

STATE LEVEL ENVIRONMENT IMPACT ASSESSMENT AUTHORITY

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

-	
ЧĽ	\cap
Τ.	υ,

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

Subject:Environment Clearance for 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 CII CII CII CII CII CII
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-0000000773) SEIAA-MINUTES-0000003173 SEIAA-EC-0000002261

	MIDC plot allotment					
12.IOD/IOA/Concession/Plan Approval Number	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 approal					
15.Total Plot Area (sq. m.)	91,429 sq. m					
16.Deductions	Not applicable					
17.Net Plot area	91,429 sq. m					
	FSI area (sq. m.): 63,156 sq.m					
18 (a).Proposed Built-up Area (FSI & Non-FSI)	Non FSI area (sq. m.): Not applicable					
	Total BUA area (sq. m.): 63156					
	Approved FSI area (sq. m.):					
18 (b).Approved Built up area as per DCR	Approved Non FSI area (sq. m.):					
5	Date of Approval: 24-04-2019					
19.Total ground coverage (m2)	28558 sq.m					
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open	31.23%					
to sky)						
21.Estimated cost of the project	3139500000					

SEIAA Meeting No: 195 Meeting Date: March 14, 2020 (SEIAA-STATEMENT-0000000773) SEIAA-MINUTES-0000003173 SEIAA-EC-0000002261



Page 2 of 16

Shri. Anil Diggikar (Member Secretary SEIAA)

	22.Production Details									
Serial Number	Proc	luct	Existing	(MT/M)	Pro	posed (MT/M)	-	Fotal (MT/M)		
1	2,5-Dichlo	oro Phenol	()		20000 TPA	20000 TPA			
2	Mono Chlo	ro Benzene	(C		10000 TPA		10000 TPA		
3	Para Dichlo	ro Benzene	(C		9640 TPA		9640 TPA		
4	2,5-Dichl Benz	oro Nitro zene	(0		8400 TPA		8400 TPA		
5	3,4-Dichl Benz	oro Nitro zene	()		3100 TPA		3100 TPA		
6	2,5-Dichlo	ro Aniline	(N	7000 TPA		7000 TPA		
7	3,4-Dichlo	ro Aniline	N	21 ()) <i>P</i>	1((2640 TPA		2640 TPA		
8	2,3-Dichlo	ro Aniline	Uz.	0	207	360 TPA		360 TPA		
9	Potassium	Hydroxide		adad	19	16500 TPA	17	16500 TPA		
10	Nitrosyl	Sulphate	1.69)	ð	68500 TPA	12	68500 TPA		
11	Ortho D Benz	Dichloro zene	500) 🤿	2	3180 TPA	EL.	3180 TPA		
12	Meta D Benz	ichloro zene	The second	0	20	500 TPA	臣	500 TPA		
13	1,2,4-Tr Benz	i Chloro zene				200 TPA	63	200 TPA		
14	1,2,3-Tr Benz	i Chloro zene	HE	0		200 TPA	M	200 TPA		
15	1,3,5-Tr Benz	i Chloro zene	M		200 TPA 200 TPA					
16	2,3-Dichl Benz	oro Nitro zene			430 TPA 430 TPA					
		2	23.Tota	l Wate	r Re	quireme	nt			
		Source of	water	MIDC	$\{()\}$	RWN				
		Fresh wate	er (CMD):	1000 cmd	N					
		Recycled w Flushing (vater - CMD):	1279 cmd						
		Recycled w Gardening	vater - (CMD):							
	Swimming pool make up (Cum):			Nil						
Dry season: Requirement (CMD) :		2279 cmd								
Fire fighting - Underground water tank(CMD):		550 Cubic	Meter t	ank capacity is p	rovided					
		Fire fightin Overhead tank(CMD)	ng - water):	Nil						
		Excess trea	ated water	Nil						

	Source of water	MIDC
	Fresh water (CMD):	1000 cmd
	Recycled water - Flushing (CMD):	1279 cmd
	Recycled water - Gardening (CMD):	NII
	Swimming pool make up (Cum):	NII
Wet season:	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):	NETaalgeorge
	Excess treated water	Nil
Details of Swimming pool (If any)	Not applicable	

SEIAA Meeting No: 195 Meeting Date: March 14, 2020 (SEIAA-STATEMENT-0000000773) SEIAA-MINUTES-0000003173 SEIAA-EC-0000002261



Page 4 of 16

Shri. Anil Diggikar (Member Secretary SEIAA)

24.Details of Total water consumed										
Particula rs	Cons	umption (CM	D)	I	loss (CMD)		Effluent (CMD)			
Water Require ment	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 & thermopa ck	0	1630	1630	AM	888	888	0	742	742	
Gardening	0	70	70	0	70	70	0	0	0	
		1		न्तेवव	181000	Zzy				
		Level of the water table:	Ground	5 m to 20 m	(Ref: CGWB R	atnagiri d	istrict report)		
		Size and no o tank(s) and Quantity:	of RWH	1 no 10m 2	X 20m X 3m	alan	G			
		Location of t tank(s):	he RWH	Near to Eng	ineering godov	wn	HA			
25.Rain V Harvestii	Water ng	Quantity of r pits:	echarge	Nil - roof top rain water collected in tank and reused to utility $\&$ flushing.						
(RWH)	5	Size of recha :	rge pits	Not Applicable						
		Budgetary al (Capital cost	location) :	Rs. 90 Lakh						
		Budgetary al (O & M cost)	location :	Rs. 15 Lakh						
		Details of UG if any :	GT tanks	600 KL tank	will be used fo	or RWH				
DC Storm		Natural wate drainage pat	r tern:	South to No:	rth towards M	IDC comm	ion drain			
drainage	water	Quantity of s water:	torm	975.85 lit/second						
		Size of SWD:		5 nos. of SW	D each of 400	mm X 500) mm			
			<u>a h</u>		20					
Sewage generation in KLD:			35 cmd							
		STP technolo	ogy:	Sewage will aeration tan	be treated in l ks.	ETP plant	along with tr	ade effluent in		
27.Sewage and Capacity of STP (CMD):			No							
Waste w	ater	Location & a the STP:	rea of							
		Budgetary al (Capital cost	location):							
		Budgetary al (O & M cost)	location :							

SEIAA Meeting No: 195 Meeting Date: March 14, 2020 (SEIAA- STATEMENT-0000000773)	
SEIAA-MINUTES-0000003173	
SEIAA-EC-000002261	Page 5



	28.Solid waste Management					
Waste generation in	Waste generation:	Minor quantity of construction debris will be generated during project expansion				
and Construction phase:	Disposal of the construction waste debris:	Construction waste will be disposed off as per Construction and Demolition Waste Rules, 2016.				
	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.				
Waste generation in the operation Phase:	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 et				
	STP Sludge (Dry sludge):	Nil				
	Others if any:	E-waste & Used batteries				
	Dry waste:	Non-Hazardous waste will be sold to authorized recyclers.				
	Wet waste:	Nil				
Made of Dispessi	Hazardous waste:	Hazardous waste swill 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				
of waste:	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.				
	Location(s):	within plot				
Area requirement:	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:	Rs. 30 Lakh				
O&M cost):	O & M cost:	Rs. 601 Lakh				

Page 6 of 16

29.Effluent Charecterestics							
Serial Number	Parameters	UnitInlet Effluent CharecteresticsOutlet Effluent Charecterestics		Outlet Effluent Charecterestics	Effluent discharge standards (MPCB)		
1	pН		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	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 e (CMD):	effluent generation	Domestic effluent: 35 CMD & Trade effluent: 1234 CMD					
Capacity of	the ETP:	1600 cmd	MULLIN	M			
Amount of t recycled :	reated effluent	1279 cmd					
Amount of v	water send to the CETP:	Nil. Zero Li	quid discharge condition	prescribed.			
Membershi	p of CETP (if require):	Available					
Note on ET	P 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 Cl	HWTSDF.			



SEIAA Meeting No: 195 Meeting Date: March 14, 2020 (SEIAA-STATEMENT-0000000773) SEIAA-MINUTES-0000003173 SEIAA-EC-0000002261



Page 7 of 16 SEIAA)

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		275	275	Sale as by product to authorized recycler or re-processor / Incineration.
5	Distillation residues	20.3	TPA	1400	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	मुद्रा	10	10	Sale to authorized recycler or re- processor / CHWTSDF
11	Spent Carbon	28.3	TPA		30	30	Sale to authorized recycler OR re- processor OR Co- processor / Incineration / to CHWTSDF
12	Hydrochloric Acid	Sch II/ B- 15	TPA		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	90	60	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	270	000	Disposal by sell to the authorized users, having valid consent to operate / Disposal as per Hazardous Waste Rules / To CHWTSDF
16	Calcium Sulphate		TPA	TEO TEO	しの	37400	374	100	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	30	00	Disposal by sell to the authorized users, having valid consent to operate / Disposal as per Hazardous Waste Rules / To CHWTSDF
18	E waste	IST.	TPA	0	J	1	Æ	K	Sell to authorized Re processor/CHWTSDF
19	Biomedical Waste		Kg/ month	0	5	100	10	00	CBMWTSDF
20	Used batteries 🖌		Nos./ year	0	6.	150	15	50	Sell to authorized Re processor/ Buy back
		31.St	tacks em	ission	n De	etails			
Serial Number	Section & units	Fuel Used with Quantity		Stack	No.	Height from ground level (m)	Inte diam (n	rnal leter n)	Temp. of Exhaust Gases
1	1510 KVA DG set	HSD- 29	00 Lit/Hr	S1		10.77	0.	.4	135
2	1510 KVA DG set	HSD-29	00 Lit/Hr	S2		10.77	0.	.4	135
3	1510 KVA DG set	HSD-29	00 Lit/Hr	S3		10.77	0.	.4	135
4	1510 KVA DG set	HSD- 29	00 Lit/Hr	S4		10.77	10.77 0.4		135
5	SO2 Cylinder shed	Alkali s	crubber	S 5	2	8	0.3		35
6	NOx stack Nitration	Acid so	rubber	S6		27	0.	80	35
7	HCl stack DCA	Alkali scrubber		S7		27	0.	.1	35
8	NOx stack Mixed Acid Preparation	Acid so	Acid scrubber			27	0.1	15	35
9	Cl2 stack Electrolysis cell	Alkali s	S9	S9 8 0			.3	35	
	32.Details of Fuel to be used								
Serial Number	Type of Fuel		Existing		Proposed				Total
1	HSD		0		1160 I	Lit/Hr in ca oower failure	se of	1160	Lit/Hr in case of power failure

SEIAA Meeting No: 195 Meeting Date: March 14, 2020 (SEIAA- STATEMENT-0000000773) SEIAA-MINUTES-0000003173 SEIAA-EC-0000002261	Page 9 of 16	Shri. Anil Diggikar (Member Secretary SEIAA)
SEIAA Meeting No: 195 Meeting Date: March 14, 2020 (SEIAA- STATEMENT-0000000773) SEIAA-MINUTES-0000003173 SEIAA-EC-0000002261	Page 9 of 16	Shri. Anil Diggikar (Member Secreta SEIAA)

33.Source of Fuel From			nearby source					
34.Mode of Transportation of fuel to site By ro			ad					
	J							
				35.Energ	Iy			
		Source of power supply :		From MSEDCL				
		During Construction Phase: (Demand Load)		1 MVA				
		DG set as Power back-up during construction phase		500 KVA				
Down		During Operation phase (Connected load):		10 MVA	10 MVA			
requiren	nent:	nt: During Operation phase (Demand load):		10 MVA	10 MVA			
		Transformer:		2 MVA of 5 nos.	5			
		DG set as Power back-up during operation phase:		6040 KVA [1510 K	6040 KVA [1510 KVA*4 DG set]			
		Fuel used: HSD						
		Details of high tension line passing through the plot if any:						
		Energy sa	avino	by non-conv	entional r	nethod:		
It is proposed BEE star rated	to install d utility eo	250KW solar energ quipment will be pr	jy pan ropose	els. Lights with low d such as AC, etc.	voltage LED li	ghts& VFD for motors will be provided.		
		36.De	tail	calculations d	& % of sav	ing:		
Serial Number	E	energy Conservati	on Me	easures		Saving %		
1		Solar energy	250 KV		nn	1.0%		
2	LED lights	s in place of CFL & motors	lation of VFD for	ICI	8.0%			
		37.Det	ails	of pollution c	ontrol Sys	stems		
Source		Existing pollutio	n con	trol system	R h1	Proposed to be installed		
AIr pollution- DG set, Process emission					Alkali/ Acid/Water scrubbers			
Air pollution- DG set			-		Stacks			
Water pollution	ater pollution				Pre-treatments, ETP (Pri+Sec+Tert), RO, MEE + ATFD			
Noise				PPEs, Acoustic Enclosures				
Hazardous waste	Hazardous			Disposal to CHWTSDF/ As per H&OW (M&TM) Rule 2016				
Non-Hazardou Waste	Von-Hazardous Waste				Sale to Authorized Vendors			
SEIAA Meeti	SEIAA Meeting No: 195 Meeting Date: March 14, 2020 (SEI STATEMENT-0000000773) SEIAA-MINUTES-0000003173 SEIAA-EC-0000002261			4, 2020 (SEIAA-	Page 10 of 16	Shri. Anil Diggikar (Member Secretary SEIAA)		

E Waste						Sale to Authorized Recycler/ Re-processor			
Used batteries						Sale to Authorized Recyclers			
Bio Medic Waste	Bio Medical Waste				Disposal to CBMWTSDF				
Budgetary allocation Capit		Capital co	ost:						
O&M	cost and cost):	O & M cos	t:						
38.Environmental Management plan Budgetary Allo							getary Allocation		
	a) Construction phase (with Break-up):								
Serial Number	Serial Number Attributes		Parameter		Total Cost per annum (Rs. In Lacs)				
1	Air po manag	llution Jement	Dust supp water sp	Dust suppression or 2					
2	Enviror Moni	nmental toring	Ambient Monitoring		Tar	5			
3	Gree develo	n belt opment	Tree plantation		25				
4	Occupatio saf	nal Health Sety	Safety training & PPEs		8				
		b) Operat	ion Phas	e (wit	h Break-uj	(p):		
Serial Number	Comp	onent	Descr	iption	Capita	al cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)		
1	Air po manag	llution Jement	Scrul	bbers		120	40		
2	Water g con	Water pollution control		on of ETP, Rain water sting, on of storm work etc.	मुद्र	1990	891		
3	Waste ma	Waste management		Construction of storage area for different types of wastes in compliance with HW rules, necessary infrastructure, equipment for collection and transport		³⁰ C n	t of 601		
4	Enviro Monito Manag	Environment Monitoring & Management		Installation of online monitoring, in house monitoring, analytical facilities,		40	10		
5	Gree Develop mainte	Green Belt Development & maintenance		Plantation, irrigation, fertilizers, pesticides		25	15		
6	Green in	Green initiatives		Solar street light & solar panels		200	25		
7	Occupation Sat	ccupational Health & Safety		Construction of OHC and its facilities		25	25		
8	Energy co meas	Energy conservation measures		ar rated oment		25	5		

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

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

					1		1
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		163	Č,	From nearby source	By road
Para Dicholro 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	なし	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	tra	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

SEIAA Meeting No: 195 Meeting Date: March 14, 2020 (SEIAA-STATEMENT-0000000773) SEIAA-MINUTES-0000003173 SEIAA-EC-0000002261

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
S2C12	Proposed	within plot	RM Godown	10		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							

SEIAA Meeting No: 195 Meeting Date: March 14, 2020 (SEIAA-STATEMENT-0000000773) SEIAA-MINUTES-0000003173 SEIAA-EC-0000002261



of Shri. Anil Diggikar (Member Secretary 16 SEIAA)

2mi

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:

1

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.
п	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.

SEIAA Meeting No: 195 Meeting Date: March 14, 2020 (SEIAA-STATEMENT-0000000773) SEIAA-MINUTES-0000003173 SEIAA-EC-0000002261

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.
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. SO2, NOx (ambient levels as well as stack emissions) or critical sectorai 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.

- En Page 15 of
16Shri. Anil Diggikar (Member Secretary
SEIAA) 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, 1stFloor, 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
- 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

