mg/Nm <sup>3</sup> .	2 Hrs	

- 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

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. 5 Lacs	Submitted	O & M of pollution control systems	31.07.2020	30.11.2020
2	C to R	Rs. 10 Lacs	Submitted	Against a) submission of comprehensive study report regarding process detail, products/byproduct, effluent generation and effluent treatment report which is most suitable to the unit b) provide thin film evaporator and incinerator by 31.3.2014 c) submission of monthly progress report regarding thin film evaporator and incinerator.	31.07.2020	30.11.2020
3	C to R	Rs. 2 Lacs	Submitted	1.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.  2.Industry shall obtain affidavit from vendors stating that the byproduct purchased from PP is used as raw materials in their respective industries.		30.11.2020

#### 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 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.

Page 13 of 14

- 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 dtd. 16.11.2009 as amended.

