



GHARDA CHEMICALS LIMITED

Unit- 5, D- 1/1 MIDC Lote Parshuram, Tal. Khed, Dist. Ratnagiri. Maharashtra (INDIA) - 415 722. Tel.: (02356) 664000.

GCL/L/MoEFCC/06/12/24

01.12.2024

Addl. Principal Chief Conservator of Forests (C),
Ministry of Env., Forest and Climate Change
Regional Office (WCZ), Ground Floor
East Wing, New Secretariat Building,
Civil Lines, Nagpur-440001

Sub: Submission of six monthly compliance of Environmental Clearance obtained for proposed establishment of Synthetic Organic Chemicals Manufacturing Unit by M/s. Gharda Chemicals Limited, (Unit no. 5) at Plot No. D-1/1, MIDC Lote Parshuram, Taluka Khed, Dist Ratnagiri-415 722.

Ref: 1.Environmental Clearance no. SEIAA-EC-0000002261 Dated 11.06.2020.
2. MoEF&CC circular F. No. IA3-22/1/2022-IA-III [E- 172624] dated 14.06.2022 regarding Submission of six monthly report on Parivesh portal.

Respected Sir,

We refer to the above-mentioned file no.(Ref.1)vide which Environmental Clearance (E.C.) was granted to us.

In compliance with the condition no.3. General condition/ xxiv mentioned in the E.C., we hereby inform you that we have started project activities, i.e. construction of boundary wall, internal roads & civil structures at the site from April 2019 and we have not started any manufacturing activity.

We have been attempting to upload Six monthly monitoring report on the PARIVESH portal for the period of **April 2024 to September 2024** since **28.11.2024**, but we encountered the issue of E-KYC update prior to final submission. However, we attempted many times to update the KYC after filling all mandatory fields and submit but it did not work. Eventually we raised the ticket at Parivesh portal with complaint ID **TIC-24021106**. We are hereby sending our offline Six monthly report and assure you to submit online one as soon as Parivesh portal issue is resolved.

This is for your information and reference please.

Thanking you,

Yours faithfully,

R. C. Kulkarni
Vice President – Operations

[2]

- CC: 1) **Hon'ble Secretary,**
Environment Department, (Govt. of Maharashtra), Room No. 217, 2nd Floor, Mantralaya Annex,
Mumbai-400 032.
- 2) **Hon'ble Member Secretary,**
Maharashtra Pollution Control Board, Kalpataru Point, 3rd and 4th floor, Opp. PVR Cinema, Sion
Circle, Mumbai-400 022
- 3) **The Director, Monitoring Cell,**
Ministry of Environment, Forests & Climate Change,
Indira Paryavaran Bhawan, Jorbagh Road, Aliganj, New Delhi – 110 003.
- 4) **Hon'ble Regional Director,**
Central Pollution Control Board,
Survey No. 110,
Dhankude Multi Purpose Hall,
Baner Road, Baner,
Pune – 411 045
Maharashtra.

Six Monthly EC Compliance Report

A - Six Monthly Monitoring Report - DATA SHEET

Monitoring the Implementation of Environmental Safeguards

**Addl. Principal Chief Conservator of Forests (C),
Ministry of Env., Forest and Climate Change
Regional Office (WCZ), Ground Floor
East Wing, New Secretariat Building,
Civil Lines, Nagpur-440001**

File No. SEIAA-EC-000002261 (Maharashtra)

From April 2024 to September 2024

S. No.	Particulars	Project Details
1	Project Type : River-Valley / Mining Industry / Thermal / Nuclear / other (Specify)	: Synthetic Organic Chemical Industry. Project Category :(Sch. 5(f) Cat. B)
2	Name of the Project	: Environment Clearance for Proposed establishment of Synthetic Organic Chemicals Manufacturing Unit at Plot No. D-1/1, MIDC Lote Parshuram, Taluka Khed, Dist Ratnagiri, By Gharda Chemicals Limited, (Unit no. 5)
3	Clearance Letter(s)/ OM No. & Date	: SEIAA-EC-000002261 dated 11.06.2020
4	Location	: Plot No. D-1/1, MIDC Lote Parshuram, Taluka Khed, Dist Ratnagiri, By Gharda Chemicals Limited, (Unit no. 5)
	a]. District (s)	: Ratnagiri
	b]. State (s)	: Maharashtra
	c]. Latitude / Longitude	: 17°37' 27.34" N 73° 28' 56.63" E
5	Address for Correspondence	: Gharda Chemicals Limited. Plot No. D-1/2, B-1/7, MIDC Lote Parshuram, Tal.-Khed, Dist. Ratnagiri. Maharashtra 415722.
	a]. Address of Concerned Project Chief Engineer With Pin code & Telephone / Telex / Fax Numbers.	: Mr. R. C. Kulkarni Vice President – Opeartions Gharda Chemicals Limited. Plot No. D-1/2, B-1/7, MIDC Lote Parshuram, Tal.-Khed, Dist. Ratnagiri. Maharashtra 415722.Ph :02356 664100, Mobile – 74477 91632

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	b]. Address of Executive Project Engineer / Manager (with Pin code / Fax Number)	:	Mr. Niren A. Bhalerao Dy. General Manager - Environment & Regulatory, Gharda Chemicals Limited Plot No. B-27/29, MIDC Phase-I, Dombivli (East), taluka Kalyan, Dist. Thane. Maharashtra. 421 203
6	Salient Features		
	a]. Of the Project	:	Synthetic and Organic Chemicals manufacturing unit having capacity of 1, 50,850 MT/Annum.
	b]. Of the Environmental Management Plans	:	Budget allocated for environmental management plan (EMP) is as under. <ol style="list-style-type: none"> 1. Budgetary allocation at construction phase: Rs. 0.4 Cr. 2. Capital cost towards Pollution control measures: Rs. 24.55 Cr. 3. Recurring cost towards Pollution control measures: Rs.16.1 Cr/Annum

A. Salient Features of project:

Components	:	Proposed Scenario																								
EC No.	:	SEIAA-EC-0000002261 dated 11.06.2020																								
Environmental Clearance accorded for –	:	Setting up of Synthetic and Organic Chemicals manufacturing unit having capacity of 1, 50,850 MT/Annum.																								
Power Requirement	:	1 MVA during Construction; 10 MVA during Operation phase and DG set 4 Nos. of 1510 KVA.																								
Source of Power	:	MSEDCL																								
Fresh Water requirement	:	1000 CMD (Total water requirement of 2279 CMD)																								
Source of Water Supply	:	MIDC																								
Wastewater Generation	:	1269 CMD (Trade Effluent :1234 CMD Domestic :35 CMD)																								
Recycled water	:	1279 CMD																								
Process Emissions & Control Measures Provided.	:	Process Emissions details : <table border="1" style="margin-left: 20px;"> <thead> <tr> <th>S.N</th> <th>Stack No.</th> <th>Type of emission</th> <th>Control measures</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>S-5</td> <td>SO₂</td> <td>Alkali scrubber</td> </tr> <tr> <td>2</td> <td>S-6</td> <td>NO_x</td> <td>Acid scrubber</td> </tr> <tr> <td>3</td> <td>S-7</td> <td>HCl</td> <td>Alkali scrubber</td> </tr> <tr> <td>4</td> <td>S-8</td> <td>NO_x</td> <td>Acid scrubber</td> </tr> <tr> <td>5</td> <td>S-9</td> <td>Cl₂</td> <td>Alkali scrubber</td> </tr> </tbody> </table>	S.N	Stack No.	Type of emission	Control measures	1	S-5	SO ₂	Alkali scrubber	2	S-6	NO _x	Acid scrubber	3	S-7	HCl	Alkali scrubber	4	S-8	NO _x	Acid scrubber	5	S-9	Cl ₂	Alkali scrubber
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5	S-9	Cl ₂	Alkali scrubber																							

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Flue Gas Emission & Control Measures Provided.	:	Flue Gas Emission details.			
		S.N	Stack No	Type of emission	Control measures
		1	S-1	SO ₂ , NO _x , PM	Adequate stack height is provided.
		2	S-2		
		3	S-3		
	4	S-4			
Solid Waste Management	:	Recyclable waste will be given to MPCB authorized Vendors. Organic waste will be utilized for composting.			
Hazardous Waste Management	:	Project is in construction phase, Hence, there is no generation of Hazardous waste, Bio-Medical waste, E-waste and Used Battery.			
Fuel Consumption	:	HSD 1160 Lit/Hr (Only In case of power failure)			
Cost of the project	:	313.95 Crore.			

Compliance of Environment Clearance Report:

22. Production detail

Sr. No	EC conditions					Compliance details
1	Production detail as under:					
	S. N.	Product	Existing (TPA)	Proposed (TPA)	Total (TPA)	Production has not commenced. Project is in the construction phase, i.e construction of boundary wall, internal roads and civil structures for plant and machinery.
	1	2,5-Dichloro Phenol	0	20000	20000	
	2	MonoChloro Benzene	0	10000	10000	
	3	Para Dichloro Benzene	0	9640	9640	
	4	2,5-Dichloro Nitro Benzene	0	8400	8400	
	5	3,4-Dichloro Nitro Benzene	0	3100	3100	
	6	2,5-Dichloro Aniline	0	7000	7000	
	7	3,4-Dichloro Aniline	0	2640	2640	
	8	2,3-Dichloro Aniline	0	360	360	
	9	Potassium Hydroxide	0	16500	16500	
	10	Nitrosyl Sulphate	0	68500	68500	
	11	Ortho Dichloro Benzene	0	3180	3180	

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12	Meta Dichloro Benzene	0	500	500	
13	1,2,4-Tri Chloro Benzene	0	200	200	
14	1,2,3-Tri Chloro Benzene	0	200	200	
15	1,3,5-Tri Chloro Benzene	0	200	200	
16	2,3-Dichloro Nitro Benzene	0	430	430	

23. Total Water Requirement:

	Detail	Detail	Compliance details
Dry Season	Source of water MIDC	MIDC	Production has not commenced. Project is in the construction phase.
	Fresh water (CMD):	1000 CMD	
	Recycled water - Flushing (CMD):	1279 CMD	
	Recycled water - Gardening (CMD):	Nil	
	Swimming pool.	Nil	
	Total Water Requirement (CMD)	2279 CMD	
	Firefighting - Underground water tank(CMD):	550	
	Firefighting - Overhead water tank(CMD):	Nil	
	Excess treated water	Nil	
	Detail	Detail	
Wet Season	Source of water MIDC	MIDC	Project is in the construction phase. No production activity has been started.
	Fresh water (CMD):	1000 CMD	
	Recycled water - Flushing (CMD):	1279 CMD	
	Recycled water - Gardening (CMD):	Nil	
	Swimming pool.	Nil	
	Total Water Requirement (CMD)	2279 CMD	
	Firefighting - Underground water tank(CMD):	550	
	Firefighting - Overhead water tank(CMD):	Nil	
	Excess treated water	Nil	

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24. Details of Total water consumed:

EC conditions										Compliance details
Particular	Consumption, cmd			Loss, cmd			Effluent, cmd			Project is in the construction phase. No production activity has been started.
	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total	
Domestic	0	45	45	0	10	10	0	35	35	
Industrial process	0	534	534	0	32	32	0	502	502	
Cooling Tower	0	1630	1630	0	888	888	0	742	742	
Gardening	0	70	70	0	70	70	0	0	0	

25. Rain Water Harvesting:

EC conditions		Compliance details
Rain Water Harvesting (RWH)		Project is in the construction phase.
Level of the Ground water table:	5 m to 20 m (Ref: CGWB Ratnagiri district report)	
Size and no of RWH tank(s) and Quantity:	1 no. - 10m X 20m X 3m	
Location of the RWH tank(s):	Near to Engineering Godown	
Quantity of recharge pits:	Nil - roof top rainwater collected in tank and reused to utility & flushing.	
Size of recharge pits	Not Applicable	
Budgetary allocation (Capital cost) :	Rs. 90 Lakh	
Budgetary allocation (O & M cost)	Rs. 15 Lakh	
Details of UGT tanks if any :	600 KL tank will be used for RWH	

26. Storm water drainage:

EC conditions		Compliance details
Natural water drainage pattern	South to North towards MIDC common drain	Project is in the construction phase, Provision of storm water drains will be made before operation.
Quantity of storm water	975.85 lit/second	
Size of SWD	5 nos. of SWD each of 400 mm X 500 mm	

27. Sewage & Waste water:

EC conditions		Compliance details
Sewage generation in KLD:	35	Project is in the construction phase. No production activity has been started
STP technology:	Sewage will be treated in ETP plant along with trade effluent in aeration tanks.	
Capacity of STP (CMD):	No	
Location & area of the STP:	--	
Budgetary allocation (Capital cost):	--	
Budgetary allocation (O & M cost):	--	

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28. Solid Waste Management

EC conditions		Compliance details
Waste generation in the Pre-Construction and Construction phase:		
Waste generation:	Minor quantity of construction debris will be generated during project expansion	We have started project activities, i.e. internal roads & civil structures at the site. Construction waste is used for backfilling on site.
Disposal of the construction waste debris:	Construction waste will be disposed off as per Construction and Demolition Waste Rules, 2016.	
Waste generation in the operation Phase:		
Dry waste:	Packing material- 35 TPA, Civil debris- 100 TPA, Insulation material- 165 TPA, Metallic scrap- 200 TPA, Rubber hand gloves- 35 TPA, Non - Metallic scrap- 100 TPA.	Project is in the construction phase. No production activity has been started.
Wet waste:	Nil	
Hazardous waste:	Used oil- 12 TPA, Wastes containing oil- 4.5 TPA, Residue or sludge containing phenol -1835 TPA, Spent solvents-275 TPA, Distillation residues- 2550 TPA, Empty barrels- 3000 Nos, Liners contaminated with hazardous chemicals /wastes- 10 MT, Contaminated cotton rags- 4.5 TPA, Chemical sludge from ETP- 2920 TPA, Concentration residues- 2190 TPA, Spent Carbon- 30 TPA, Hydrochloric Acid- 13300 TPA, Calcium Chloride- 9970 TPA, Methyl Chloride- 9060 TPA, Sulphuric Acid- 27000 TPA, Calcium Sulphate- 374	
Biomedical waste (If applicable):	Bio medical waste is generated from Occupational Health Centre (OHC) such as waste sharps, soiled waste, Glassware, discarded medicines etc.	
STP Sludge (Dry sludge):	Nil	
Others if any:	E-waste & Used batteries	
Mode of Disposal of waste:		
Dry waste	Non-Hazardous waste will be sold to authorized recyclers	Project is in construction phase. No production activity is started.
Wet waste:	Nil	
Hazardous waste:	Hazardous waste(s) will be disposed off to CHWTSDF/ Sale to authorized Recyclers/Re- processors/ co-processors / pre-processors / other GCL site as per H & O Waste (M & TM) Rules, 2016	
Biomedical waste (If applicable):	CBMWTSDf, Lote	

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STP Sludge (Dry sludge):	Nil	
Others if any:	E waste will be disposed off to authorized recycler & used batteries shall be returned to battery suppliers.	
Area requirement:		
Location(s):	within plot	Project is in construction Phase, Provision of waste storage will be made before commencing operation.
Area for the storage of waste & other material:	Dedicated waste storage area 200 Sq. Meter is allocated.	
Area for machinery:	No machinery required	
Budgetary allocation (Capital cost and O&M cost):		
Capital cost:	Rs. 30 Lakh	Noted.
O & M cost:	Rs. 601 Lakh	

29. Effluent Characteristics:

EC conditions		Compliance details
Parameter	Standards	Project is in the construction phase. Production is not commenced.
pH	6.5 to 8.5	
Oil & Grease	10 mg/lit	
COD	250 mg/lit	
TSS	100 mg/lit	
BOD	100 mg/lit	
Phenolic Compound	1 mg/lit	
Amount of effluent generated (CMD)	Domestic effluent: 35 CMD & Trade effluent: 1234 CMD	
Capacity of ETP	1600 CMD	
Amount of treated water recycled	1279 CMD	
Amount of water sent to CETP	Nil. Zero Liquid discharge condition prescribed.	
Membership of CETP	Available	
Note of ETP technology	Low COD/Low TDS & High COD/High TDS effluent is segregated. High COD/High TDS effluent is treated in stripper, MEE followed by ATFD. MEE condensate along with Low COD/Low TDS effluent is treated in Primary, Secondary & Tertiary treatment. Treated effluent will be recycled in the process & cooling towers.	
Disposal of ETP sludge	ETP sludge will be disposed off at CHWTSDF.	

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30. Hazardous Waste Details:

EC conditions				Compliance details
Description	HW Cat	Quantity (TPA)	Mode of disposal	
Used or spent oil	5.1	12	Sale to authorized recycler or preprocessor /Incineration	Project is in construction phase. No production activity has been started
Wastes or residues containing oil	5.2	4.5	Incineration	
Residue or sludge containing phenol	19.1	1835	Disposed to CHWTSDF	
Spent solvents	20.1	275	Sale as by product to authorized recycler or re-processor / Incineration.	
Distillation residues	20.3	2550	Incineration	
Empty barrels/containers/ liners contaminated with hazardous chemicals /wastes	33.1	3000 Nos	Sale to authorized recycler or Preprocessor.	
Contaminated cotton rags or other cleaning materials	33.2	4.5	Incineration	
Chemical sludge from waste water treatment	35.2	2920	Landfill to CHWTSDF	
Concentration or evaporation residue	37.3	2190	Landfill to CHWTSDF	
Liners contaminated with hazardous chemicals /wastes	33.1	10	Sale to authorized recycler or reprocessor / CHWTSDF	
Spent Carbon	28.3	30	Sale to authorized recycler OR reprocessor OR Coprocessor / Incineration / to CHWTSDF	
Hydrochloric Acid	Sch II/ B-15	13300	Disposal by sell to the authorized users, having valid consent to operate / Disposal as per Hazardous Waste Rules / To CHWTSDF	

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Calcium Chloride	--	9970	Disposal by sell to the authorized users, having valid consent to operate / Disposal as per Hazardous Waste Rules / To CHWTSDF
Methyl Chloride	Sch II/ B-12	9060	Disposal by sell to the authorized users, having valid consent to operate / Disposal as per Hazardous Waste Rules / To CHWTSDF
Sulphuric Acid	Sch II/ B- 15	27000	Disposal by sell to the authorized users, having valid consent to operate / Disposal as per Hazardous Waste Rules / To CHWTSDF
Calcium Sulphate	--	27400	Disposal by sell to the authorized users, having valid consent to operate / Disposal as per Hazardous Waste Rules / To CHWTSDF
Sodium Hypochlorite	Sch II/ B- 16	3000	Disposal by sell to the authorized users, having valid consent to operate / Disposal as per Hazardous Waste Rules / To CHWTSDF
E waste	--	1	E waste
Biomedical Waste	--	100 Kg/ month	CBMWTSDF
Used batteries	--	150 Nos./ year	Sell to authorized Re processor/ Buy back

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31. Stack emission Details:

EC conditions			Compliance details
Section & units	Stack No.	Stack height	Project is in construction Phase, Stacks with approved height will be provided to DG set & APCS will be made available before commencement of operation.
1510 KVA DG set	S1	10.77	
1510 KVA DG set	S2	10.77	
1510 KVA DG set	S3	10.77	
1510 KVA DG set	S4	10.77	
SO2 Cylinder shed	S5	8	
NOx stack Nitration	S6	27	
HCl stack DCA	S7	27	
NOx stack Mixed Acid Preparation	S8	27	
Cl2 stack Electrolysis cell	S9	8	

32. Details of fuel to be used:

EC conditions		Compliance details
Type of fuel	Quantity	Project is in the construction phase. No production activity has been started
HSD	1160 Lit/Hr. in case of power failure	

33. Source of fuel:

Source of fuel	From nearby source	Authorized stockiest will be the source. Compliance assured.
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34. Mode of transport of fuel to site:

Mode of transport of fuel to site	By road	Authorized vehicle will be the provided. Compliance assured.
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35. Energy Details:

EC conditions		Compliance details
Source of power supply	From MSEDCL	No production activity is commenced. Project is in the construction phase. We have started project activities, i.e. construction of boundary wall, internal roads at the site and civil structures for plant and machinery. Hence we require small scale power. Which is supplied from existing MSEDCL connection demand load is < 1MVA.
During Construction Phase: (Demand Load)	1 MVA	
DG set as Power back-up during construction phase	500 KVA	
During Operation phase (Connected load)	10 MVA	
During Operation phase (Demand load)	10 MVA	
Transformer	2 MVA of 5 nos.	
DG set as Power back-up during operation phase	6040 KVA [1510 KVA*4 DG set]	
Fuel used	HSD	
Details of high tension line passing through the plot if any:	---	
Details of high tension line passing through the plot if any:		
Energy saving by non-conventional method:		

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It is proposed to install 250 KW solar energy panel. Light with low voltage LED lights & VFD for motor will provided. BEE star rated utility equipment will be proposed such as AC etc.	Compliance is assured.
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36. Details of calculations & % of savings:

EC conditions		Compliance details
Energy conservation measures	Saving %	Project is in construction Phase
Solar energy 250 KW	1 %	Compliance is assured.
LED lights in place of CFL & Installation of VFD for motors	8%	Compliance is assured.

37. Details of pollution control Systems:

EC conditions		Compliance details
Source	Proposed to be installed	Project is in the construction phase. No production activity has been started.
Air pollution- DG set, Process emission	---	
Air pollution- DG set	Stacks	
Water pollution	Pre-treatments, ETP (Pri+Sec+Tert), RO, MEE + ATFD	
Noise	PPEs, Acoustic Enclosures	
Hazardous waste	Disposal to CHWTSDF/ As per H&OW (M&TM) Rules, 2016	
Non-Hazardous Waste	Sale to Authorized Vendors	
E Waste	Sale to Authorized Recycler/ Re-processor	
Used batteries	Sale to Authorized Recyclers	
Bio Medical Waste	Disposal to CBMWTSDF	
Budgetary allocation (Capital cost and O&M cost):	Capital cost: O & M cost:	

38. Environment Management Plan budgetary allocation:

EC conditions			Compliance details
a) Construction Phase (with breakup) :			
Attributes	Parameter	Total cost (Lacs)	
Air pollution management	Dust suppression or water sprinkling	2	In compliance
Environmental Monitoring	Ambient Monitoring	5	Ambient air quality is monitored. Kindly refer Annexure No.-07
Green belt development	Tree plantation	30	Green belt development is in progress. Kindly refer Annexure No. 03
Occupational Health safety	Safety training & PPEs	8	In compliance, Kindly refer Annexure No. 02
b) Operation Phase (with breakup) :			
Component	Description	Capital cost	O&M Cost
Air pollution management	Scrubbers	120	40

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Water pollution control	Construction of ETP, RO, MEE, Rain water harvesting, construction of storm water network etc.	1990	891	Project is in the construction phase. No production activity has been started.
Waste management	Construction of storage area for different types of wastes in compliance with HW rules, necessary infrastructure, equipment for collection and transport	30	601	
Environment Monitoring & Management	installation of online monitoring, in house monitoring, analytical facilities,	40	10	
Green Belt Development & maintenance	Plantation, irrigation, fertilizers, pesticides	25	15	
Green initiatives	Solar street light & solar panels	200	25	
Occupational Health & Safety	Construction of OHC and its facilities	25	25	
Energy conservation measures	BEE Star rated equipment	25	5	

39. Storage of chemicals (Inflammable/explosive/hazardous/toxic substance):

EC conditions			Compliance details
Description	Storage capacity in MT	Maximum storage at any time in MT	
Benzene	200	140	
Dichloro Aniline	160	160	
Dichloro Phenol	170	163	
Para Dichloro Benzene	200	200	
Ortho Dichloro Benzene	200	200	
Meta Dichloro Benzene	200	200	

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Mono Chloro Benzene	50	44	Project is in the construction phase. No production activity has been started.
Hydrochloric Acid	300	274	
Sulfuric Acid	200	200	
Potassium Hydroxide	200	200	
Nitrosyl Sulphate	20	20	
Spent Sulfuric Acid	150	150	
Sodium Hydroxide	100	100	
Methanol	300	190	
2, 3 Dichloro Nitro Benzene	20	18	
Ethylene Dichloride	100	80	
Hexane	100	80	
Nitric acid	150	140	
Xylene	100	80	
Methyl Chloride	250	207	
Sulphur di oxide	175	142	
Chlorine	200	200	
Hydrogen	150	120	
S ₂ Cl ₂	10	5	
Lime	50	50	
KCl	100	100	

40. Any other Conditions:

Sr. No	Activity	Status
1	CRZ/ RRZ clearance obtain, if any:	Not Applicable
2	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	Not Applicable
3	Category as per schedule of EIA Notification sheet	5 (f)- B
4	Court cases pending if any	Not Applicable
5	Other Relevant Information	Not Applicable
6	Have you previously submitted Application online on MOEF Website?	Yes

3.1. Specific Conditions:

Sr. No	Activity	Status
I	PP to prepare and implement CER plan in consultation with the District Authorities as per OM issued by MoEF&CC dated	CER is prepared and submitted earlier to the Hon'ble District Collector,

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	01.05.2018. PP to explore the possibility of providing a sewage treatment plant to the Chiplun city from their CER funds.	Ratnagiri dated 07.08.2018, 18.12.2018, 21.02.2019 and 06.03.2019 and along with a detailed plan for utilization of the CER allocated amount. Further guidance from the office of the Hon'ble District Collector is being followed up. Kindly refer Annexure No.-01a .
II	PP to take utmost care to ensure safety of the people working in the industry. PP to implement all Recommendations of HAZOP and Risk Assessment study.	Project is in the construction phase. Proper PPEs & training are provided to construction workers. No production activity has been started.
III	PP to include water and carbon footprint in the Environmental Monitoring Plan.	We have included the water and carbon footprint in the EMP plan. Compliance is assured.
IV	PP to upload CFO NOC.	We had obtained provisional fire NOC No. MIDC/FIRE/D-75599 from CFO and shall receive final NOC once project activities are over.
V	PP to ensure that the CER plan gets approved from the District Collector.	CER is prepared and submitted earlier to the Hon'ble District Collector, Ratnagiri dated 07.08.2018, 18.12.2018, 21.02.2019 and 06.03.2019 and along with a detailed plan for utilization of the CER allocated amount. Further guidance from the office of the Hon'ble District Collector is awaited. Kindly refer Annexure No.-01a .
VI	PP to ensure to comply with the conditions stipulated in the Office Memorandum issued by MoEF & CC dated 9th August 2018.	Compliance is assured for applicable conditions as per the MoEF&CC OM dated 9 th August 2018.

3.2. General Conditions:

Sr. No	Activity	Status
I	PP to achieve Zero Liquid Discharge; PP shall ensure that there is no increase in the effluent load to CETP.	Project is in the construction phase. Compliance is assured.
II	No additional land shall be used /acquired for any activity of the project without obtaining proper permission.	Compliance is assured.
III	PP to take utmost precaution for the health and safety of the people working in the unit as also for protecting the environment.	Compliance is assured.
IV	Proper Housekeeping program shall be implemented.	Project is in the construction phase. Compliance is assured.
V	In the event of the failure of any pollution control system adopted by the unit, the unit shall be immediately put out of operation and shall not be restarted until the desired efficiency has been achieved.	Project is in the construction phase. Compliance is assured.

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VI	A stack of adequate height based on DG set capacity shall be provided for control and dispersion of pollutant from DG set. (If applicable).	Project is in the construction phase. Compliance is assured.
VII	A detailed scheme for rainwater harvesting shall be prepared and implemented to recharge ground water.	A detailed scheme for rainwater harvesting shall be prepared & implemented. Compliance is assured.
VIII	Arrangement shall be made that effluent and storm water does not get mixed.	No production activity is commenced. Compliance is assured.
IX	Periodic monitoring of ground water shall be undertaken and results analyzed to ascertain any change in the quality of water. Results shall be regularly submitted to the Maharashtra Pollution Control Board.	Project is in construction phase. During operation phase, condition shall be complied.
X	Noise level shall be maintained as per standards. For people working in the high noise area, requisite personal protective equipment like earplugs etc. shall be provided.	Compliance is assured.
XI	The overall noise levels in and around the plant are shall be kept well within the standards by providing noise control measures including acoustic hoods, silencers, enclosures, etc. on all sources of noise generation. The ambient noise levels shall confirm to the standards prescribed under Environment (Protection) Act, 1986 Rules, 1989.	Noise levels are monitored and are within prescribed limits. Kindly refer Annexure-08
XII	Green belt shall be developed & maintained around the plant periphery. Green Belt Development shall be carried out considering CPCB guidelines including selection of plant species and in consultation with the local DFO/ Agriculture Dept.	The development of green belt is in progress. Photographs enclosed as Annexure No.-03.
XIII	Adequate safety measures shall be provided to limit the risk zone within the plant boundary, in case of an accident. Leak detection devices shall also be installed at strategic places for early detection and warning.	Compliance is assured.
XIV	Occupational health surveillance of the workers shall be done on a regular basis and record maintained as per Factories Act.	Project is in construction phase. Compliance is assured. Annexure No.-09
XV	The company shall make the arrangement for protection of possible fire hazards during manufacturing process in material handling.	Compliance is assured.
XVI	The project authorities must strictly comply with the rules and regulations with regard to handling and disposal of hazardous wastes in accordance with the Hazardous Waste (Management and Handling) Rules, 2003 (amended). Authorization from the MPCB shall be obtained for collections/treatment/storage/disposal of hazardous wastes.	We had obtained consent to establish dated 27.09.2024 from MPCB. Kindly refer the Annexure-05. Project is in construction phase. Compliance is assured.
XVII	Regular mock drills for the on-site emergency management plan shall be carried out. Implementation of changes / improvements required, if any, in the on-site management plan shall be ensured.	Compliance is assured.

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XVIII	A separate environment management cell with qualified staff shall be set up for implementation of the stipulated environmental safeguards.	Compliance is assured. The company has recruited qualified & experienced EHS staff.
XIX	Separate funds shall be allocated for implementation of environmental protection measures/EMP along with item-wise breaks-up. These cost shall be included as part of the project cost. The funds earmarked for the environment protection measures shall not be diverted for other purposes and year-wise expenditure should reported to the MPCB & this department.	Compliance is assured. Separate funds have been allocated for EMP and have been included in the project cost as follows: 1) EMP Cost at Construction Phase: Rs.0.4 Cr. 2) EMP Cost at Operation Phase: i) Capital Cost: Rs.24.55 Cr. ii) Operational Cost: Rs.16.12 Cr/ Annum
XX	The project management shall advertise at least in two local newspapers widely circulated in the region around the project, one of which shall be in the Marathi language of the local concerned within seven days of issue of this letter, informing that the project has been accorded environmental clearance and copies of clearance letter are available with the Maharashtra Pollution Control Board and may also be seen at Website at http://ec.maharashtra.gov.in	Complied. Public Announcement made via two Local newspapers, Ratnagiri Times and Prahar newspaper on 17.06.2020. Kindly refer Annexure No.-06 .
XXI	Project management should submit half yearly compliance reports in respect of the stipulated prior environment clearance terms and conditions in hard & soft copies to the MPCB & this department, on 1 st June & 1st December of each calendar year.	Complied Last report was submitted on 01/06/2024.
XXII	Proponent shall send a copy of the clearance letter to the concerned Municipal Corporation and the local NGO, if any, from whom suggestions/representations, if any, were received while processing the proposal. The proponent shall also put the clearance letter on the website of the Company.	Complied
XXIII	The proponent shall upload the status of compliance of the stipulated EC conditions, including results of Monitored data on their website and shall update the same periodically. It shall simultaneously be sent to the Regional Office of MoEF, the respective Zonal Office of CPCB and the SPCB. The criteria pollutant levels namely; SPM, RSPM. SO ₂ , NO _x (ambient levels as well as stack emissions) or critical sectoral parameters, indicated for the project shall be monitored and displayed at a convenient location near the main gate of the company in the public domain.	Project is in construction phase Ambient Air Monitoring is done and reports are attached as Annexure - 07 . During operation phase, stack emissions shall be monitored and this condition shall be complied.
XXIV	The project proponent shall also submit six monthly reports on the status of compliance of the stipulated EC conditions including results of monitored data (both in hard copies as well as by e-mail) to the respective Regional Office of MoEF, the respective Zonal Office of CPCB and the SPCB.	Complied. Last compliance submitted on 01.06.2024

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XXV	The environmental statement for each financial year ending 31st March in Form-V as is mandated to be submitted by the project proponent to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company along with the status of compliance of EC conditions and shall also be sent to the respective Regional Offices of MoEF by e-mail.	Compliance is assured. Project is in construction phase.
XXVI	The environmental clearance is being issued without prejudice to the action initiated under EP Act or any court case pending in the court of law and it does not mean that project proponent has not violated any environmental laws in the past and whatever decision under EP Act or of the Hon'ble court will be binding on the project proponent. Hence this clearance does not give immunity to the project proponent in the case filed against him, if any or action initiated under EP Act.	Noted.
XXVII	In case of submission of false document and non-compliance of stipulated conditions, Authority/ Environment Department will revoke or suspend the Environment clearance without any intimation and initiate appropriate legal action under Environmental Protection Act, 1986.	Noted.
XXVIII	The Environment department reserves the right to add any stringent condition or to revoke the clearance if conditions stipulated are not implemented to the satisfaction of the department or for that matter, for any other administrative reason.	Noted.
XXIX	Validity of Environment Clearance: The environmental clearance accorded shall be valid as per EIA Notification, 2006, and amendments by MoEF&CC Notification dated 29th April, 2015.	Noted.
XXX	In case of any deviation or alteration in the project proposed from those submitted to this department for clearance, a fresh reference should be made to the department to assess the adequacy of the condition(s) imposed and to incorporate additional environmental protection measures required, if any.	Noted.
XXXI	The above stipulations would be enforced among others under the Water (Prevention and Control of Pollution) Act, 1974, the Air (Prevention and Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986 and rules there under, Hazardous Wastes (Management and Handling) Rules, 1989 and its amendments, the public Liability Insurance Act, 1991 and its amendments	Noted.
XXXII	Any appeal against this Environment clearance shall lie with the National Green Tribunal (Western Zone Bench, Pune), New Administrative Building, 1stFloor, D-, Wing, Opposite Council Hall, Pune, if preferred, within 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.	Noted.



STATE LEVEL ENVIRONMENT IMPACT ASSESSMENT AUTHORITY

Environment department,
Room No. 217, 2nd floor,
Mantralaya, Annexe,
Mumbai- 400 032.
Date: June 11, 2020

To,
Gharda Chemicals Limited
at Plot No. D-1/1, MIDC, Lote Parshuram.

Subject: Environment Clearance for Proposed establishment of Synthetic Organic Chemicals Manufacturing Unit at Plot No. D-1/1, MIDC Lote Parshuram, Taluka Khed, Dist. Ratnagiri by Gharda Chemicals Ltd. (Unit no. 5)

Sir,

This has reference to your communication on the above mentioned subject. The proposal was considered as per the EIA Notification - 2006, by the State Level Expert Appraisal Committee-I, Maharashtra in its 165th - Day 5th meeting and recommend the project for prior environmental clearance to SEIAA. Information submitted by you has been considered by State Level Environment Impact Assessment Authority in its 195th meetings.

2. It is noted that the proposal is considered by SEAC-I under screening category 5 (f)- B as per EIA Notification 2006.

Brief Information of the project submitted by you is as below :-

1.Name of Project	Environment Clearance for Proposed establishment of Synthetic Organic Chemicals Manufacturing Unit at Plot No. D-1/1, MIDC Lote Parshuram, Taluka Khed, Dist. Ratnagiri by Gharda Chemicals Ltd. (Unit no. 5)
2.Type of institution	Private
3.Name of Project Proponent	Gharda Chemicals Limited
4.Name of Consultant	Aditya Environmental Services Pvt. Ltd.
5.Type of project	Industrial project
6.New project/expansion in existing project/modernization/diversification in existing project	New project
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	Not applicable. Proposed project is for new establishment.
8.Location of the project	Plot No. D-1/1, MIDC, Lote Parshuram.
9.Taluka	Khed
10.Village	Awashi
Correspondence Name:	Mr. Mulugund Vadiraj S.
Room Number:	Design dept.
Floor:	2nd floor
Building Name:	Gharda Chemicals Limited, Dombivli
Road/Street Name:	Phase-I,
Locality:	MIDC, Dombivli (East)
City:	Dombivli 421203
11.Whether in Corporation / Municipal / other area	MIDC Lote Parshuram

SEIAA Meeting No: 195 Meeting Date: March 14, 2020 (SEIAA-STATEMENT-000000773)
SEIAA-MINUTES-0000003173
SEIAA-EC-0000002261

12.IOD/IOA/Concession/Plan Approval Number	MIDC plot allotment
	IOD/IOA/Concession/Plan Approval Number: MIDC Plot transfer
	Approved Built-up Area:
13.Note on the initiated work (If applicable)	Not applicable. Existing structures will be demolished for proposed establishment project.
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	MIDC plot plan approval
15.Total Plot Area (sq. m.)	91,429 sq. m
16.Deductions	Not applicable
17.Net Plot area	91,429 sq. m
18 (a).Proposed Built-up Area (FSI & Non-FSI)	FSI area (sq. m.): 63,156 sq.m
	Non FSI area (sq. m.): Not applicable
	Total BUA area (sq. m.): 63156
18 (b).Approved Built up area as per DCR	Approved FSI area (sq. m.): --
	Approved Non FSI area (sq. m.): --
	Date of Approval: 24-04-2019
19.Total ground coverage (m2)	28558 sq.m
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	31.23%
21.Estimated cost of the project	3139500000



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22. Production Details

Serial Number	Product	Existing (MT/M)	Proposed (MT/M)	Total (MT/M)
1	2,5-Dichloro Phenol	0	20000 TPA	20000 TPA
2	Mono Chloro Benzene	0	10000 TPA	10000 TPA
3	Para Dichloro Benzene	0	9640 TPA	9640 TPA
4	2,5-Dichloro Nitro Benzene	0	8400 TPA	8400 TPA
5	3,4-Dichloro Nitro Benzene	0	3100 TPA	3100 TPA
6	2,5-Dichloro Aniline	0	7000 TPA	7000 TPA
7	3,4-Dichloro Aniline	0	2640 TPA	2640 TPA
8	2,3-Dichloro Aniline	0	360 TPA	360 TPA
9	Potassium Hydroxide	0	16500 TPA	16500 TPA
10	Nitrosyl Sulphate	0	68500 TPA	68500 TPA
11	Ortho Dichloro Benzene	0	3180 TPA	3180 TPA
12	Meta Dichloro Benzene	0	500 TPA	500 TPA
13	1,2,4-Tri Chloro Benzene	0	200 TPA	200 TPA
14	1,2,3-Tri Chloro Benzene	0	200 TPA	200 TPA
15	1,3,5-Tri Chloro Benzene	0	200 TPA	200 TPA
16	2,3-Dichloro Nitro Benzene	0	430 TPA	430 TPA

23. Total Water Requirement

Dry season:	Source of water	MIDC
	Fresh water (CMD):	1000 cmd
	Recycled water - Flushing (CMD):	1279 cmd
	Recycled water - Gardening (CMD):	Nil
	Swimming pool make up (Cum):	Nil
	Total Water Requirement (CMD) :	2279 cmd
	Fire fighting - Underground water tank(CMD):	550 Cubic Meter tank capacity is provided
	Fire fighting - Overhead water tank(CMD):	Nil
	Excess treated water	Nil

Wet season:	Source of water	MIDC
	Fresh water (CMD):	1000 cmd
	Recycled water - Flushing (CMD):	1279 cmd
	Recycled water - Gardening (CMD):	Nil
	Swimming pool make up (Cum):	Nil
	Total Water Requirement (CMD) :	2279 cmd
	Fire fighting - Underground water tank(CMD):	550 Cubic Meter tank capacity is provided
	Fire fighting - Overhead water tank(CMD):	Nil
	Excess treated water	Nil
Details of Swimming pool (If any)	Not applicable	



Government of Maharashtra

24.Details of Total water consumed

Particulars	Consumption (CMD)			Loss (CMD)			Effluent (CMD)		
	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total
Domestic	0	45	45	0	10	10	0	35	35
Industrial Process	0	534	534	0	32	32	0	502	502
Cooling tower & thermopack	0	1630	1630	0	888	888	0	742	742
Gardening	0	70	70	0	70	70	0	0	0

25.Rain Water Harvesting (RWH)

Level of the Ground water table:	5 m to 20 m (Ref: CGWB Ratnagiri district report)
Size and no of RWH tank(s) and Quantity:	1 no. - 10m X 20m X 3m
Location of the RWH tank(s):	Near to Engineering godown
Quantity of recharge pits:	Nil - roof top rain water collected in tank and reused to utility & flushing.
Size of recharge pits :	Not Applicable
Budgetary allocation (Capital cost) :	Rs. 90 Lakh
Budgetary allocation (O & M cost) :	Rs. 15 Lakh
Details of UGT tanks if any :	600 KL tank will be used for RWH

26.Storm water drainage

Natural water drainage pattern:	South to North towards MIDC common drain
Quantity of storm water:	975.85 lit/second
Size of SWD:	5 nos. of SWD each of 400 mm X 500 mm

27.Sewage and Waste water

Sewage generation in KLD:	35 cmd
STP technology:	Sewage will be treated in ETP plant along with trade effluent in aeration tanks.
Capacity of STP (CMD):	No
Location & area of the STP:	--
Budgetary allocation (Capital cost):	--
Budgetary allocation (O & M cost):	--

28.Solid waste Management

Waste generation in the Pre Construction and Construction phase:	Waste generation:	Minor quantity of construction debris will be generated during project expansion
	Disposal of the construction waste debris:	Construction waste will be disposed off as per Construction and Demolition Waste Rules, 2016.
Waste generation in the operation Phase:	Dry waste:	Packing material- 35 TPA, Civil debris- 100 TPA, Insulation material-165 TPA, Metallic scrap- 200 TPA, Rubber hand gloves- 35 TPA, Non metallic scrap- 100 TPA.
	Wet waste:	Nil
	Hazardous waste:	Used oil- 12 TPA, Wastes containing oil- 4.5 TPA, Residue or sludge containing phenol -1835 TPA, Spent solvents-275 TPA, Distillation residues- 2550 TPA, Empty barrels- 3000 Nos, Liners contaminated with hazardous chemicals /wastes- 10 MT, Contaminated cotton rags- 4.5 TPA, Chemical sludge from ETP- 2920 TPA, Concentration residues-2190 TPA, Spent Carbon- 30 TPA, Hydrochloric Acid- 13300 TPA, Calcium Chloride- 9970 TPA, Methyl Chloride- 9060 TPA, Sulphuric Acid- 27000 TPA, Calcium Sulphate- 374
	Biomedical waste (If applicable):	Bio medical waste is generated from Occupational Health Centre (OHC) such as waste sharps, soiled waste, Glassware, discarded medicines etc.
	STP Sludge (Dry sludge):	Nil
	Others if any:	E-waste & Used batteries
Mode of Disposal of waste:	Dry waste:	Non-Hazardous waste will be sold to authorized recyclers.
	Wet waste:	Nil
	Hazardous waste:	Hazardous waste will be disposed off to CHWTSDF/ Sale to authorized Recyclers/Re- processors/ co-processors / pre-processors / other GCL site as per H & O Waste (M & TM) Rules, 2016
	Biomedical waste (If applicable):	CBMWTSDF, Lote
	STP Sludge (Dry sludge):	Nil
	Others if any:	E waste will be disposed off to authorized recycler & used batteries shall be returned to battery suppliers.
Area requirement:	Location(s):	within plot
	Area for the storage of waste & other material:	Dedicated waste storage area 200 Sq. Meter is allocated.
	Area for machinery:	No machinery required
Budgetary allocation (Capital cost and O&M cost):	Capital cost:	Rs. 30 Lakh
	O & M cost:	Rs. 601 Lakh

29. Effluent Characteristics

Serial Number	Parameters	Unit	Inlet Effluent Characteristics	Outlet Effluent Characteristics	Effluent discharge standards (MPCB)
1	pH	--	0 to 12	6.5 to 8.5	6.5 to 8.5
2	Oil & Grease	mg/lit	< 10	< 10	10
3	COD	mg/lit	800 to 150000	< 250	250
4	TSS	mg/lit	000 to 1000	< 100	100
5	BOD	mg/lit	300 to 45000	< 100	100
6	Phenolic compound	mg/lit	< 1	< 1	1
Amount of effluent generation (CMD):		Domestic effluent: 35 CMD & Trade effluent: 1234 CMD			
Capacity of the ETP:		1600 cmd			
Amount of treated effluent recycled :		1279 cmd			
Amount of water send to the CETP:		Nil. Zero Liquid discharge condition prescribed.			
Membership of CETP (if require):		Available			
Note on ETP technology to be used		Low COD/Low TDS & High COD/High TDS effluent is segregated. High COD/High TDS effluent is treated in stripper, MEE followed by ATFD. MEE condensate along with Low COD/Low TDS effluent is treated in Primary, Secondary & Tertiary treatment. Treated effluent will be recycled in the process & cooling towers.			
Disposal of the ETP sludge		ETP sludge will be disposed off at CHWTSDF.			

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30. Hazardous Waste Details

Serial Number	Description	Cat	UOM	Existing	Proposed	Total	Method of Disposal
1	Used or spent oil	5.1	TPA	0	12	12	Sale to authorized recycler or re-processor /Incineration
2	Wastes or residues containing oil	5.2	TPA	0	4.5	4.5	Incineration
3	Residue or sludge containing phenol	19.1	TPA	0	1835	1835	Disposed to CHWTSDF
4	Spent solvents	20.2	TPA	0	275	275	Sale as by product to authorized recycler or re-processor / Incineration.
5	Distillation residues	20.3	TPA	0	2550	2550	Incineration
6	Empty barrels/containers/ liners contaminated with hazardous chemicals /wastes	33.1	Nos./A	0	3000	3000	Sale to authorized recycler or re-processor.
7	Contaminated cotton rags or other cleaning materials	33.2	TPA	0	4.5	4.5	Incineration
8	Chemical sludge from waste water treatment	35.3	TPA	0	2920	2920	Landfill to CHWTSDF
9	Concentration or evaporation residue	37.3	TPA	0	2190	2190	Landfill to CHWTSDF
10	Liners contaminated with hazardous chemicals /wastes	33.1	TPA	0	10	10	Sale to authorized recycler or re-processor / CHWTSDF
11	Spent Carbon	28.3	TPA	0	30	30	Sale to authorized recycler OR re-processor OR Co-processor / Incineration / to CHWTSDF
12	Hydrochloric Acid	Sch II/ B-15	TPA	0	13300	13300	Disposal by sell to the authorized users, having valid consent to operate / Disposal as per Hazardous Waste Rules / To CHWTSDF
13	Calcium Chloride	--	TPA	0	9970	9970	Disposal by sell to the authorized users, having valid consent to operate / Disposal as per Hazardous Waste Rules / To CHWTSDF

14	Methyl Chloride	Sch II/ B-12	TPA	0	9060	9060	Disposal by sell to the authorized users, having valid consent to operate / Disposal as per Hazardous Waste Rules / To CHWTSDF
15	Sulphuric Acid	Sch II/ B-15	TPA	0	27000	27000	Disposal by sell to the authorized users, having valid consent to operate / Disposal as per Hazardous Waste Rules / To CHWTSDF
16	Calcium Sulphate	--	TPA	0	37400	37400	Disposal by sell to the authorized users, having valid consent to operate / Disposal as per Hazardous Waste Rules / To CHWTSDF
17	Sodium Hypochlorite	Sch II/ B-16	TPA	0	3000	3000	Disposal by sell to the authorized users, having valid consent to operate / Disposal as per Hazardous Waste Rules / To CHWTSDF
18	E waste	--	TPA	0	1	1	Sell to authorized Re processor/CHWTSDF
19	Biomedical Waste	--	Kg/ month	0	100	100	CBMWTSDF
20	Used batteries	--	Nos./ year	0	150	150	Sell to authorized Re processor/ Buy back

31.Stacks emission Details

Serial Number	Section & units	Fuel Used with Quantity	Stack No.	Height from ground level (m)	Internal diameter (m)	Temp. of Exhaust Gases
1	1510 KVA DG set	HSD- 290 Lit/Hr	S1	10.77	0.4	135
2	1510 KVA DG set	HSD- 290 Lit/Hr	S2	10.77	0.4	135
3	1510 KVA DG set	HSD- 290 Lit/Hr	S3	10.77	0.4	135
4	1510 KVA DG set	HSD- 290 Lit/Hr	S4	10.77	0.4	135
5	SO2 Cylinder shed	Alkali scrubber	S5	8	0.3	35
6	NOx stack Nitration	Acid scrubber	S6	27	0.08	35
7	HCl stack DCA	Alkali scrubber	S7	27	0.1	35
8	NOx stack Mixed Acid Preparation	Acid scrubber	S8	27	0.15	35
9	Cl2 stack Electrolysis cell	Alkali scrubber	S9	8	0.3	35

32.Details of Fuel to be used

Serial Number	Type of Fuel	Existing	Proposed	Total
1	HSD	0	1160 Lit/Hr in case of power failure	1160 Lit/Hr in case of power failure

33.Source of Fuel	From nearby source
34.Mode of Transportation of fuel to site	By road

35.Energy

Power requirement:	Source of power supply :	From MSEDCL
	During Construction Phase: (Demand Load)	1 MVA
	DG set as Power back-up during construction phase	500 KVA
	During Operation phase (Connected load):	10 MVA
	During Operation phase (Demand load):	10 MVA
	Transformer:	2 MVA of 5 nos.
	DG set as Power back-up during operation phase:	6040 KVA [1510 KVA*4 DG set]
	Fuel used:	HSD
Details of high tension line passing through the plot if any:	--	

Energy saving by non-conventional method:

It is proposed to install 250KW solar energy panels. Lights with low voltage LED lights & VFD for motors will be provided. BEE star rated utility equipment will be proposed such as AC, etc.

36.Detail calculations & % of saving:

Serial Number	Energy Conservation Measures	Saving %
1	Solar energy 250 KW	1.0%
2	LED lights in place of CFL & installation of VFD for motors	8.0%

37.Details of pollution control Systems

Source	Existing pollution control system	Proposed to be installed
Air pollution- DG set, Process emission	--	Alkali/ Acid/Water scrubbers
Air pollution- DG set	--	Stacks
Water pollution	--	Pre-treatments, ETP (Pri+Sec+Tert), RO, MEE + ATFD
Noise	--	PPEs, Acoustic Enclosures
Hazardous waste	--	Disposal to CHWTSDF/ As per H&OW (M&TM) Rules, 2016
Non-Hazardous Waste	--	Sale to Authorized Vendors

E Waste	--	Sale to Authorized Recycler/ Re-processor
Used batteries	--	Sale to Authorized Recyclers
Bio Medical Waste	--	Disposal to CBMWTSDF
Budgetary allocation (Capital cost and O&M cost):	Capital cost:	--
	O & M cost:	--

38.Environmental Management plan Budgetary Allocation

a) Construction phase (with Break-up):

Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)
1	Air pollution management	Dust suppression or water sprinkling	2
2	Environmental Monitoring	Ambient Monitoring	5
3	Green belt development	Tree plantation	25
4	Occupational Health safety	Safety training & PPEs	8

b) Operation Phase (with Break-up):

Serial Number	Component	Description	Capital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)
1	Air pollution management	Scrubbers	120	40
2	Water pollution control	Construction of ETP, RO, MEE, Rain water harvesting, construction of storm water network etc.	1990	891
3	Waste management	Construction of storage area for different types of wastes in compliance with HW rules, necessary infrastructure, equipment for collection and transport	30	601
4	Environment Monitoring & Management	Installation of online monitoring, in house monitoring, analytical facilities,	40	10
5	Green Belt Development & maintenance	Plantation, irrigation, fertilizers, pesticides	25	15
6	Green initiatives	Solar street light & solar panels	200	25
7	Occupational Health & Safety	Construction of OHC and its facilities	25	25
8	Energy conservation measures	BEE Star rated equipment	25	5

39.Storage of chemicals (inflammable/explosive/hazardous/toxic substances)

Description	Status	Location	Storage Capacity in MT	Maximum Quantity of Storage at any point of time in MT	Consumption / Month in MT	Source of Supply	Means of transportation
Benzene	Proposed	within plot	200	140	1419	From nearby source	By road
Dichloro Aniline	Proposed	within plot	150	160	1747	From nearby source	By road
Dichloro Phenol	Proposed	within plot	150	163	--	From nearby source	By road
Para Dichloro Benzene	Proposed	within plot	200	200	561	From nearby source	By road
Ortho Dichloro Benzene	Proposed	within plot	200	200	497	From nearby source	By road
Meta Dichloro Benzene	Proposed	within plot	200	200	--	From nearby source	By road
Mono Chloro Benzene	Proposed	within plot	50	44	--	From nearby source	By road
Hydrochloric Acid	Proposed	within plot	300	274	1934	From nearby source	By road
Sulfuric Acid	Proposed	within plot	200	200	3413	From nearby source	By road
Potassium Hydroxide	Proposed	within plot	200	200	--	From nearby source	By road
Nitrosyl Sulphate	Proposed	within plot	20	20	--	From nearby source	By road
Spent Sulfuric Acid	Proposed	within plot	150	150	--	From nearby source	By road
Sodium Hydroxide	Proposed	within plot	100	100	1696	From nearby source	By road
Methanol	Proposed	within plot	300	190	478	From nearby source	By road
2, 3 Dichloro Nitro Benzene	Proposed	within plot	20	18	--	From nearby source	By road
Ethylene Dichloride	Proposed	within plot	100	80	237	From nearby source	By road

Hexane	Proposed	within plot	100	80	233	From nearby source	By road
Nitric acid	Proposed	within plot	150	140	1383	From nearby source	By road
Xylene	Proposed	within plot	100	80	133	From nearby source	By road
Methyl Chloride	Proposed	within plot	250 Tonners	207	--	From nearby source	By road
Sulphur di oxide	Proposed	within plot	175 Tonners	142	764	From nearby source	By road
Chlorine	Proposed	within plot	200 Tonners	200	1292	From nearby source	By road
Hydrogen	Proposed	within plot	150 Cylinders	120	57	From nearby source	By road
S2Cl2	Proposed	within plot	RM Godown	10	5	From nearby source	By road
Lime	Proposed	within plot	RM Godown	50	--	From nearby source	By road
KCl	Proposed	within plot	RM Godown	100	1854	From nearby source	By road

40. Any Other Information

No Information Available

Government of
Maharashtra

	CRZ/ RRZ clearance obtain, if any:	Not applicable
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	Not applicable
	Category as per schedule of EIA Notification sheet	5 (f)- B
	Court cases pending if any	Not applicable
	Other Relevant Informations	Not applicable
	Have you previously submitted Application online on MOEF Website.	Yes
	Date of online submission	12-12-2017

3. The proposal has been considered by SEIAA in its 195th meeting & decided to accord environmental clearance to the said project under the provisions of Environment Impact Assessment Notification, 2006 subject to implementation of the following terms and conditions:

Specific Conditions:

I	PP to prepare and implement CER plan in consultation with the District Authorities as per OM issued by MoEF&CC dated 01.05.2018. PP to explore possibility to provide sewage treatment plant to the Chiplun city from their CER funds.
II	PP to take utmost care to ensure safety of the people working in the industry. PP to implement all recommendations of HAZOP and Risk Assessment study.
III	PP to include water and carbon foot print in the Environmental Monitoring Plan.
IV	PP to upload CFO NOC.
V	PP to ensure that CER plan gets approved from District Collector.
VI	PP to ensure to comply with the conditions stipulated in the Office Memorandum issued by MoEF& CC dated 9th August, 2018.

General Conditions:

I	(i)PP to achieve Zero Liquid Discharge ; PP shall ensure that there is no increase in the effluent load to CETP.
II	No additional land shall be used /acquired for any activity of the project without obtaining proper permission.
III	PP to take utmost precaution for the health and safety of the people working in the unit as also for protecting the environment.
IV	Proper Housekeeping programmers shall be implemented.
V	In the event of the failure of any pollution control system adopted by the unit, the unit shall be immediately put out of operation and shall not be restarted until the desired efficiency has been achieve.
VI	A stack of adequate height based on DG set capacity shall be provided for control and dispersion of pollutant from DG set. (If applicable).
VII	A detailed scheme for rainwater harvesting shall be prepared and implemented to recharge ground water.
VIII	Arrangement shall be made that effluent and storm water does not get mixed.
IX	Periodic monitoring of ground water shall be undertaken and results analyzed to ascertain any change in the quality of water. Results shall be regularly submitted to the Maharashtra Pollution Control Board.
X	Noise level shall be maintained as per standards. For people working in the high noise area, requisite personal protective equipment like earplugs etc. shall be provided.

XI	The overall noise levels in and around the plant are shall be kept well within the standards by providing noise control measures including acoustic hoods, silencers, enclosures, etc. on all sources of noise generation. The ambient noise levels shall conform to the standards prescribed under Environment (Protection) Act, 1986 Rules, 1989.
XII	Green belt shall be developed & maintained around the plant periphery. Green Belt Development shall be carried out considering CPCB guidelines including selection of plant species and in consultation with the local DFO/ Agriculture Dept.
XIII	Adequate safety measures shall be provided to limit the risk zone within the plant boundary, in case of an accident. Leak detection devices shall also be installed at strategic places for early detection and warning.
XIV	Occupational health surveillance of the workers shall be done on a regular basis and record maintained as per Factories Act.
XV	(The company shall make the arrangement for protection of possible fire hazards during manufacturing process in material handling.
XVI	The project authorities must strictly comply with the rules and regulations with regard to handling and disposal of hazardous wastes in accordance with the Hazardous Waste (Management and Handling) Rules, 2003 (amended). Authorization from the MPCB shall be obtained for collections/treatment/storage/disposal of hazardous wastes.
XVII	Regular mock drills for the on-site emergency management plan shall be carried out. Implementation of changes / improvements required, if any, in the on-site management plan shall be ensured.
XVIII	A separate environment management cell with qualified staff shall be set up for implementation of the stipulated environmental safeguards.
XIX	Separate funds shall be allocated for implementation of environmental protection measures/EMP along with item-wise breaks-up. These cost shall be included as part of the project cost. The funds earmarked for the environment protection measures shall not be diverted for other purposes and year-wise expenditure should reported to the MPCB & this department
XX	The project management shall advertise at least in two local newspapers widely circulated in the region around the project, one of which shall be in the marathi language of the local concerned within seven days of issue of this letter, informing that the project has been accorded environmental clearance and copies of clearance letter are available with the Maharashtra Pollution Control Board and may also be seen at Website at http://ec.maharashtra.gov.in
XXI	Project management should submit half yearly compliance reports in respect of the stipulated prior environment clearance terms and conditions in hard & soft copies to the MPCB & this department, on 1st June & 1st December of each calendar year.
XXII	A copy of the clearance letter shall be sent by proponent to the concerned Municipal Corporation and the local NGO, if any, from whom suggestions/representations, if any, were received while processing the proposal. The clearance letter shall also be put on the website of the Company by the proponent.
XXIII	The proponent shall upload the status of compliance of the stipulated EC conditions, including results of monitored data on their website and shall update the same periodically. It shall simultaneously be sent to the Regional Office of MoEF, the respective Zonal Office of CPCB and the SPCB. The criteria pollutant levels namely; SPM, RSPM, SO ₂ , NO _x (ambient levels as well as stack emissions) or critical sectoral parameters, indicated for the project shall be monitored and displayed at a convenient location near the main gate of the company in the public domain.
XXIV	The project proponent shall also submit six monthly reports on the status of compliance of the stipulated EC conditions including results of monitored data (both in hard copies as well as by e-mail) to the respective Regional Office of MoEF, the respective Zonal Office of CPCB and the SPCB.
XXV	The environmental statement for each financial year ending 31st March in Form-V as is mandated to be submitted by the project proponent to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company along with the status of compliance of EC conditions and shall also be sent to the respective Regional Offices of MoEF by e-mail.

4. The environmental clearance is being issued without prejudice to the action initiated under EP Act or any court case pending in the court of law and it does not mean that project proponent has not violated any environmental laws in the past and whatever decision under EP Act or of the Hon'ble court will be binding on the project proponent. Hence this clearance does not give immunity to the project proponent in the case filed against him, if any or action initiated under EP Act.

5. In case of submission of false document and non-compliance of stipulated conditions, Authority/ Environment Department will revoke or suspend the Environment clearance without any intimation and initiate appropriate legal action under Environmental Protection Act, 1986.

6. The Environment department reserves the right to add any stringent condition or to revoke the clearance if conditions stipulated are not implemented to the satisfaction of the department or for that matter, for any other administrative reason.

7. Validity of Environment Clearance: The environmental clearance accorded shall be valid as per EIA Notification, 2006, and amendments by MoEF&CC Notification dated 29th April, 2015.

8. In case of any deviation or alteration in the project proposed from those submitted to this department for clearance, a fresh reference should be made to the department to assess the adequacy of the condition(s) imposed and to incorporate additional environmental protection measures required, if any.

9. The above stipulations would be enforced among others under the Water (Prevention and Control of Pollution) Act, 1974, the Air (Prevention and Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986 and rules there under, Hazardous Wastes (Management and Handling) Rules, 1989 and its amendments, the public Liability Insurance Act, 1991 and its amendments.

10. Any appeal against this Environment clearance shall lie with the National Green Tribunal (Western Zone Bench, Pune), New Administrative Building, 1st Floor, D- Wing, Opposite Council Hall, Pune, if preferred, within 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.


Shri. Anil Diggikar (Member Secretary SEIAA)

Copy to:

1. SHRI JOHNY JOSEPH, CHAIRMAN-SEIAA
2. SHRI UMAKANT DANGAT, CHAIRMAN-SEAC-I
3. SHRI M.M.ADTANI, CHAIRMAN-SEAC-II
4. SHRI ANIL .D. KALE. CHAIRMAN SEAC-III
5. SECRETARY MOEF & CC
6. IA- DIVISION MOEF & CC
7. MEMBER SECRETARY MAHARASHTRA POLLUTION CONTROL BOARD MUMBAI
8. REGIONAL OFFICE MOEF & CC NAGPUR
9. REGIONAL OFFICE MIDC RATNAGIRI
10. MAHARASHTRA STATE ELECTRICITY DISTRIBUTION CO. LTD
11. COLLECTOR OFFICE RATNAGIRI
12. COLLECTOR OFFICE SINDHUDURG



GHARDA CHEMICALS LIMITED

ISO 50001

BUREAU VERITAS
Certification



ISO 9001/ISO 14001/OHSAS 18001
Integrated Management System

BUREAU VERITAS
Certification



MIDC Lote Parshuram, Tal. Khed, Dist. Ratnagiri. Maharashtra (INDIA) - 415 722. Tel. : (02356) 664000.

घरडा/२०१९

दि. ०५/०३/२०१९

सन्माननिय,
मा. जिल्हाधिकारी साहेब,
रत्नागिरी जिल्हा.

विषय :- कॉर्पोरेट सोशल एन्विरॉन्मेंटल रेस्पॉन्सिबिलिटी अंतर्गत (CER) सामाजिक कामाबद्दल
संदर्भ :- आमची दि. ०७/०८/२०१८, दि. १८/१२/२०१८ व दिनांक २१/०२/२०१९ ची पत्रे

मा. महोदय,

आमच्या वरील पत्रांनी आम्ही आपणास अगोदरच कळविले आहे कि, लोटे परशुराम औद्योगिक क्षेत्र येथील प्लॉट नंबर डी-१/१, तालुका खेड जिल्हा रत्नागिरी येथे सिन्थेटिक ऑर्गॅनिक केमिकल्स निर्मिती साठी नवीन युनिट सुरु करण्याचे योजिले आहे. आम्ही आपले याकडे लक्ष वेधू ईच्छितो कि, या येणाऱ्या नवीन प्रकल्पासाठी शासनाच्या निर्देशानुसार कॉर्पोरेट सोशल एन्विरॉन्मेंटल रेस्पॉन्सिबिलिटी अंतर्गत (CER) सामाजिक कामांसाठी निधी ची तरतूद केलेली आहे.

आम्ही राज्य स्तरीय एक्स्पर्ट अप्प्राईजल समिती, (SEAC-I) पर्यावरण विभाग, मंत्रालय, मुंबई यांचेकडे कॅटेगरी ५ (एफ)-बी मध्ये कन्सॉलिडेटेड स्टेटमेंट नंबर SEIAA-स्टेटमेंट ०००००००७७३ दिनांक १६/०१/२०१९ द्वारे एन्विरॉन्मेंटल क्लीअरन्स साठी अर्ज केलेला आहे.

आमचे प्रोपोजल दिनांक १६ फेब्रुवारी २०१९ ला झालेल्या १६१ व्या SEAC-I मिटिंग मध्ये विचारात घेतले होते. त्या मिटिंग मध्ये SEAC-I यांनी आम्हास निर्देश दिले होते कि, कॉर्पोरेट सोशल एन्विरॉन्मेंटल रेस्पॉन्सिबिलिटी अंतर्गत (CER) सामाजिक कामांसाठी तरतूद केलेल्या निधी चा उपयोग करताना आपणाकडे संपर्क करावा व मार्गदर्शन घ्यावे. त्याप्रमाणे आम्ही आमच्या दिनांक २१/०२/२०१९ च्या पत्राने त्याबाबत आपणास माहिती दिलेली आहे. व त्यासोबत १ एप्रिल २०१८ ते १४ फेब्रुवारी २०१९ या कालावधीत नवीन प्रकल्पाच्या ठिकाणापासून १०/१५ किलोमीटर परिसरात एकूण १४०/७६ लाखाची सामाजिक कामे पूर्ण केल्याची तसेच याहीपेक्षा जास्त खर्चाची काहीकामे प्रगतीपाठवर असल्याची यादी आपल्या माहितीकरिता जोडली होती.

आम्ही आपणास पुन्हा नम्र विनंती करतो कि, या कॉर्पोरेट सोशल एन्विरॉन्मेंटल रेस्पॉन्सिबिलिटी (CER) कार्यक्रमाबद्दल आपले मौल्यवान मार्गदर्शन आम्हास लाभावे जेणेकरून आम्ही त्यामध्ये योग्य ते योगदान देऊ.

कळावे,

आपला विश्वासू
घरडा केमिकल्स लिमिटेड करिता,

श्री. अनिल भोसले
डेप्युटी जेनरल मॅनेजर - एच. आर.

मा. जिल्हाधिकारी साहेब
भायेंकडे समक्ष सादर केल्याचे
सांगितलेले खन पोस्टचे दिनांक

लिपिक / अ. क.
जिल्हाधिकारी कार्यालय
रत्नागिरी

Annexure-2 Safety training record

SAFETY TRAINING RECORD APRIL-23 TO SEPTEMBER-24

Gharda Chemicals Limited, (Unit no. 5)

Plot No. D-1/1, MIDC Lote Parshuram, Taluka Khed, Dist Ratnagiri

Sr.No.	Name Of Topic	Month of Training	Progressive Construction Company
1	Sustainability(ESG) Awareness	May-24	19
2	Importance of PPE, Chemical & Monsoon Safety	Jul-24	20
3	Slip, Trip & Fall Prevention	Aug-24	14

GHARDA CHEMICALS LIMITED, LOTE

MODULE / TOPIC WISE TRAINING ATTENDANCE

LP&A/F/15/01
Eff. Date-01/06/2008

Date: 10.05.2024

Module No.	Module/Topic	Faculty	Duration
	sustainability (ESH)	v k Rode	9.30 - 11.30

Sr. No	Name of the Employee	Cat-O/S/W	Department	Employment No	Signature
01	Md. Jaid	civil	Progressive Hindustan	Supervisor	Jaid
02	Jahind Mondol	//	---		Jahind
03	Raja Ghosh	//	---		RAJAGHOSH
04	Pradipta Mondol	//	---		Pradipta Mondol
05	mnoy Sujoy Mondol	//	---		SUJOY MONDAL
06	mnoy Kumar	//	---		mnoy kumar
07	Anshu Kumar	//	---		Anshu Raj
08	Ramshi Lachan	//	---		R. Shirochan
09	Chandran Ghosh	//	---		Chandran Ghosh
10	Bahadur	//	---		Bahadur
11	Panab Kumar	//	---		Panab Kumar
12	Surjit	//	---		SURJIT
13	Chitankar	//	---		CHITANKAR
14	- Sudeb	//	---		Sudeb Mondol
15	Sonot Mondol	//	---		Sonot Mondol
16	Rajshree	//	---		Rajshree
17	Prakhal Mondol	//	---		Prakhal
18	Prasansit Mondol	//	---		Prasansit Mondol
19	Prabansit Mondol	//	---		Prabansit Mondol
20	---		---		---

Note: Category: - O = Officer, S=Staff, W=Workmen

SIGNATURE OF FACULTY

GHARDA CHEMICALS LIMITED, LOTE

MODULE / TOPIC WISE TRAINING ATTENDANCE

LP&A/F/15/01
Eff. Date-01/06/2008

Date: 08/07/24

Module No.	Module/Topic	Faculty	Duration
	Importance of PPE, chemical & monsoon safety	V K Rode	9.30 - 11.30 hrs

Sr. No	Name of the Employee	Cat-O/S/W	Department	Employment No	Signature
01	Guddu Ram	SUP	progressive Const. Company		
02	Md. Naved.	SUP			
03	Bikram Mondal				
04	Rakesh Ramdayal				
05	Mrinmoy Mondal				
06	Baikuntha Mondal				
07	Dipankar Mondal				
08	Itchrajit Mondal				
09	Tulu Rautray				TULU
10	Pradipta modal				PIDU
11	Dina Bandhughosh				
12	Raja Ghosh				RAJA
13	Sujan Biswas				Sujan
14	Sudeb Mondal				Sudeb
15	Mantu Biswas				MANTU
16	Tapas Mondal				TAPAN
17	Parivastan				
18	Itendra				
19	Paranjit				
20	Ashish Biswas				

Note: Category: - O = Officer, S=Staff, W=Workmen

variam
SIGNATURE OF FACULTY

GHARDA CHEMICALS LIMITED, LOTE
MODULE / TOPIC WISE TRAINING ATTENDANCE

LP&A/F/15/02
Eff. Date-01/08/2024

Topic	Faculty	Date	Duration
slip, Trip & Fall Prevention	V.K. Rode	27/08/24	9.30-11.30

Sr. No	Employment No.	Name of the Employee	Department	Cat-O/S/W	Signature
01	HB73	Bikram mandal	progressive		Bikram Mandal
02	HB53	Sudeb mandal	Const Company		Elaqim Rahman
03	HB77	Elaqim Rahman			Sudeb mandal
04	HB45	Dinabandhu ghosh			Dinabandhu
05	HB67	Litendra			litendra
06	HB80	Subhhlesh			Subhhlesh
07	HB36	Sanjit mandal			Sanjit
08	HB6	prabottan mandal			prabottan mandal
09	HB54	pradipta mandal			pradipta
10	HB15	Baikuntha mandal			Baikuntha
11		Pranav Kumar			Pranav Kumar
12		paritosh Barman			paritosh
13		prasanjit mandal			prasanjit
14	HB3	Buddh Ram	SWP		Buddh Ram
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					

Note: Category: - O = Officer, S = Staff, W = Workmen

(Signature)
SIGNATURE OF FACULTY

Annexure-03 Green belt



Annexure-03 Green belt



Annexure-03 Green belt



MAHARASHTRA POLLUTION CONTROL BOARD

Tel: 24010706/24010437
 Fax: 24023516
 Website: <http://mpcb.gov.in>
 Email: cac-cell@mpcb.gov.in



Kalpataru Point, 2nd, 3rd
 and 4th floor, Opp. Cine
 Planet Cinema, Near Sion
 Circle, Sion (E),
 Mumbai-400022

RED/L.S.I (R22)
No:- Format1.0/CAC/UAN
No.0000209023/CE/2409001789

Date: 27/09/2024

To,
Gharda Chemicals Limited, (Unit No.5),
Plot No. D-1/1,MIDC Lote Parshuram,
Tal.Khed, Dist Ratngari 415722.



Sub: Revalidation of Consent to Establish (Expansion), under RED category.

- Ref:**
1. Earlier consent to Establish granted by the Board vide No:- Format1.0/CAC/UAN No.0000081553/CE-2008000934 dated 26.08.2020.
 2. Environment Clearance vide No. SEIAA-EC-0000002261 dated 11.06.2020.
 3. Minutes of 6th CAC meeting dated 03.09.2024.

Your application No.MPCB-CONSENT-0000209023 Dated 13.05.2024

For: grant of Consent to Establish under Section 25 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 6 and Rule 18(7) of the Hazardous & Other Wastes (Management & Transboundary Movement) Rules 2016 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 to establish is granted for a period up to commissioning of the unit or up to 5 year whichever is earlier.**
2. **The capital investment of the project is Rs.321.53 Crs. (As per undertaking submitted by pp)**
3. **Consent is valid for the manufacture of:**

Sr No	Product	Maximum Quantity	UOM
Products			
1	Mono Chloro Benzene	10000	MT/A
2	Para Dichloro Benzene	9640	MT/A
3	2,5-Dichloro Nitro Benzene	8400	MT/A
4	3,4-Dichloro Nitro Benzene	3100	MT/A
5	2,5-Dichloro Aniline	7000	MT/A
6	3,4-Dichloro Aniline	2640	MT/A
7	2,3-Dichloro Aniline	360	MT/A

Sr No	Product	Maximum Quantity	UOM
8	Potassium Hydroxide	16500	MT/A
9	Nitrosyl Sulphate	68500	MT/A
10	2,5-Dichloro Phenol	20000	MT/A
11	Ortho Dichloro Benzene	3180	MT/A
12	Meta Dichloro Benzene	500	MT/A
13	1,2,4-Tri Chloro Benzene	200	MT/A
14	1,2,3-Tri Chloro Benzene	200	MT/A
15	1,3,5-Tri Chloro Benzene	200	MT/A
16	2,3-Dichloro Nitro Benzene	430	MT/A
17	Hydrochloric Acid	13300	MT/A
18	Calcium Chloride	9970	MT/A
19	Methyl Chloride	9060	MT/A
20	Sulphuric Acid	27000	MT/A
21	Calcium Sulphate	37400	MT/A
22	Sodium Hypochlorite	3000	MT/A
23	Thionyl Chloride	5000	MT/A
24	Potassium Sulphate	11000	MT/A
25	Potassium Carbonate	5000	MT/A
26	Potassium bicarbonate	20000	MT/A
27	Potassium Bromide	20000	MT/A
28	Chlorine	10445	MT/A
29	Hydrogen	297	MT/A

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

Sr No	Description	Permitted (in CMD)	Standards to	Disposal Path
1.	Trade effluent	1343	As per Schedule-I	Partly recycle 1164 CMD & partly CETP 179 CMD
2.	Domestic effluent	38	As per Schedule-I	On land for gardening

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

Sr No.	Stack No.	Description of stack / source	Number of Stack	Standards to be achieved
1	S-1	D. G. Set-1 [1500 KVA]	1	As per Schedule -II
2	S-2	D. G. Set-2 [1500 KVA]	1	As per Schedule -II
3	S - 3	D. G. Set-3 [1500 KVA]	1	As per Schedule -II
4	S-4	D. G. Set-3 [1500 KVA]	1	As per Schedule -II
5	S-6	Process Plant	1	As per Schedule -II

Sr No.	Stack No.	Description of stack / source	Number of Stack	Standards to be achieved
6	S - 9	KOH Plant	1	As per Schedule -II
7	S-5	Process Plant	1	As per Schedule -II
8	S-8	Process Plant	1	As per Schedule -II
9	S-7	Process Plant	1	As per Schedule -II
10	S-10	Boiler (Coal Feed)	1	As per Schedule -II
11	S-11	Thionyl Chloride Preparation	1	As per Schedule -II

6. **Non-Hazardous Wastes:**

Sr No	Type of Waste	Quantity	UoM	Treatment	Disposal
1	Packing material	53	MT/A	NA	Sale to the party for recycle/ co-processing
2	Civil debris	136	MT/A	NA	Landfilling within the factory
3	Insulation material	183	MT/A	NA	Sale to the party for recycle.
4	Metallic scrap	290	MT/A	NA	Sale to the party for recycle.
5	Rubber hand gloves	44	MT/A	NA	Sale to the party for recycle/Incineration at GCL Unit1/CHWTSDF.
6	Non Metallic scrap	136	MT/A	NA	Sale to the party for recycle.
7	Fly Ash	954	MT/A	NA	Sale to cement, Brick manufacturer & Road construction contractor

7. **Conditions under Hazardous & Other Wastes (M & T M) Rules 2016 for Collection, Segregation, Storage, Transportation, Treatment and Disposal of hazardous waste:**

Sr No	Category No./ Type	Quantity	UoM	Treatment	Disposal
1	35.3 Chemical sludge from waste water treatment	2920	MT/A	Landfill	CHWTSDF
2	5.2 Wastes or residues containing oil	4.5	MT/A	Co-processing through authorized pre-processor/ Incineration	Pre-processor/Co-processor/ Incineration at unit -1/Incineration at CHWTSDF
3	35.3 Chemical sludge from waste water treatment	10585	MT/A	Landfill	MEE Solids for Landfill at CHWTSDF

Sr No	Category No./ Type	Quantity	UoM	Treatment	Disposal
4	19.1 Residue or sludge containing phenol	1835	MT/A	Landfill	CHWTSDF
5	33.1 Empty barrels /containers /liners contaminated with hazardous chemicals /wastes	155	MT/A	Decontamination/Incineration	Sale to Auth. party after decontamination Party/Sale to auth. decontamination facility/ Incineration
6	20.2 Spent solvents	275	MT/A	Co-processing through authorized pre-processor/ Incineration	Pre-processor/Co-processor/ Incineration at unit -1/ CHWTSDF
7	20.3 Distillation residues	2550	MT/A	Co-processing through authorized pre-processor/ Incineration	Pre-processor/Co-processor/ Incineration at unit -1/ CHWTSDF
8	28.3 Spent carbon	50	MT/A	Co-processing through authorized pre-processor/ Incineration	Pre-processor/Co-processor/ Incineration at unit -1/ CHWTSDF
9	33.2 Contaminated cotton rags or other cleaning materials	4.5	MT/A	Incineration	Incineration at GCL,Unit1/CHWTSDF
10	5.1 Used or spent oil	12	MT/A	Recycle/Co-processing through authorized pre-processor/ Incineration	Sale to Auth. Recycler/ Preprocessor/Coprocessor/Incineration at GCL Unit1/CHWTSDF

8. **Conditions under E-Waste Management:**


Sr No	Type of Waste	Quantity	UoM	Disposal Path
1	E-Waste	3.00	MT/A	Sale to authorized recycler.

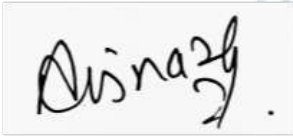
9. The Board reserves the right to review, amend, suspend, revoke this consent and the same shall be binding on the industry.
10. This consent should not be construed as exemption from obtaining necessary NOC/ permission from any other Government authorities.
11. The applicant should not take any effective steps for implementation of the project before obtaining Environmental Clearance as per EIA Notification 2006 and amendments thereto. As per Para 2 of EIA notification dated- 14.09.2006, the effective steps include starting of any construction work or preparation of land by the project management. However as clarified by the MoEF vide office memorandum no. J-1103/41/2006-IA.II(I); Dated- 19/08/2010, fencing of the site to protect it from getting encroached and construction of temporary shed(s) for the guard(s) & acquisition of land not be treated as an effective step.

12. This consent is issued with overriding effect on Earlier consent to Establish granted by the Board vide No:-Format1.0/CAC/UAN No.0000081553/CE-2008000934 dated 26.08.2020.
13. This consent is issued pursuant to the decision of the 6th Consent Appraisal Committee Meeting held on 03.09.2024.
14. The applicant shall comply with the conditions of the Environment Clearance vide No. SEIAA-EC-0000002261 dated 11.06.2020.
15. Industry shall install online continuous monitoring system as per CPCB guidelines & data to be transmitted directly from Data Logger to Board server .
16. The applicant shall obtain Consent to Operate from Maharashtra Pollution Control Board before actual commencement of the Unit/Activity. (Operate)
17. Industry shall submit/extend bank guarantee of Rs. 25 lakh towards compliance of consent conditions and Environment Clearance conditions.
18. The industry shall create an Environment Cell by appointing an Environmental Engineer / Expert for looking after day-to-day activities related to Environment / Pollution control.

This consent is issued on the basis of information/documents submitted by the Applicant/Project Proponent, if it has been observed that the information submitted by the Applicant/Project Proponent is false, misleading or fraudulent, the Board reserves its right to revoke the consent & further legal action will be initiated against the Applicant/Project Proponent.








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Signed by: Dr.Avinash Dhakne
 Member Secretary
 For and on behalf of,
Maharashtra Pollution Control Board
 ms@mpcb.gov.in
 2024-09-27 22:15:17 IST



Received Consent fee of -

Sr.No	Amount(Rs.)	Transaction/DR.No.	Date	Transaction Type
1	643060.00	TXN2405002919	16/05/2024	Online Payment

Copy to:

1. Regional Officer, MPCB, Kolhapur and Sub-Regional Officer, MPCB, Chiplun
 - They are directed to ensure the compliance of the consent conditions.
2. Chief Accounts Officer, MPCB, Sion, Mumbai
3. CC-CAC updating.

SCHEDULE-I

Terms & conditions for compliance of Water Pollution Control:

1. A] As per your application, you have proposed to provide Effluent Treatment Plant (ETP) of designed capacity of 850.00 CMD consisting of Primary (Collection tank, Neutralization tank, Equalization tank), Secondary (Activated sludge process, MBR), Tertiary (Pressure sand filter), Advanced treatment (3 stage) for the treatment of 1343 CMD of trade effluent.
- 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	Limiting concentration not to exceed in mg/l, except for pH
(1)	pH	6.0 -8.5
(2)	BOD (3 days 27°C)	100
(3)	COD	250
(4)	TSS	100
(5)	Oil & Grease	10
(6)	Ammonical Nitrogen	100
(7)	Bio - Assay Test**	90% Survival of Fish after first 96 hours in 100% effluent
(8)	***Benzene	0.1
(9)	***Xylene	0.12
(10)	***Methylene Chloride	0.9
(11)	***Chlorobenzene	0.2
(12)	Phosphates as P	5

- C] The Industry shall ensure connectivity online monitoring system to the MPCB server including separate energy meter for pollution control system.
- D] The treated effluent of 1164 CMD shall be recycled for secondary purposes to the maximum extent and remaining 179 CMD shall be discharged to CETP after confirming above standards. In no case, effluent shall find its way for gardening / outside factory premises.
2. A] As per your application, you have provided Sewage Treatment Plant of designed capacity 50 CMD for the treatment of 38 CMD of sewage.
- B] The Applicant shall operate the sewage treatment system to treat the sewage so as to achieve the following standards.

Sr.No	Parameters	Standards (mg/l)	
1	Suspended Solids	Not to exceed	50
2	BOD 3 days 27°C	Not to exceed	30

C] The treated sewage shall be recycled for secondary purposes to the maximum extent and remaining shall be discharged on land for gardening within premise after confirming above standards. In no case, sewage shall find its way for gardening / outside factory premises.

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 there of & 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 an 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) Act, 1974 and as amended, by installing water meters 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	1845.00
2.	Domestic purpose	49.00
3.	Processing whereby water gets polluted & pollutants are easily biodegradable	711.00
4.	Processing whereby water gets polluted & pollutants are not easily biodegradable and are toxic	0.00
5.	Gardening	70

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 proposed to provide the Air pollution control (APC) system and also to erect following stack (s) to observe the following fuel pattern:

Stack No.	Source	APC System provided/proposed	Stack Height(in mtr)	Type of Fuel	Sulphur Content(in %)	Pollutant	Standard
S-1	D. G. Set-1 [1500 KVA]	Acoustic Enclosure Stack	17.00	High Speed Diesel 230 Ltr/Hr	1	SO2	110.4 Kg/Day
S-2	D. G. Set-2 [1500 KVA]	Acoustic Enclosure Stack	17.00	High Speed Diesel 230 Ltr/Hr	1	SO2	110.4 Kg/Day

Stack No.	Source	APC System provided/proposed	Stack Height(in mtr)	Type of Fuel	Sulphur Content(in %)	Pollutant	Standard
S - 3	D. G. Set-3 [1500 KVA]	Acoustic Enclosure Stack	17.00	High Speed Diesel 230 Ltr/Hr	1	SO2	110.4 Kg/Day
S-4	D. G. Set-3 [1500 KVA]	Acoustic Enclosure Stack	17.00	High Speed Diesel 230 Ltr/Hr	1	SO2	110.4 Kg/Day
S-6	Process Plant	Stack	30.00	Not Applicable 0 --NA--	-	NOx	50 PPM
S - 9	KOH Plant	Stack	30.00	Not Applicable 0 --NA--	-	Chlorine	35 PPM
S-5	Process Plant	Stack	30.00	Not Applicable 0 --NA--	-	SO2	50 PPM
S-8	Process Plant	Stack	30.00	Not Applicable 0 --NA--	-	HCl	35 PPM
S-7	Process Plant	Stack	30.00	Not Applicable 0 --NA--	-	NOx	50 PPM
S-10	Boiler (Coal Feed)	Stack	35.00	Coal (imported) 2083 Kg/Hr	0.5	SO2	100 Mg/Nm ³
						NOx	100 Mg/Nm ³
						TPM	30 Mg/Nm ³
S-11	Thionyl Chloride Preparation	Stack	10.00	Not Applicable 0 --NA--	-	Chlorine	35 PPM

- 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.
- 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.
- 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 (C2E/C2O/C2R)	Amt of BG Imposed	Submission Period	Purpose of BG	Compliance Period	Validity Date
1	C to E (Exp.)	2500000	15 days/extend	Towards compliance of consent conditions.	upto C to1stO	upto C to1stO

If the above Bank Guarantee is not submitted within stipulated period, then 12% interest will be levied as a penalty as per circular dtd 29/02/2024 No. BO/MPCB/AS(T)/Circular/B-240229FTS0122

BG Forfeiture History

Srno.	Consent (C2E/C2O/C2R)	Amount of BG imposed	Submission Period	Purpose of BG	Amount of BG Forfeiture	Reason of BG Forfeiture
NA						

BG Return details

Srno.	Consent (C2E/C2O/C2R)	BG imposed	Purpose of BG	Amount of BG Returned
NA				



SCHEDULE-IV

General Conditions:

1. Consumers or bulk consumers of electrical and electronic equipment listed in Schedule I shall ensure that e-waste generated by them is channelised through collection centre or dealer of authorised producer or dismantler or recycler or through the designated take back service provider of the producer to authorised dismantler or recycler
2. Bulk consumers of electrical and electronic equipment listed in Schedule I shall maintain records of e-waste generated by them in Form-2 and make such records available for scrutiny by the concerned State Pollution Control Board
3. Consumers or bulk consumers of electrical and electronic equipment listed in Schedule I shall ensure that such end-of-life electrical and electronic equipment are not admixed with e-waste containing radioactive material as covered under the provisions of the Atomic Energy Act, 1962 (33 of 1962) and rules made there under;
4. Bulk consumers of electrical and electronic equipment listed in Schedule I shall file annual returns in Form-3, to the concerned State Pollution Control Board on or before the 30th day of June following the financial year to which that return relates. In case of the bulk consumer with multiple offices in a State, one annual return combining information from all the offices shall be filed to the concerned State Pollution Control Board on or before the 30th day of June following the financial year to which that return relates.
5. Specific Conditions for storage, Handling and Disposal of Waste from Electrical & Electronic equipment (WEEE):
 1. **Collection of WEEE** - The applicant must provide appropriate and dedicated vehicles duly identified as per the norms for transportation of Hazardous Waste. The applicant shall obtain all the required permits for transportation of WEEE from competent authority. The applicant shall ensure the safe transport of the WEEE without any spillage during transportation.

Storage for disassembled parts: The applicant must provide appropriate storage for disassembled spare parts from WEEE. Some spare parts (e.g. motors and compressors) will contain oil and/or other fluids. Such part must be appropriately segregated and stored in containers that are secured such that oil and other fluids cannot escape from them. These containers must be stored on an area with an area with an impermeable surface and a sealed drainage system.
 2. **Storage for other components and residues:** Other components and residues arising from the treatment of WEEE will need to be contained following their removal for disposal or recovery. Where they contain hazardous substances they should be stored on impermeable surface and in appropriate containers or bays with weatherproof covering. Containers should be clearly labelled to identify their contents and must be secured so that liquids, including rain water cannot enter them. Components should be segregated having regard to their eventual destinations and the compatibility of the component types. All batteries should be handled and stored having regard to the potential fire risk associated with them.
 3. **Balances :** WEEE Guidelines also requires that sites for handling of WEEE have "balances to measure the weight of the segregated waste". The objective is to ensure that a record of weights can be maintained of WEEE entering a facility and components and materials leaving each site (together with their destinations). The nature of the weighing equipment should be appropriate for the type and quantity of WEEE being processed.

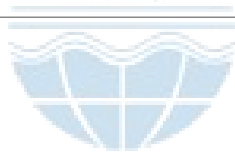
4. Plastic, which cannot be recycled and is hazardous in nature, is recommended to be land filled in nearby CHWTSDF.
 5. Ferrous and nonferrous metal recycling facilities fall under the purview of existing environmental regulations for air, water, noise, land and soil pollution and generation of hazardous waste and the same should be followed.
 6. CFCS should be either reused or incinerated in common hazardous waste Incineration facilities at CHWTSDF.
 7. Waste Oil should be either reused or incinerated in common hazardous waste incineration facilities.
 8. PCB's containing capacitors shall be incinerated in common hazardous waste incineration facilities at CHWTSDF.
 9. Mercury recovery and lead recycling facilities from batteries fall under the Hazardous & Other Wastes (M & TM) Rules, 2016.
 10. Existing environmental regulations for air; water; noise, land and soil pollution and generation of hazardous waste and the same should be followed. In case Mercury or lead recovery is very low, they can be temporarily stored at e-waste recycling facility and later disposed in TSDF.
 11. The industry shall maintain records of the e-waste purchased, processed in Form-2 and shall file annual returns of its activities of previous year in Form-3 as per Rules 11(9) & 13(3)(vii) of the E-Waste(M) Rules, 2016; on or before 30th day of June of every year.
6. The Energy source for lighting purpose shall preferably be LED based
 7. The PP shall harvest rainwater from roof tops of the buildings and storm water drains to recharge the ground water and utilize the same for different industrial applications within the plant
 8. 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 siting 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 MoEFCC, India on Environment (Protection) second Amendment Rules vide GSR 371(E) dated 17.05.2002 and its amendments regarding noise limit for generator sets run with diesel.
 9. The applicant shall maintain good housekeeping.

10. 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.
11. 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.
12. The Board reserves the right to review, amend, suspend, revoke this consent and the same shall be binding upon you.
13. The industry shall submit quarterly statement in respect of industries obligation towards consent and pollution control compliance's duly supported with documentary evidences (format can downloaded from MPCB official site).
14. The industry shall submit official e-mail address and any change will be duly informed to the MPCB.
15. The industry shall achieve the National Ambient Air Quality standards prescribed vide Government of India, Notification No. B-29016/20/90/PCI-L dated. 18.11.2009 as amended.
16. This consent should not be construed as exemption from obtaining necessary NOC/ permission from any other Government authorities.
17. 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.
18. You shall operate OCEMS installed for source emission round 'O' clock and transmit data online to CPCB and MPCB server. You shall also monitor effluent quality, stack emissions and ambient air quality monthly/quarterly. You shall conduct Dioxin Furan monitoring by third party NABL Accredited agency once in year and submit report to Sub Regional Officer.
19. You shall ensure collection, and segregation of BMW regularly to treat and dispose Off within 48 hrs from generation.
20. 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.
21. 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.
22. The industry shall recycle/reprocess/reuse/recover Hazardous Waste as per the provision contain in the Hazardous and Other Wastes (M & TM) Rules 2016, 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.
23. An inspection book shall be opened and made available to the Board's officers during their visit to the applicant.

24. You shall not Rent, Lend, Sell, Transfer or Close Down the facility or otherwise transport the Bio Medical waste for any other purpose without obtaining prior written permission of the MPC Board.
25. 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.
26. Neither storm water nor discharge from other premises shall be allowed to mix with the effluents from the factory.
27. The industry should not cause any nuisance in surrounding area.
28. 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.
29. You shall ensure that fugitive emissions from the activity are controlled so as to maintain clean and safe environment in and around the facility premises.
30. 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.
31. 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 an extension or addition thereto
32. 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.
33. The applicant shall bring minimum 33% of the available open land under green coverage/ plantation. The applicant shall submit a yearly statement by 30th September every year on available open plot area, number of trees surviving as on 31st March of the year and number of trees planted by September end.
34. 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.
35. The firm shall submit to this office, the 30th day of September every year, the Environment 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.
36. You should monitor effluent quality, stack emissions and ambient air quality monthly/quarterly. You shall conduct Dioxin Furan monitoring by third party NABL Accredited agency once in every year and submit report to Sub Regional Officer.

37. 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).
38. 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.
39. You shall obtain necessary prior permission for providing additional control equipment with necessary specifications and operation thereof or alteration or 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.
40. You 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).
41. You shall create the Environmental Cell by appointing an Environmental Engineer and Chemist for looking after day-to-day activities related to compliance of CCA.
42. You should comply with the Hazardous and Other Wastes (M & TM) Rules, 2016 , Bio Medical Waste Management Rules,2016 and submit the Annual Returns as per Rule 6(5) & 20(2) of Hazardous and Other Wastes (M & TM) Rules, 2016 for the preceding year in Form-IV by 30th June of every year

This certificate is digitally & electronically signed.



गोंधळेकर आदी बहुसंख्य समाजबाधक उपास्यत हात.

PUBLIC ANNOUNCEMENT

"Proposed establishment of Synthetic organic chemical manufacturing facility" at Unit-5, Plot No. D-1/1, Lote Parshuram, MIDC, by Gharda Chemicals Limited has been accorded Environmental Clearance by the Govt. of Maharashtra vide SEIAA statement no. 000002261 dated 11th June, 2020. Copy of the said environmental clearance is available with Maharashtra Pollution Control Board & on website of the Maharashtra Environment Department at https://www.ecmpcb.in/login/granted_ec_certificate.

Date : 17.06.2020

Gharda Chemicals Limited
Authorized Signatory

जाहीर सूचना

सर्व संबंधितांना माहिती देण्यात येते की, घरडा केमिकल्स लिमिटेड, युनिट नं. ५, प्लॉट डी-१/१ लोटे परशुराम एम. आय. डी. सी.च्या सिंथेटिक ऑर्गॅनिक केमिकल मॅन्युफॅक्चरिंग प्रस्तावित प्रकल्पास महाराष्ट्र सरकारच्या राज्यस्तरीय पर्यावरणीय आघात मूल्यांकन समितीने संमती संदर्भ क्र. ००००००२२६१, दिनांक ११ जून २०२० रोजी दिली आहे. सदर पर्यावरणीय संमती पत्राची प्रत महाराष्ट्र प्रदूषण नियंत्रण मंडळाच्या तसेच मंत्रालयाच्या पर्यावरणीय विभागाच्या https://www.ecmbpcb.in/login/granted_ec_certificate या संकेतस्थळावर उपलब्ध आहे.

दिनांक: १७.०६.२०२०

घरडा केमिकल्स लिमिटेड
अधिकृत सहीधारक



आल्यावर
जाण्यासाठी
करावी
रलेला नाही
ावे, असेही
ले.

लाटून दखल अनक धनगर वाड्या काळखात आहेत. बहुतांश धनगर
समाज नागरिकांचे संसार उध्वस्त झाले आहेत. अनेक ठिकाणी घरे, गोठे
चक्रीवादळात उध्वस्त झाले आहेत. या बांधवाच्या समस्यांना कोणी वाली
आहे का? असाच प्रश्न आता बांधवामधून विचारला जात आहे.

सान



तर
पडलेल्या

ल्या आहेत.
कली तरीही
ढ उभारलेलं
सार हे सारं
व्या परिसरात
त अॅनालॉग
जायचे. पैसे
ची. वर्तमान
ामुळे पैसे न
ालक म्हणून
क रिचार्जचे
चे. वयाच्या
ोण भागात हे
ंपल्यासारखं

PUBLIC ANNOUNCEMENT

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Date: 17/06/2020

Gharda Chemicals Limited

Authorized Signatory

जाहीर सुचना

सर्व संबंधितांना माहिती देण्यात येते की, घरडा केमिकल्स लिमिटेड, युनिट नं. ५, प्लॉट डी १/१ लोटे परशुराम एम.आय.डी.सी.च्या सिंथेटिक ऑर्गेनिक केमिकल मॅन्युफॅक्चरींग प्रस्तावित प्रकल्पास महाराष्ट्र सरकारच्या राज्यस्तरीय पर्यावरणीय आघात मूल्यांकन समितीने संमती संदर्भ क्रमांक ००००००२२६१ दि. ११ जून २०२० रोजी दिली आहे. सदर पर्यावरणीय संमती पत्राची प्रत महाराष्ट्र प्रदूषण नियंत्रण मंडळाच्या तसेच मंत्रालयाच्या पर्यावरणीय विभागाच्या https://www.ecmpcb.in/login/granted_ec_certificate. या संकेतस्थळावर उपलब्ध आहे.

दिनांक : १७/०६/२०२०

घरडा केमिकल्स लिमिटेड

अधिकृत सहीधारक



Annexure-07

GADARK LAB PVT. LTD.**INDUSTRIAL ANALYSTS & CONSULTANTS**

LAB.: H-54, Additional M.I.D.C. Kudal, Taluka - Kudal, District - Sindhudurg - 416 525.
Tel. : (02362) 223519 • E-mail : info@gadark.in • Website : www.gadark.in

OFF.: 15, Hindustan Kohinoor Industrial Complex, L.B.S. Marg, Vikhroli (West), Mumbai - 83.
Tel.: (022) 2577 7069 / 2577 7070 / 2085 0091 • +91 93213 12367

TEST REPORT

Doc.No : GLPL/QF/7.8/03

Test Report No.	GA/GC/0441/24	Test Report Date	18/04/2024
Customer Name and Address	M/s. GHARDA CHEMICALS LIMITED UNIT NO. 5, PLOT NO. D-1/1, MIDC LOTE PARSHURAM, TAL.-KHED, DIST.-RATNAGIRI - 415 722.		
Letter Ref / Date	---	Page No.	1 of 1
Sampling Done By	GLPL	Sample Received on	13/04/2024
Sampling Plan	GLPL/QF/7.3/06	Analysis Period	15/04/2024 To 18/04/2024

SAMPLING DETAILS - AMBIENT AIR MONITORING :-

Sampling Location	Near Main Gate			
Date of Sampling	12/04/2024			
Time of Sampling [Hrs]	13:10			
Duration of Sampling [Hrs]	24			
Ambient Temperature [°C]	Min.	30	Max.	35
Relative Humidity [%]	Min.	38	Max.	70

ANALYSIS REPORT :-

Parameters	Unit	Results	*N.A.A.Q.S.	Sampling & Analysis Methods
PM ₁₀	µg/m ³	56.3	100.0	IS 5182 (Part XXIII) 2006
PM _{2.5}	µg/m ³	24.1	60.0	IS 5182 (Part XXIV) 2019
SO ₂	µg/m ³	22.6	80.0	IS 5182 (Part II) 2001
NO ₂	µg/m ³	21.6	80.0	IS 5182 (Part VI) 2006
CO	mg/m ³	0.72	2.0 for 8 Hrs.	IS 5182 (Part X) 1999
Lead	µg/m ³	< 0.0004	1.0	IS 5182 (Part XXII) 2004
Ozone	µg/m ³	< 1.0	100.0 for 8 Hrs.	ISC Method of Air Sampling & Analysis 3 rd Edition, Method 411 2016
Ammonia	µg/m ³	< 1.0	400.0	ISC Method of Air Sampling & Analysis 3 rd Edition, Method 401 2016
Benzene	µg/m ³	< 1.0	5.0	IS 5182 (Part XI) 2006
Benzo Pyrene	ng/m ³	< 0.1	1.0	IS 5182 (Part XII):2004
Arsenic	ng/m ³	< 0.4	6.0	IS 5182 (Part XXII) 2004
Nickel	ng/m ³	< 0.4	20.0	IS 5182 (Part XXVI) 2020

*N.A.A.Q.S. – National Ambient Air Quality Standards

End

For GADARK LAB PVT. LTD.

AUTHORISED SIGNATORY
[SACHIN B. GAONKAR]**CHECKED BY****Note :**

1. The results relate only to the samples tested.
2. Test Report shall not be reproduced except in full, without written approval of the laboratory.
3. Samples will be preserved for a period 15 days from the delivery of Test Report.
4. Test Results relate only to the conditions prevailing at the time of sampling.
5. Customer complaint register is available at laboratory.
6. Calibration details of the equipment's used in monitoring and / or analysis is back side of analysis report.



GADARK LAB PVT. LTD.

INDUSTRIAL ANALYSTS & CONSULTANTS

LAB.: H-54, Additional M.I.D.C. Kudal, Taluka - Kudal, District - Sindhudurg - 416 525.

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OFF.: 15, Hindustan Kohinoor Industrial Complex, L.B.S. Marg, Vikhroli (West), Mumbai - 83.

Tel.: (022) 2577 7069 / 2577 7070 / 2085 0091 • +91 93213 12367

TEST REPORT

Doc.No : GLPL/QF/7.8/03

Test Report No.	GA/24/07/274	Test Report Date	31/07/2024
Customer Name and Address	M/s. GHARDA CHEMICALS LIMITED UNIT NO. 5, PLOT NO. D-1/1, MIDC LOTE PARSHURAM, TAL.-KHED, DIST.-RATNAGIRI - 415 722.		
Letter Ref / Date	---	Page No.	1 of 1
Sampling Done By	GLPL	Sample Received on	26/07/2024
Sampling Plan	GLPL/QF/7.3/06	Analysis Period	27/07/2024 To 31/07/2024

SAMPLING DETAILS - AMBIENT AIR MONITORING :-

Sampling Location	Near Main Gate			
Date of Sampling	25/07/2024			
Time of Sampling [Hrs]	12:45			
Duration of Sampling [Hrs]	24			
Ambient Temperature [°C]	Min.	22	Max.	29
Relative Humidity [%]	Min.	80	Max.	97

ANALYSIS REPORT :-

Parameters	Unit	Results	*N.A.A.Q.S.	Sampling & Analysis Methods
PM ₁₀	µg/m ³	52.4	100.0	IS 5182 (Part XXIII) 2006
PM _{2.5}	µg/m ³	20.8	60.0	IS 5182 (Part XXIV) 2019
SO ₂	µg/m ³	19.4	80.0	IS 5182 (Part II) 2001
NO ₂	µg/m ³	19.7	80.0	IS 5182 (Part VI) 2006
CO	mg/m ³	0.61	2.0 for 8 Hrs.	IS 5182 (Part X) 1999
Lead	µg/m ³	< 0.0004	1.0	IS 5182 (Part XXII) 2004
Ozone	µg/m ³	< 1.0	100.0 for 8 Hrs.	ISC Method of Air Sampling & Analysis 3 rd Edition, Method 411 2016
Ammonia	µg/m ³	< 1.0	400.0	ISC Method of Air Sampling & Analysis 3 rd Edition, Method 401 2016
Benzene	µg/m ³	< 1.0	5.0	IS 5182 (Part XI) 2006
Benzo Pyrene	ng/m ³	< 0.1	1.0	IS 5182 (Part XII):2004
Arsenic	ng/m ³	< 0.4	6.0	IS 5182 (Part XXII) 2004
Nickel	ng/m ³	< 0.4	20.0	IS 5182 (Part XXVI) 2020

*N.A.A.Q.S. – National Ambient Air Quality Standards

End

For GADARK LAB PVT. LTD.

AUTHORISED SIGNATORY
[SACHIN B. GAONKAR]

CHECKED BY

Note :

1. The results relate only to the samples tested.
2. Test Report shall not be reproduced except in full, without written approval of the laboratory.
3. Samples will be preserved for a period 15 days from the delivery of Test Report.
4. Test Results relate only to the conditions prevailing at the time of sampling.
5. Customer complaint register is available at laboratory.
6. Calibration details of the equipment's used in monitoring and / or analysis is back side of analysis report.



Annexure-08
GADARK LAB PVT. LTD.
INDUSTRIAL ANALYSTS & CONSULTANTS

LAB.: H-54, Additional M.I.D.C. Kudal, Taluka - Kudal, District - Sindhudurg - 416 525.
Tel. : (02362) 223519 • E-mail : info@gadark.in • Website : www.gadark.in

OFF.: 15, Hindustan Kohinoor Industrial Complex, L.B.S. Marg, Vikhroli (West), Mumbai - 83.
Tel.: (022) 2577 7069 / 2577 7070 / 2085 0091 • +91 93213 12367

TEST REPORT

Doc.No : GLPL/QF/7.8/04

Test Report No.	GA/GC/0442/24	Test Report Date	18/04/2024
Customer Name and Address	M/s. GHARDA CHEMICALS LIMITED UNIT NO. 5, PLOT NO. D-1/1, MIDC LOTE PARSHURAM, TAL.-KHED, DIST.-RATNAGIRI - 415 722.		
Letter Ref / Date	---	Page No.	1 of 1
Sampling Plan	GLPL/QF/7.3/06	Measurement Done By	GLPL

AMBIENT NOISE LEVEL MEASUREMENT :

Date of Measurement	12/04/2024
Test Method	IS 9989 Year 1981

Sr. No.	LOCATION	NOISE LEVEL dB (A)	
		DAY TIME 11:50 HRS.	NIGHT TIME 22:25 HRS.
01	East Side	65.9	62.4
02	West Side	65.9	61.0
03	North Side	64.3	61.7
04	South Side	62.4	59.8
M.P.C.B. LIMITS		75.0	70.0

End

For GADARK LAB PVT. LTD.

AUTHORISED SIGNATORY
[SACHIN B. GAONKAR]

CHECKED BY

Note :

1. The results relate only to the samples tested.
2. Test Report shall not be reproduced except in full, without written approval of the laboratory.
3. Test Results relate only to the conditions prevailing at the time of sampling.
4. Customer complaint register is available at laboratory.



GADARK LAB PVT. LTD.

INDUSTRIAL ANALYSTS & CONSULTANTS

LAB.: H-54, Additional M.I.D.C. Kudal, Taluka - Kudal, District - Sindhudurg - 416 525.

Tel. : (02362) 223519 • E-mail : info@gadark.in • Website : www.gadark.in

OFF.: 15, Hindustan Kohinoor Industrial Complex, L.B.S. Marg, Vikhroli (West), Mumbai - 83.

Tel.: (022) 2577 7069 / 2577 7070 / 2085 0091 • +91 93213 12367

TEST REPORT

Doc.No : GLPL/QF/7.8/04

Test Report No.	GA/24/07/275	Test Report Date	31/07/2024
Customer Name and Address	M/s. GHARDA CHEMICALS LIMITED UNIT NO. 5, PLOT NO. D-1/1, MIDC LOTE PARSHURAM, TAL.-KHED, DIST.-RATNAGIRI - 415 722.		
Letter Ref / Date	---	Page No.	1 of 1
Sampling Plan	GLPL/QF/7.3/06	Measurement Done By	GLPL

AMBIENT NOISE LEVEL MEASUREMENT :

Date of Measurement	25/07/2024
Test Method	IS 9989 Year 1981

Sr. No.	LOCATION	NOISE LEVEL dB (A)	
		DAY TIME 11:45 HRS.	NIGHT TIME 22:20 HRS.
01	East Side	66.9	60.3
02	West Side	67.4	62.8
03	North Side	65.8	58.9
04	South Side	57.2	56.2
M.P.C.B. LIMITS		75.0	70.0

End

For GADARK LAB PVT. LTD.

AUTHORISED SIGNATORY
[SACHIN B. GAONKAR]

CHECKED BY

Note :

1. The results relate only to the samples tested.
2. Test Report shall not be reproduced except in full, without written approval of the laboratory.
3. Test Results relate only to the conditions prevailing at the time of sampling.
4. Customer complaint register is available at laboratory.



GHARDA CHEMICALS LIMITED, LOTE & KHERDI OCCUPATIONAL HEALTH CENTER PRE-EMPLOYMENT MEDICAL EXAMINATION

PART-I

PERSONAL DETAILS

LAST NAME <u>Sagvekar</u>	FIRST NAME AND MIDDLE NAME <u>Sagar Ramesh</u>	SEX <input checked="" type="checkbox"/> M <input type="checkbox"/> F	AGE <u>33</u>	DATE OF BIRTH <u>06/12/1991</u>
EMPLOYER <u>Shiv Samarth</u>	EMPLOYEE ID <u> </u> <u>AIL</u>	DEPARTMENT <u>P-7</u>	POSITION <u>Helper</u>	
ADDRESS <u>A/P:- Sukinai, Kherdi</u>				CONTACT NUMBER <u> </u> <u> </u> <u> </u> <u> </u> <u> </u> <u> </u>
MARITAL STATUS <u>Married</u>	EMERGENCY CONTACT NAME <u>9370614175</u>	EMERGENCY CONTACT NUMBER <u>9345924040</u>		

MEDICAL HISTORY

Please answer whether you are suffering or have suffered from the following. If yes, please furnish the details

1) Epilepsy	Yes	No	2) Behavioural Abnormality	Yes	No	3) Diabetes	Yes	No	
4) Surgical Operation	Yes	No	5) Allergy to Food/Medicine	Yes	No	6) Asthma	Yes	No	
7) Rheumatism	Yes	No	8) Frequent cold/bronchitis	Yes	No	9) Accident	Yes	No	
10) Venereal Disease	Yes	No	11) Heart Disease/Blood Pressure	Yes	No	12) Skin Disease	Yes	No	
13) Medication	Yes	No	14) ENT/Hearing Problem:	Yes	No	15) Eye disease	Yes	No	
16) Any other major illness like Jaundice, Typhoid, etc				Yes	No	17) Gynaecological Disorder (In Females)		Yes	No
18) Whether Previously medically unfit			Yes	No	19) Received/Receiving Physical / Mental Disability benefit			Yes	No
20) Personal Habits		Smoking	Yes	No	Alcohol	Yes	No	Any Other <u> </u>	
21) Any Medical/Surgical Illness in Family Members				Yes	No	If Yes then Specify <u> </u>			
22) Any Other point you would like to mention regarding your health <u> </u>									
23) History of Occupational Exposure to Chemicals			Yes	No	If Yes Specify details <u> </u>				
24) Declared Covid-19 positive and completed quarantine period as per govt. guidelines ?				Yes	No	25) Covid Vaccination Status		First Dose	Second Dose
								<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

DECLARATION

I, here declare that the above information is true and if it is found to be incorrect I will be liable for dismissal from the service without any compensation.

Written Consent

I, here by give my consent to disclose the findings of my examination and investigation reports to the company approved Physician, relevant public health services as mandated by law and or as requested by the Management.

Date: <u>07.08.24</u>
Place: <u>Loti</u>

Signature: <u>[Signature]</u>
Name: <u>Sagar Sagvekar</u>

PART - II

MEDICAL ASSESSMENT

To be completed by Occupational Health Nurse/Factory Medical Officer

GENERAL EXAMINATION:

Height:	165	CM	Weight:	72	KG	BMI:		Chest:	Inspiration:		CM	Expiration:		CM
Built:	Average/Strong/Poor		General Condition:	Good/Fair/Poor		Skin:	N							
Throat:	N		Tongue:	N		Tonsils:	N		Teeth:	N		Gums:	N	
Thyroid:	N		Lymph Nodes:	NP		Additional Findings:	—							

EXAMINATION OF EYES:

External Exam.:	N		Squint:	Yes	✓	No	Nystagmus:	Yes	✓	No	Colour Vision:	✓	Normal	Defective
Distant Vision	Without Glasses	Right	6/6	With Glasses	Right		Near Vision	Without Glasses	Right	NG	With Glasses	Right		
		Left	6/6		Left				Left	NG		Left		

EXAMINATION OF EAR, NOSE & THROAT:

External Exam:		Auroscopy:	Right		Left		Tuning Fork Tests:	
Rinnes Test:		Webers Test:	NA			Audiometry Test:		

CARDIO-VASCULAR SYSTEM:

Pulse:	70	/min	✓	Regular	Irregular	Peripheral Pulse:	✓	Felt	Not Felt	Blood Pressure:	114/76	mm of Hg
SPO ₂	99%											
Heart Sounds:	S ₁ S ₂ ⊕		Murmur (If Any):	No		If Yes Specify	—					

RESPIRATORY SYSTEM:

Shape of Chest:	N		Chest Movements:	Symmetrical		Trachea:	Central			
Breath Sounds:	BAC ⊕ clear ⊕		Rhonchi:	Present	✓	Absent	Crepitations:	Present	✓	Absent

GASTRO-INTESTINAL SYSTEM:

Liver:	NP		Spleen:	NP		Any Abdominal Lumps:	NO		Bowel Sounds:	Present	
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CENTRAL NERVOUS SYSTEM:

Behaviour:	✓	Normal	Abnormal	Speech:	✓	Normal	Abnormal	Cranial Nerves:	WNL		
Reflexes: Motor	WNL		Sensory	WNL							

GENITO-URINARY SYSTEM:

Hernia:	Present	✓	Absent	Hydrocele/Varicocele:	Present	✓	Absent	Phimosis/Paraphimosis:	Yes	✓	No	Signs of STD:	Yes	✓	No
---------	---------	---	--------	-----------------------	---------	---	--------	------------------------	-----	---	----	---------------	-----	---	----

GYNAECOLOGICAL AND OBSTETRIC EXAMINATION (FOR FEMALE CANDIDATES):

Menstrual H/O:	Menarche At:		Yrs	LMP:		Regular	✓	Irregular	Gravida:		Para:	
----------------	--------------	--	-----	------	--	---------	---	-----------	----------	--	-------	--

PELVIC EXAMINATION: (FOR MARRIED WOMEN ONLY):

Valva:		Vagina:	NA		Urethra:		Cervix:	
Uterus:		PAP Smear:		Pregnancy Test:				

INVESTIGATION

a) CBC:		b) Hb%:	14.7	c) ESR:		d) SGOT:		e) SGPT:		f) Bld Gr.:	AB +ve
g) Sr Bilirubin:		h) Sr Protein:		i) Sr Creatinine:		j) Blood Urea:					
k) BSL-R:		l) Sr Cholesterol:		m) TG:		n) Urine:		o) Sr Cholinesterase:	9455		
p) ECG:		q) X-Ray Chest:		r) PFT:		s) Audiometry:	18/20/20				
t) Additional Investigation:											



**GHARDA CHEMICALS LTD. LOTE
OCCUPATIONAL HEALTH CENTRE**

LOHC/F/23/00
EFF. DATE 18.03.2023
REV.NO. 00

LAB NO. : 2024/08/009 DEPT : PLANT - 07
NAME OF EMP : MR. SAGAR SAGVEKAR AGE : 33 YRS SEX : MALE
EMPLOYER : SHIV SAMARTH ENT. 1002517 EMP NO. : -
DATE : 02/08/2024

BLOOD GROUP


<u>Investigation</u>	<u>Result</u>
BLOOD GROUP	AB
RH FACTOR	POSITIVE

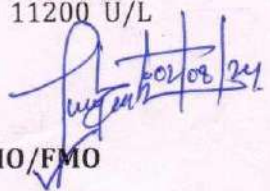
HAEMATOTOLOGY

<u>Investigation</u>	<u>Result</u>	<u>Units</u>	<u>Reference Range</u>
HAEMOGLOBIN	14.7	gm/dl	13 - 18
RBC COUNT	5.84	milli/cumm	4.5 - 6.5
WBC COUNT	8,100	Cells/cumm	4000 - 11000
HCT	46.6	%	35 - 55
MCV	80	fl	75 - 98
MCH	25.1	pg	25 - 35
MCHC	31.5	%	31 - 38
<u>DIFERENCIAL COUNT</u>			
NEUTROPHILS	54	%	45 - 75
LYMPHOCYTES	42	%	15 - 45
EOSINOPHILS	2	%	1 - 6
MONOCYTES	2	%	0 - 10
PLASMAPHILS	0	%	0 - 1
PLATELET COUNT	3.24	lakh/cumm	1.50 - 4.50
PLATELETE MORPHOLOGY	ADEQUATE		
RBC MORPHOLOGY	NORMOCYTIC NORMOCHROMIC		
WBC MORPHOLOGY	WNL		

BIOCHEMISTRY

<u>Investigation</u>	<u>Result</u>	<u>Units</u>	<u>Reference Range</u>
CHOLINESTERASE	9455.0	U/L	5600 - 11200 U/L


SWAPNIL S. SHIRKAR
BSc. MLT, PGDMLT
LAB TECHNICIAN


CMO/FMO

**GHARDA CHEMICALS LIMITED LOTE & KHERDI
PRE-EMPLOYMENT MEDICAL EXAMINATION**

FORM 06

CERTIFICATE OF FITNESS

Sr. No. GCL/TPW/CONTRACT 04/8/24

Date: 02/08/24

2) Name: Sagar Sagnekar

3) Father's Name: Ramesh

4) Sex: Male / Female

5) Residence: Sukivali

6) Date of Birth: 06.12.91

7) Blood Group: _____

8) Physical Fitness: _____

I hereby certify that I have personally examined Mr./Mrs. Sagar Sagnekar Son/Daughter of Mr./Mrs. Ramesh is desirous of being employed in factory and that his / her age as nearly as can be ascertained from my examination is _____ years, and that he / she is **Fit** / **Unfit** for employment in factory as an adult child. His/Her descriptive marks are :

9) Description Marks: _____


10) Reason for :

a) Refusal of Certificate

or

b) Certificate being revoked :

Left hand thumb
impression


Dr. MM
2/8/24
Factory Medical Officer



GHARDA CHEMICALS LIMITED, LOTE & KHERDI OCCUPATIONAL HEALTH CENTER PRE-EMPLOYMENT MEDICAL EXAMINATION

PART - I

PERSONAL DETAILS

LAST NAME Gond	FIRST NAME AND MIDDLE NAME Kishan Kumar Girija	SEX M	AGE 19	DATE OF BIRTH 13/02/2005
EMPLOYER Shri Parshoram Ent.	EMPLOYEE ID [] [] [] [] [] []	DEPARTMENT Auxiliary		POSITION Helper
ADDRESS A/P Avashi Tal. Khed Dist. Parbhani			CONTACT NUMBER 6307332276	
MARITAL STATUS Un married	EMERGENCY CONTACT NAME Satish S. Ambre		EMERGENCY CONTACT NUMBER 8889971547	

MEDICAL HISTORY

Please answer whether you are suffering or have suffered from the following. If yes, please furnish the details

1) Epilepsy	Yes	No <input checked="" type="checkbox"/>	2) Behavioural Abnormality	Yes	No <input checked="" type="checkbox"/>	3) Diabetes	Yes	No <input checked="" type="checkbox"/>		
4) Surgical Operation	Yes	No <input checked="" type="checkbox"/>	5) Allergy to Food/Medicine	Yes	No <input checked="" type="checkbox"/>	6) Asthma	Yes	No <input checked="" type="checkbox"/>		
7) Rheumatism	Yes	No <input checked="" type="checkbox"/>	8) Frequent cold/bronchitis	Yes	No <input checked="" type="checkbox"/>	9) Accident	Yes	No <input checked="" type="checkbox"/>		
10) Venereal Disease	Yes	No <input checked="" type="checkbox"/>	11) Heart Disease/Blood Pressure	Yes	No <input checked="" type="checkbox"/>	12) Skin Disease	Yes	No <input checked="" type="checkbox"/>		
13) Medication	Yes	No <input checked="" type="checkbox"/>	14) ENT/Hearing Problem:	Yes	No <input checked="" type="checkbox"/>	15) Eye disease	Yes	No <input checked="" type="checkbox"/>		
16) Any other major illness like Jaundice, Typhoid, etc			Yes	No <input checked="" type="checkbox"/>	17) Gynaecological Disorder (In Females)			Yes	No <input checked="" type="checkbox"/>	
18) Whether Previously medically unfit			Yes	No <input checked="" type="checkbox"/>	19) Received/Receiving Physical / Mental Disability benefit			Yes	No <input checked="" type="checkbox"/>	
20) Personal Habits		Smoking	Yes	No <input checked="" type="checkbox"/>	Alcohol	Yes	No <input checked="" type="checkbox"/>	Any Other	-	
21) Any Medical/Surgical Illness in Family Members			Yes	No <input checked="" type="checkbox"/>	If Yes then Specify				-	
22) Any Other point you would like to mention regarding your health										
23) History of Occupational Exposure to Chemicals			Yes	No <input checked="" type="checkbox"/>	If Yes Specify details					-
24) Declared Covid-19 positive and completed quarantine period as per govt. guidelines ?			Yes	No <input checked="" type="checkbox"/>	25) Covid Vaccination Status		First Dose	<input checked="" type="checkbox"/>	Second Dose	<input checked="" type="checkbox"/>

DECLARATION

I, here declare that the above information is true and if it is found to be incorrect I will be liable for dismissal from the service without any compensation.

Written Consent

I, here by give my consent to disclose the findings of my examination and investigation reports to the company approved Physician, relevant public health services as mandated by law and or as requested by the Management.

Date: **31/07/2024**

Place: **LoTe**

Signature:

Name

Kishan Kumar Gond
Kishan Kumar G. Gond

PART - II

MEDICAL ASSESSMENT

To be completed by Occupational Health Nurse/Factory Medical Officer

GENERAL EXAMINATION:

Height:	156	CM	Weight:	58	KG	BMI:		Chest:	Inspiration:		CM	Expiration:		CM
Built:	Average/Strong/Poor		General Condition:	Good/Fair/Poor		Skin:	N							
Throat:	N		Tongue:	N		Tonsils:	N		Teeth:	N		Gums:	N	
Thyroid:	N		Lymph Nodes:	NP		Additional Findings:	—							

EXAMINATION OF EYES:

External Exam.:	N		Squint:	Yes	No	Nystagmus:	Yes	No	Colour Vision:	Normal	Defective		
Distant Vision	Without Glasses	Right	6/6	With Glasses	Right		Near Vision	Without Glasses	Right	N6	With Glasses	Right	
		Left	6/6		Left				Left	N6		Left	

EXAMINATION OF EAR, NOSE & THROAT:

External Exam:		Auroscopy:	Right	Left	Tuning Fork Tests:	
Rinnes Test:		Webers Test:	NA		Audiometry Test:	

CARDIO-VASCULAR SYSTEM:

Pulse:	76	/min	Regular	Irregular	Peripheral Pulse:	Felt	Not Felt	Blood Pressure:	110/70	mm of Hg
SPO ₂	96%									
Heart Sounds:	S1S2		Murmur (If Any):	NO		If Yes Specify	—			

RESPIRATORY SYSTEM:

Shape of Chest:	N		Chest Movements:	Symmetrical		Trachea:	Central	
Breath Sounds:	BACD/clear		Rhonchi:	Present	Absent	Crepitations:	Present	Absent

GASTRO-INTESTINAL SYSTEM:

Liver:	NP		Spleen:	NP		Any Abdominal Lumps:	NO		Bowel Sounds:	Present	
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CENTRAL NERVOUS SYSTEM:

Behaviour:	Normal	Abnormal	Speech:	Normal	Abnormal	Cranial Nerves:	LONL	
Reflexes:	Motor	LONL		Sensory	LONL			

GENITO-URINARY SYSTEM:

Hernia:	Present	Absent	Hydrocele/Varicocele:	Present	Absent	Phimosis/Paraphimosis:	Yes	No	Signs of STD:	Yes	No
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GYNAECOLOGICAL AND OBSTETRIC EXAMINATION (FOR FEMALE CANDIDATES):

Menstrual H/O:	Menarche At:		Yrs	LMP:		Regular	Irregular	Gravida:		Para:	
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PELVIC EXAMINATION: (FOR MARRIED WOMEN ONLY):

Valva:		Vagina:	NA		Urethra:		Cervix:	
Uterus:		PAP Smear:			Pregnancy Test:			

INVESTIGATION

a) CBC:		b) Hb%:	15.3	c) ESR:		d) SGOT:		e) SGPT:		f) Bld Gr.:	AB+ve
g) Sr Bilirubin:		h) Sr Protein:		i) Sr Creatinine:		j) Blood Urea:					
k) BSL-R:		l) Sr Cholesterol:		m) TG:		n) Urine:		o) Sr Cholinesterase:	8310		
p) ECG:		q) X-Ray Chest:		r) PFT:		s) Audiometry:	150/18				
t) Additional Investigation:	ST 01										



GHARDA CHEMICALS LTD. LOTE
OCCUPATIONAL HEALTH CENTRE

LOHC/F/23/00
EFF. DATE 18.03.2023
REV.NO. 00

LAB NO. : 2024/08/001 DEPT : AUX
NAME OF EMP : MR. KISHANKUMAR GOND AGE : 19 YRS SEX : MALE
EMPLOYER : SHREE PARSHURAM ENT. 5700004064 EMP NO. :-
DATE : 01/08/2024

BLOOD GROUP

Investigation

BLOOD GROUP
RH FACTOR

Result


AB
POSITIVE

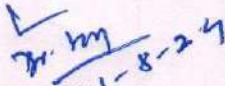
HAEMATOLOGY

<u>Investigation</u>	<u>Result</u>	<u>Units</u>	<u>Reference Range</u>
HAEMOGLOBIN	15.3	gm/dl	13 - 18
RBC COUNT	5.47	milli/cumm	4.5 - 6.5
WBC COUNT	7,800	Cells/cumm	4000 - 11000
HCT	46.9	%	35 - 55
MCV	86	fl	75 - 98
MCH	28	pg	25 - 35
MCHC	32.6	%	31 - 38
<u>DIFERENCIAL COUNT</u>			45 - 75
NEUTROPHILS	64	%	15 - 45
LYMPHOCYTES	31	%	1 - 6
EOSINOPHILS	2	%	0 - 10
MONOCYTES	3	%	0 - 1
BASOPHILS	0	%	1.50 - 4.50
PLATELET COUNT	1.68	lakh/cumm	
PLATELETE MORPHOLOGY	ADEQUATE		
RBC MORPHOLOGY	NORMOCYTIC NORMOCHROMIC		
WBC MORPHOLOGY	WNL		

BIOCHEMISTRY

<u>Investigation</u>	<u>Result</u>	<u>Units</u>	<u>Reference Range</u>
CHOLINESTERASE	8310.0	U/L	5600 - 11200 U/L


SWAPNIL S. SHIRKAR
BSc. MLT, PGDMLT
LAB TECHNICIAN


CMO/FMO 1-8-24

GHARDA CHEMICALS LIMITED LOTE & KHERDI
PER-EMPLOYMENT MEDICAL EXAMINATION

FORM 06

CERTIFICATE OF FITNESS

- 1) Sr. No. GCL/TPIN/CONTRACT 01/5124 Date: 31/07/2024
2) Name: Gond Kishan Kumar
3) Father's Name: Gond Girija
4) Sex: Male / Female 5) Residence: AP Avashi, Khed, Ratnagiri
6) Date of Birth: 13/02/2005 7) Blood Group: AB+ve
8) Physical Fitness: _____
9) Description Marks: _____

I hereby certify that I have personally examined Mr./Mrs. Gond kishankumar Son/Daughter of
Mr./Mrs. Gond Girija is desirous of being employed in factory and that his / her age as nearly
as can be ascertained from my examination is 19 years, and that he / she is FIT / UNFIT for employment in factory.

- 10) Reason for :
a) Refusal of Certificate
or
b) Certificate being revoked :

Left hand thumb
impression

R. Keshav Kumar Gond

Dr. M. 1-8-24
Factory Medical Officer