ENVIRONMENTAL CLEARANCE

PARIVESH

(Pro-Active and Responsive Facilitation by Interactive, and Virtuous Environmental Single-Window Hub)

Government of India
Ministry of Environment, Forest and Climate Change
(Issued by the State Environment Impact Assessment Authority(SEIAA), Maharashtra)

To,

The Director
SRI SRI RADHA KRISHNA CHEMICALS PVT. LTD.
26/28 A, Cawasji Patel Street, Fort, Mumbai- 400001 -400001

Subject: Grant of Environmental Clearance (EC) to the proposed Project Activity under the provision of EIA Notification 2006-regarding

Sir/Madam,

This is in reference to your application for Environmental Clearance (EC) in respect of project submitted to the SEIAA vide proposal number SIA/MH/IND3/69515/2021 dated 03 Aug 2022. The particulars of the environmental clearance granted to the project are as below.

1.	**EC Identification No.**	**EC23B000MH159677**
2.	**File No.**	SIA/MH/IND3/69515/2021
3.	**Project Type**	New
4.	**Category**	B1
5.	**Project/Activity including Schedule No.**	N/A
6.	**Name of Project**	
7.	**Name of Company/Organization**	SRI SRI RADHA KRISHNA CHEMICALS PVT. LTD.
8.	**Location of Project**	Maharashtra
9.	**TOR Date**	30 Nov 2021

The project details along with terms and conditions are appended herewith from page no 2 onwards.

Date: 30/05/2023

(e-signed)
Pravin C. Darade , I.A.S.
Member Secretary
SEIAA - (Maharashtra)

Note: A valid environmental clearance shall be one that has EC identification number & E-Sign generated from PARIVESH.Please quote identification number in all future correspondence.

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STATE LEVEL ENVIRONMENT IMPACT ASSESSMENT AUTHORITY

No. SIA/MH/IND3/69515/2021
Environment & Climate Change Department
Room No. 217, 2nd Floor,
Mantralaya, Mumbai- 400032.

To
M/S. Sri Sri Radha Krishna Chemicals Private Limited
Plot No.: F-34 & 35, MIDC Jalgaon, District Jalgaon

Subject: Environmental Clearance for Proposed new project for manufacturing of Chemical Intermediates, Pharma Intermediates & Specialty Chemicals Total Capacity of Products 1104.95 TPM located at Plot No.: F-34 & 35, MIDC Jalgaon, District Jalgaon, Maharashtra 425003 by M/S. Sri Sri Radha Krishna Chemicals Private Limited
Reference: Application no. SIA/MH/IND3/69515/2021

This has reference to your communication on the above mentioned subject. The proposal was considered by the SEAC-1 in its 230th meeting under screening category 5(f) Synthesis of Organic Chemicals as per EIA Notification, 2006 and recommend to SEIAA. Proposal then considered in 259th meeting (Day-3) of State Level Environment Impact Assessment Authority (SEIAA) held on 24.04.2023.

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

Sr. No.	Particulars Required	Details
1	Name of the project & Address along with all corner latitude and longitude	Proposed new project for manufacturing of Chemical Intermediates, Pharma Intermediates & Specialty Chemicals at Plot No. F-34 & F-35, MIDC Jalgaon, Dist. Jalgaon, Maharashtra by Sri Sri Radha Krishna Chemicals Pvt. Ltd. Points / Latitude / Longitude A / 20°58'38.76" N / 75°35'10.39"E B / 20°58'34.25" N / 75°35'12.22"E C / 20°58'33.23" N / 75°35'8.14"E D / 20°58'37.22" N / 75°35'6.36"E Center / 20°58'36.12" N / 75°35'9.03"E
2	Type of Organization (Private /Government/Semi Government etc.)	Private Limited company registered under companies' act 1956.

3	Correspondence Address and contact details of Project Proponent	Mr. Paresh Jhawar Director 26/28 A, Cawasji Patel Street, Fort, Mumbai - 400 001 paresh@benzochem.co.in
4	Type of project (ToR / EC / Amendment in ToR / Amendment in EC / Revalidation / Expansion / Process change etc.)	EC for establishment
5	Category of project as per EIA Notification 2006 amended from time to time (Pl. mention category A, B, B1, B2 etc. whichever is applicable)	Category B-1 as per the EIA Notification 2006 amended from time to time.
6	If earlier ToR is obtained pl. mention details (ToR letter No. & Date, SEAC/EAC Meeting No.)	Proposal No. SIA/MH/IND3/69515/2021 Auto (Standard) ToR issued by SEIAA on 30th November 2021
7	If earlier EC is obtained pl. mention EC Number & Date	1st EC
8	Whether the proposal is a violation case (yes/no)	No
9	Applicability of CRZ clearance (yes /no)	No
10	Whether General /Specific Conditions are applicable to the project (Yes/No) If yes pl. give details	No
11	Whether Scrutiny fees paid as per SEIAA guidelines(Yes/No); If yes pl give payment details	Yes, Fees paid- 4.0 lacs, Date: 29th November 2021
12	Name of accredited Environmental Consultant & address along with Accreditation No. & Validity	Goldfinch Engineering Systems Private Limited Plot No. A-288, Road No. 16Z, Opp. Agricultural Bus Stop, Wagle Industrial Area, Thane West 400604, Maharashtra. NABET/EIA/2023/SA 0161 Valid upto- 08.06.2023
13	Name of layout plan approving Authority	MIDC Jalgaon
14	Estimated cost of Project (in Rs. Lakhs)	Total capital Cost: Rs. 9600 Lakhs
15	Area of project (in Sq. m.)	17700 sq. m.

16	Whether 33% green belt is provided (Yes/No)	Yes.
17	Area of Green Belt & No. of trees in the proposed project in Sq.m. (Pl. provide 2000 trees per hectare of green belt area)	5842.76 m2 (33.00 % of total plot area, Total trees- 1460 nos.)
18	Width of internal roads and turning radius	6m wide with 9m turning radius
19	Details of proposed construction	Total Built-up Area (in Sq.m): Total: 11640.35 Sq.m.

No. of Buildings & Its height in mtrs.

Description	No. of building	Height of building (m)
Process Building	1	20.45
Utility Building (Brine, Chilling plant, Cooling tower, Air compressor, DG set)	1	20.35
ETP	1	12
FG Storage	1	7.785
RM+PM Storage	1	7.87
Admin Building	1	11
Boiler House & Coal Storage	1	18

20 List of Major Raw materials & Storage Details (Pl. add on in the list if necessary)

Sr. No.	Chemicals /Items	Total Consumption in Tons/month	Max quantity of storage at any point of time in Ton	Hazard Category	Proposed precautions to prevent accident	Remarks
1	2-Bromo-p-cresol	278.1	32.09	Toxic	As per	--
2	2-Chloro-5-	56.1	6.47	--	MSDS	--

	propanoylphenylacetic acid methyl ester (CPPM)				
3	4-Methyl Catechol (MCC)	165	19.04	Toxic	--
4	4-Methyl Catechol Diacetic Acid	317.7	36.66	--	--
5	Adamantane	45.77	12.32	--	--
6	Aluminium Chloride	187.18	14.4	Toxic	--
7	Bromine	861	6.58	Toxic	--
8	Hydrochloric acid	727.25	55.94	Corrosive	--
9	Hydrogen Peroxide	196.7	7.57	Corrosive	--
10	Methanol	1340.8	20	Flammable	--
11	Mono Chloro Acetic Acid-MCAA	516.4	59.58	Toxic	--
12	Mono Chloro Benzene	181.2	2.09	Flammable	--
13	n-Butanol (NBA)	495.75	25	Flammable	--
14	Para Chloro Phenol	74.48	5.73	Toxic	--
15	Para Cresol	164.07	25.24	Toxic	--
16	Per Chloro Ethylene	387.6	7.45	Carcinogen	--
17	Phenol	324.7	50	Combustible	--
18	Propionyl chloride	48	9.23	Corrosive and Flammable	--
19	Sodium Carbonate-Soda Ash	150.79	17.4	Toxic & Corrosive	--
20	Sodium Hydroxide/ Caustic Flakes/Soln	1078.25	124.41	Corrosive	--
21	Chlorine	300.48	45	Toxic	--
22	Sulphuric Acid	270.94	41.68	Corrosive	--
23	Toluene	809.78	30	Flammable	--
24	Di Methyl Sulphate	57.35	6.62	Combustible	--
25	Hydrobromic Acid	289.4	22.26	Corrosive	--

21	Production Details		
	Sr. No.	Name of Product	TPM
	1	Para Chloro Phenol	200
	2	Ortho Chloro Phenol-(Generated from manufacturing of PCP)	115
	3	Mono Chloro Phenol or mixed chlorophenol-(Generated from manufacturing of PCP)	36
	4	2 4 Dichloro Phenol	20
	5	2 6 Dichloro Phenol	
	6	5-Chloro 1 Indanone	
	7	(Para Xylene Dichloride) α,α'-Dichloro-p-xylene	
	8	4,4 Dihydroxy Benzophenone	10
	9	N-Phenyl-N-Chloro Acetyl 2,6-Di Chloro Aniline- CAD	
	10	1-Phenyl Oxi Indole	6
	11	N,N'-Diall l-1,3-diaminopropane Dihydrochloride(DAAH)	
	12	2 4 6 Trichlorophenol	
	13	1-(2,4- ichlorophenyl)-2-Imidazole-1 Ethanol (2,4 DIE)	4
	14	2 6 Dimethylphenoxy acetic acid	
	15	2-Bromo 4' Chloro Acetophenone/4-Chloro Phenacyl Bromide	
	16	Pivaloacetonitrile	
	17	OXDC(Ortho Xylene Dichloride)α,α'-Dichloro-o-xylene	
	18	Ortho Benzyl Para C loro Phenol (Liquid)	2
	19	4-Methoxy Phenacyl Bromide	
	20	1-Hydroxy Adamantane	
	21	2-Chloro 3'4 Dihydroxy Acetophenone	
	22	5-Bromo 2 Chloro Benzaldehyde	
	23	1-Methylaminome hyl-1-naphthalene- (Menam Base)	
	24	Menam Acetate	
	25	Para Chloro Phenoxy Acetic Acid	
	26	Ortho Benzyl Para Chloro Phenol (Solid)	
	27	Anisole	60
	28	4-Methyl Catechol Diacetic Acid Dimethyl Ester	30
	29	4-Bromo Anisole	
	30	1-[2-Chloro-4-(4-chlorophenoxy)phenyl]ethan-1-one/ADCPE	15
	31	4-Methyl Catechol	
	32	Para Chlorophenyl Glycine	12
	33	Para Chloro Meta Xylenol	
	34	4-Chloro 4' Hydroxy Benzophenone	
	35	4,4 Dichloro Benzophenone	10
	36	Amantadine HCL/1-Adamantanamine HCL	
	37	Quinazarine	
	38	4-Chloro Anisole	10
	39	Di Chloro Meta Xylenol [2,4 Di Chloro 3,5 Xylenol]	
	40	4 Chloro Acetophenone	
	41	2 4 Dichloro Meta Cresol	8
	42	Dichlorophene Liquid	
	43	Dichlorophene Solid	
	44	2,6 DI CHLORO DI PHENYL AMINE / DCDPAA	

	45	4-Bromo Phenetole	
	46	4-Isoproply Catechol	6
	47	1,3 Dimethoxy Benzene	
	48	3 Chloro Phenol	
	49	Ortho Diethoxy Benzene	
	50	Phenetole	
	51	2-Methyl Anisole	
	52	2-Anilinophenylacetic acid	
	53	5-Chlroro 2 Hydroxy Benzophenone	
	54	2-Amino Benzonitrile	3
	55	4-Hydroxy 3 5 Dimethyl Benzaldehyde	
	56	Oligo X	
	57	4-Methyl Anisole	
	58	5-Bromo 2 Amino Benzonitrile	
	59	4-Hydroxy Acetophenone	
	60	2 6 Dihydroxy Acetophenone	
	61	3-Methyl Anisole	
	62	4 Hydroxy Benzophenone	
	63	2 4 6 Tribromo Aniline	
	64	5-Propionyl-2-Thiophenyl Phenyl Acetic Acid or Methyl Ester (PPP)	
	65	2-Chloro Anisole	
	66	Para Xylene Di Methyl Ether	
	67	4-Methoxy Benzophenone	
	68	2,2',4'-Trichloroacetophenone	
	69	2-Methoxy Phenyl Acetone	2
	70	7-Methoxy 1 Tetralone	
	71	5-Bromo 2-Chloro Benzoic Acid	
	72	3-Bromophenol	
	73	1-Bromo Adamantane	
	74	2,4,6-Tribromophenol	
	75	Indolinone [1-(2,6-dichlorophenyl) indolin-3-one]	
	76	7-Hydroxy 1 Tetralone	
	77	5-(Alpha-Carboxyethyl)-2-(phenylthio)phenylacetic acid Diacid	
	78	N-Methyl-1-Naphthalenemethylamine (Menam HCL)	
	79	Fenofibric Acid	
	80	Para Bromo Phenol	
	81	2-Bromo 5-Hydroxy Benzaldehyde	
	82	4-Bromo Phenyl Acetic Acid	
	83	Benzophenone Hydrazone	
	84	4-Bromophenyl Acetic Acid Methyl Ester	
	85	Para Chloro Benzophenone	
	86	2(1-Adamanyl)-4 Bromo Anisole	
	87	2-Chloro Acetophenone	
	88	1-Chloro Adamantane	0.3
	89	3-Hydroxy Phenyl Acetic Acid- MHPA	
	90	4-Bromo 2-Chloro Phenol	
	91	Bromochlorophen	
	92	HCL solution (30%)	535

	93	HBr solution (48%)	8
	94	4-Tert Butyl Toluene	7.7
	95	Ammonia solution (25%)	3.2
	96	Succinimide	1.75
		Grand Total	1104.95

22 Water Consumption & Effluent generation (All units in CMD)

i) Source & Qty. of water requirement (in CMD): Source: MIDC, Quantity 396.5 CMD

ii) Water supply permission obtained (Yes/No) & approving Authority: Yes, Water comfort letter from MIDC is available.

Particulars Water Requirement	Water consumption (CMD)	Loss to atmosphere (CMD)	Effluent generation (CMD)
Industrial process, Scrubber	43	11	32
Floor, Reactor, vessel & drum washing	5.5	0.5	5
Cooling Towers makeup	264	235	29
Boilers makeup	44	24	20
Total trade effluent (A)	356.5	270.5	86
Domestic (B)	11	2	9
Gardening (C)	29	29	0
Total (A+B+C)	396.5	301.5	95
Live steam condensate from MEE	-	-	9
Water recycled (RO permeate+ from STP)	104	-	-
Net fresh water required	292.5	-	-

The total fresh water requirement of the project for domestic and industrial activity will be 396.5 CMD. After recycling 104 CMD water, it will be reduced to 292.5 CMD.

23	Quantity of sewage generation (in CMD)	9.0 CMD
24	Details of Sewage Treatment and Disposal of treated sewage:	Domestic waste water 9 CMD will be treated in STP of capacity 10 CMD and will be recycled and reused for the gardening in Non-monsoon season and for utilities in Monsoon Season.

25	Detail of Effluent Generation (unit CMD)	

Particulars	Existing	Proposed	Total
a) Qty. of Effluent generation: (CMD)	0	95.0	95.0
b) Qty. of high TDS/COD effluent: (CMD)	0	32.0	32.0
c) Qty. of low TDS/COD effluent: (CMD)	0	63.0	63.0

26	Whether Zero liquid Discharge Effluent Treatment is proposed (Yes/No)	Yes
27	Brief Description of Effluent Treatment scheme	It will be complete ZLD unit. The high COD, high TDS effluent from process will be treated in MEE followed by ATFD. Primary treated low COD, low TDS stream (utility blow downs and washings) along with MEE condensate will be treated in secondary treatment. This treated waste water will be fed to tertiary treatment. Tertiary treated waste water will be passed through RO, RO permeate will be reused in utilities and RO reject will be fed to MEE for further treatment. Salts from MEE will be disposed to CHWTSDF. This will be complete Zero Liquid Discharge (ZLD).
28	Qty. of treated effluent proposed to be sent to CETP (pl. mention Name of CETP and its membership Details)	Nil. This is a Zero liquid discharge unit.
29	Please mention parameters of treated effluent to be achieved as per EP Rule,1986 and or stipulated by the SPCB	

Parameters	UOM	Inlet concentration of composite stream	Outlet concentration of composite stream
pH	--	6.0-7.0	7.0-7.5
COD	mg/lit	32000-33000	50-100
BOD3, 27°C	mg/lit	16000-16100	<30
TSS	mg/lit	250-350	80-100
TDS	mg/lit	86500-87500	50-100

30	Brief Note on proposed Rainwater harvesting scheme along with budget allocation:	Rain water will be collected in the proposed rain water tank of 125 KL capacity. Capital cost: 70 Lacs, Recurring cost: 1.5 Lacs/A

31 Solid Waste management

Sr. No	Type of Waste	UOM	Quantity	Source of generation	Disposal Methods	Please mention plan to reduce solid waste generation if any
1	E-Waste	Kg/annum	100	Office	Sale to Authorized recyclers/ Dismantlers	--
2	Battery Waste	Kg/annum	100	Office	Return to Battery manufacturer through authorized dealer buy back procurement	--
3	Biomedical Waste	Kg/annum	20	OHC	Disposal at Authorized Biomedical waste	--
4	Boiler ash	TPM	279	Boiler	Sale to Brick/Cement manufacturer	--
5	Metal, Wood & paper scrap	TPM	0.5	Office, Manufacturing	Sale	--
6	Pallets	Nos./ month	50	Office, Manufacturing	Reuse/sale to authorized party	--
7	STP Sludge	TPM	0.06	Sewage treatment plant	Used as manure for gardening	--

32 Hazardous Waste Generation & Disposal (As per HW Rule 2016)

Sr. No.	Category	Particulars	Source of Generation	UOM	Quantity	Method& Disposal as per HW rules 2016
1	28.1	Process Residue and wastes	Process	TPM	48	Will be sent for co-processing to cement manufacturer/ Will be Sent to the CHWTSDF
2	28.3	Spent Carbon from process	Process	TPM	0.52	Will be sent for co-

							processing to cement manufacturer/ Will be Sent to the CHWTSDF
	3	28.1	Process Residue and wastes (Spent AlCl3 soln. and Spent HBr MLR)	Process	TPM	.572	Sale to Authorized vendor under rule 9/ CHWTSDF
	4	35.3	MEE salts	ETP	TPM	214	To CHWTSDF
	5	35.3	ETP Sludge	ETP	TPM	9	Will be sent for co-processing to cement manufacturer/ Will be Sent to the CHWTSDF
	6	35.3	Spent Carbon from ETP	ETP	TPM	4	Will be sent for co-processing to cement manufacturer/ Will be Sent to the CHWTSDF
	7	35.3	Spent solvent from Stripper (Before MEE)	Stripper	TPM	4	Sale to authorized party /CHWTSDF
	8	33.1	Discarded Container/Barrels/Liners	Process	Nos./month	500	Sale to authorized party/ CHWTSDF
	9	5.1	Spent Oil	overall manufacturing process	TPM	0.5	Sale to authorized party/ CHWTSDF
33	Fuel Consumption						

Sr. No.	Type of Fuel	Consumption Qty.	Used for Boiler/ DG Set/ Thermopac)	Ash%	SO2%	Air Pollution Control Equipment provided (Yes / No)
1	Indian Coal / Briquette	43 TPD OR	Boiler- 10 TPH	19	0.4	Yes
		49 TPD	Boiler- 10 TPH	5.8	0.3	Yes
2	Indian Coal / Briquette	14 TPD OR	Thermopack 17 LacKcal/hr.	19	0.4	Yes
		15 TPD	Thermopack 17 LacKcal/hr.	5.8	0.3	Yes
3	HSD	324 lit./hr.	DG set - 2 nos. X 750 KVA	0.01	0.50	Yes

Note : DG set will be used in case of emergency only.

34	Brief Note on Air Pollution Control equipment's	Multicyclone followed by Bag filter & low NOx burner for boiler and thermopack. Combined stack of adequate height. Stack of adequate height & Acoustic Enclosure for DG set.

35 Stack Details (Also include process vent details)

Sr. No.	Section /Unit	Source pollution	Stack No.	Stack height (m)	Height form ground in meter	Internal Diameter (mm)	Temperature of exhaust gas
1	Proposed boiler of 10 TPH	PM10, PM2.5, SO2, NOx	1 common stack	35 m	35 m	1200 mm	135°C
2	Proposed Thermopack of 17 LacKcal/hr.	PM10, PM2.5, SO2, NOx					
3	DG set - 2 nos. X 750 KVA	SO2, NOx	2	5.5 meter each above enclosure	5.5 meter each above enclosure	200 mm	160oC

Details of process vents

Parameters Particulars	Process Scrubber HCL Scrubber	HBR Scrubber	NH3 Scrubber
Scrubbing media	1st stage water 2nd stage water	1st stage water 2nd stage water	1st stage water 2nd stage water

	Packing type	3rd stage caustic solution Random Packing, Pall Ring	3rd stage caustic solution Random Packing, Pall Ring	3rd stage caustic solution Random Packing, Pall Ring
	Temp	40°C	40°C	40°C
	Diameter	0.6 m	0.5 m	0.5 m
	MOC	PP/FRP	PP/FRP	PP/FRP
	Shape	Vertical, Cylindrical	Vertical, Cylindrical	Vertical, Cylindrical
	Height	6.0 m	6.0 m	6.5 m
	Pollutant	HCL Fumes	HBR Fumes	Ammonia Fumes
	Flow rate	500 kg/hr.	500 kg/hr.	300 kg/hr.

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Energy
Source of power Supply: MSEDCL,
Maximum Demand: 2200 kW (Connected load) & 1500 kW (Operational Load),
Whether DG sets will be provided (Yes/No): Yes.
if yes:

Sr. No.	No. of DG Sets		Capacity
	Existing	Proposed	
1	0	1	750 KVA
2	0	1	750 KVA

Please Mention if high tension line is passing through the plot: No
If yes, pl. give details of safety measures adopted: Not applicable

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Details of use of renewable energy with budget allocation
Total Energy Demand 2200 kW
Proposed renewable energy source capacity 150 kWp from Solar
Energy savings: 10% of operational load
Proposed Budget (in Rs. Lakhs): 90 Lakhs
Timeline for implementation: Within the 1 year of obtaining the environmental clearance
The energy from the solar rooftop harvesting system will be used for the illumination of office buildings, street lights, parking areas

38

Details of public hearing (if applicable): Not applicable
Place of public hearing: Not applicable
Date of public hearing:
Please fill following details

Sr.	Issue raised during public hearing	Applicant plan for its compliance/ implementation	Budget allocation for implementation	Specific time line of compliance	No.

39

EMP (Please mention specific items proposed in EMP along with specific timeline for its implementation)
Construction Phase & Demolition phase:

Sr. No.	Attribute	Mitigation measures/Details	Capital Cost (Rs lacs)

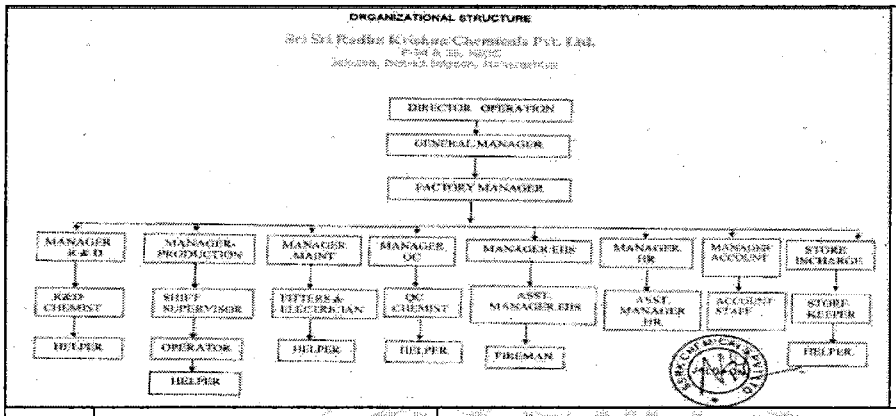
1	Air	Water sprinkling through sprinkler for the dust suppression during the construction & demolition	6
2	Water	Provision of the onsite mobile portable toilets for the construction labors and the silt traps for prevention of soil erosion along with runoff	2
3	Noise	Noise damping pads, enclosure of the area by tin sheets	0.5
4	Soil	Preserving top soil for the later use in green belt by storing at a temporary place	0.5
5	Solid waste	Segregation of the solid waste in wet and dry waste and provision of the separate bins for the same	1
6	Hazardous waste	Storage areas for the hazardous waste such as empty paint cans and barrels for used oil, etc.	1
7	Fuel & Energy	Use of cleaner fuel for construction machineries	4
8	Safety & heath	Provision of the PPE kit for the workers such as safety harness, safety goggles, safety helmets , gloves	11
Total			26

Operation Phase

Sr. No	Attributes	Specific measures	Capital cost (In Rs. Lacs.)	Recurring cost (Rs. Lacs./yr)	Time line for implement	Responsibility
1	Air	Provision of stack of adequate height, Installation of Multicyclone, Bag filter, Low NOx burners for Boiler & Thermopac & Process Vents	45	4.5	During Commissioning phase	EHS Team
2	Water	MEE, ETP & RO, Online monitoring system, Sewage Treatment Plant	505	249	During Commissioning and operation phase	EHS Team
3	Noise	Acoustic encl./ Anti-vibration pad	10	0.5	During Construction, Commissioning and operation phase	EHS Team
4	Occupational	Medical checkup	7	1.5	During	HR/Ad

	health	Health insurance policy Medical staff charges First aid facilities consumables In-house first aid room Other infrastructure and Equipment			operation phase	min/ EHS Team
5	Green belt	Potholes digging, Saplings, labor cost, Fertilizers, Drip irrigation facility & maintenance	5.11	3.65	From Constructi on Phase within 1 year	HR/ EHS Team
6	Hazardous Waste	Segregation & Storage of Waste, Disposal to CHWTSDF site	3	323.15	During Operation phase	EHS Team
7	Environment al monitoring and Management	Regular monitoring of Ambient Environmental Conditions & Pollution Control Equipment	1.0	5	During Operation phase	EHS Team
8	Energy conservation measures	Measures taken to reduce carbon footprint Installation of solar Panels (150 kWp) Reduction of fuel consumption by using well efficient insulation to heating equipment	90	2.7	During Operation phase	Project Team/ EHS Team
9	Rain Water Harvesting	Rain water harvesting & use of rain water in utilities & domestic purpose Regular maintenance of equipment to reduce wastage of water due to leaks	70	1.50	During Operation phase	Project Team/ EHS Team

	10	Implementation recommendation hazop/Risk Assessment	Dyke for accidental spill containment for ground storage tanks will be installed. Flame proof electrical in flammable solvent /gases handling area will be provided. Fire hydrant system will be provided. Personnel Protective Equipment (PPE) especially SCBA (Self Contained Breathing Apparatus	60.26	15	During Operation phase	Project Team/ EHS Team
		SUB-Total	--	796.37	606.5	--	--
	11	Corporate Environmental Responsibility (CER)	CER activities will be done in surrounding villages.	192.0	0	Before commissioning of entire project	--
		GRAND TOTAL		988.37	606.5	--	--
40	Other Relevant Information : (Pl. provide brief note on proposed project)		Mr. Gaurav Mohatta and Mr. Paresh Jhawar are the directors of the company. Mr. Gaurav Mohatta is Managing Director for group of companies called Benzochem Industries Ltd., which is providing 1000 direct employment and 5000 indirect employment. SSRKCPL proposed to manufacture Chemical Intermediates, Pharma Intermediates & Specialty Chemicals. The manufacturing capacity of the unit will be 1104.95 TPM				
41	Details of skill development program within Organization		Safety awareness campaign, mock drills etc. will be conducted after commissioning of the project.				
42	Details of environmental Monitoring Cell (Pl. provide organogram with educated Qualification and experience)		Environmental monitoring cell is given below. As the project is new details about Qualification and experience are not mentioned in the organogram. However, we will hire suitable candidates having qualifications chemical engineers, M.Sc. etc.				

		
43	Details of court cases if pending in any Hon'ble court	No Court cases pending.

3. The proposal has been considered by SEIAA in its 259th meeting (Day-3) and decided to accord Environment Clearance to the said project under the provisions of Environment Impact Assessment Notification, 2006 subject to implantation of following terms and conditions

Specific Conditions:

A) SEAC Conditions

1. PP to submit revised lay out plan showing internal roads with minimum six meter width and nine meter turning radius, entry/exit gates (preferably sliding gates) , provision of cul-de-sac at dead ends of the internal roads if any, location of pollution control equipment, parking areas, 33% green belt with its dimensions preferably on the periphery of the plot with the provision of drip irrigation, rain water harvesting structures (locations with dimensions), storm water drain lines, along with area statement showing calculations for each area and cross sections of storm water drain and rain water harvesting pits etc.
2. PP to carryout soil sampling analysis based on the identification of control site outside the premises and collect soil samples in and around the proposed site. PP to choose parameters to be analysed based on the use of raw materials and finished products by the earlier owner of the site and all other chemical parameters including heavy metals. PP to compare these results with the control site result and prepare and implement appropriate mitigation plan to address soil contamination issue.
3. PP to explore possibility and prepare plan to increase use of briquette in place of coal and implement the same and communicate.
4. PP to submit plan for VOCs control and monitoring on site w.r.t emissions during loading/unloading, process activities etc.
5. PP to prepare chemical compatibility chart of all chemicals and finished products handled, stored on site and ensure its storage/handling as per compatibility.
6. PP to prepare hazardous waste compatibility chart and ensure its storage as per compatibility.
7. PP to submit revised Carbon footprint details and linked action plan.
8. PP to ensure to deploy well trained regular employees on all critical/hazardous operations and storages of hazardous chemicals instead of contract workers. Regular safety training to be provided to all such employees.
9. PP to ensure to dispose construction waste as per prevailing rules and regulations.

10. PP to provide Continuous Online Monitoring System connected to the servers of CPCB and MPCB. PP to include VOCs monitoring in the scheduled ambient air monitoring plan.
11. PP to provide on line continuous monitoring of effluent, web camera with night vision capability and flow meters in the channel /drain carrying effluent within the premises.
12. PP to submit copy of MOU executed with the Cement Industry for disposal /reuse of hazardous waste. PP to ensure compliance of conditions stipulated by the CPCB/MPCB in this regard.
13. PP to provide separate STP for treatment of domestic sewage.
14. PP to provide adequate space for parking of all types of vehicles including external vehicles carrying raw material and finished products. No vehicle shall be parked on the public road.
15. PP to prepare and implement On-site and Off-site emergency handling plan. The plan shall be prepared based on the HAZOP and Risk Assessment. Required training to all employees be provided on the emergency handling plans.
16. PP to complete rain water harvesting facility before the commissioning of the manufacturing activity.
17. PP to utilize CER funds (1.92 Cr.) for the development of public infrastructure in the vicinity of the project area in consultation with District Administration.
18. PP to provide solar energy for the illumination of common areas like administrative building, parking areas, streetlight etc.

B) SEIAA Conditions:

1. PP submitted that Plot area is 17700 sq.m, and 33% Green belt provided.
2. PP to undertake Miyawaki plantation of native and indigenous trees such as Banyan, Peeple, Neem, Jamun and other suitable trees as per the Forest Department, Govt. of Maharashtra circular no SaVaVi-2019/C.R.3/F-11, dated 25th June, 2019. The said plantation to be completed in the first year of operation of Environmental Clearance under expert guidance of Miyawaki experts / arborist.
3. PP to strictly observe the Solid Waste Management Rules, 2016 as amended time to time.
4. PP to strictly observe the Hazardous and Other Wastes (Management & Trans boundary Movement) Rules, 2016 as amended time to time.
5. PP to identify all sources of fugitive air pollution on site and provide pollution control measures to mitigate pollution and meet the standard parameters stipulated in the Environment (Protection) Rules, 1986 amended time to time & Air (Prevention and Control of Pollution) Act, 1981 amended time to time.
6. PP to ensure storage of chemicals as per the Manufacture, Storage and Import of Hazardous Chemicals Rules, 1989 amended time to time to ensure no release of any chemical to the atmosphere and leakage to the soil.
7. PP to ensure transport, storage, handling and use of the flammable/toxic chemicals as per conditions stipulated in license/approval of the Petroleum & Explosive Safety Organization (PESO).
8. PP to obtain approval and License from the Directorate of Industrial Health & Safety (DIHS) for proposed project and implement all condition stipulated therein. PP to carry out Safety Audit as stipulated in the Maharashtra Factories Rules, 1963 and ensure compliance of recommendation of the Audit.
9. PP to provide solar energy for illumination of Administrative Building, Street Lights and parking Area.
10. PP to ensure use of briquette /bio coal/ pellets/ or any such suitable product derived

from scientific processing of appropriate stream of dry waste/agricultural waste , not less than 50 % of the total fuel requirement to the boiler.

11. PP to provide roof top Rain Water Harvesting facility.
12. PP to ensure that proposed project is ZLD.

General Conditions:

I. The project proponent 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 Environmental Clearance letter are available with the Maharashtra Pollution Control Board, website of the company and may also be seen at Website at http://parivesh.nic.in

II. The project Proponent shall upload the status of compliance (soft copies) of the conditions stipulated Environmental Clearance letter including monitoring data of air, water, soil, noise etc. on their website and shall update the same periodically. The half yearly compliance report shall simultaneously be submitted to the Maharashtra Pollution Controls Board and the Regional Office off MoEF&CC at Nagpur, on 1st June & 1sr December of each calendar year.

III. Separate fund shall be allocated for the implementation of Environmental Management Plan along with item wise break up and specific time line for its completion. The cost shall be included as part of the project cost. The funds earmarked for the environmental protection measures shall not be diverted for other purpose and year-wise expenditure should be reported to the MPCB and the SEIAA.

IV. A separate Environmental Management Cell with qualified personnel shall be set up for implementation of the stipulated environmental safeguards.

V. In the event of failure of any pollution control equipment, the manufacturing activity shall be immediately stopped safely till the effective functioning of pollution control equipment's is regained.

VI. PP to strictly follow conditions stipulated in the Consent to Establish/Operate issued by the Maharashtra Pollution Control Board.

VII. PP to provide separate drains for storm water and effluent, and ensure that, the storm water drains are dry all the time and in no case the effluent shall mix with the storm water drain.

VIII. Periodic Monitoring of ground water in the study area as marked in the Environmental Impact Assessment Report shall be undertaken and results analysed to ascertain any change in the quality of water. Results shall be regularly submitted to the Maharashtra Pollution Control Board.

IX. The overall noise levels in and around the factory premises shall be kept within the prescribed standard under the Environment (Protection) Act, 1986 and Rule, 1989 as amended from time to time by providing adequate noise control measures and protective equipment's like ear muff and ear plug etc.

X. Adequate safety measures shall be ensured to limit the risk zone within the factory premises. Leak detection system shall be installed for early detection and mitigation purpose.

XI. PP to scrupulously follow the requirements of Maharashtra Factories Act, 1948 & Rules 1963 as amended from time to time.

XII. The Environmental Statement for each financial year ending on 31st March in Form-V as is mandated to be submitted by the Project Proponent to the concerned Pollution Control Board as prescribed under the Environment (Protection) Rule, 1989 as

amended from time to time, it shall also be put on the website of the company along with the status of the compliance of the conditions stipulated in the Environmental Clearance letter.

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, amended time to time.

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.

Pravin Darade
(Member Secretary, SEIAA)

Copy to:

1. Chairman, SEIAA (Maharashtra), Mumbai.
2. Secretary, MoEF & CC, IA- Division MOEF & CC
3. Member Secretary, Maharashtra Pollution Control Board, Mumbai.
4. Regional Office MoEF & CC, Nagpur
1. District Collector, Jalgaon
2. Regional Officer, Maharashtra Pollution Control Board, Nashik

Signature Not Verified
Digitally signed by Shri Pravin C. Darade , I.A.S.
Member Secretary
Date: 5/30/2023 1:50:55 PM