

4th February 2021

**To,
Deputy Director General of Forests (Central),
West Central Zone,
Regional Office,
New Secretariate Building, Opp. VCA Ground,
Civil Lines, Nagpur-440001.**

Subject: Submission of 1st half yearly compliance report for S Kant Chemicals Pvt. Ltd. at Plot No. W-05 & W-06, MIDC Tarapur, Boisar, Maharashtra, 401506- First progress/Status Report EC Compliance.

Ref: Environmental Clearance letter no. SEIAA EC 0000002288 dated 3rd July 2020 granted by SEIAA, Govt. of Maharashtra.

Dear Sir,

We have received the Environment Clearance from State Environment Impact Assessment Authority (SEIAA), Government of Maharashtra on 3rd July 2020 for our Project,

As per the requirement, we have made compliances regularly and now we are submitting herewith the first half-yearly EC Compliance report of the said project. But due to the COVID pandemic situation, we were unable to carry out the environmental monitoring for the period of April 2020 to September 2020 and the submission has been somehow got delayed by us and we regret the same.

Now we are pleased to submit the status of our project from April 2020 to September 2020. Kindly consider it as a 1st progress/ status report.

With this reference we wish to submit the details required as below:

1. Current status of Project.
2. Datasheet
3. Pointwise compliance to the stipulation as lay down by the ministry.
4. EC letter & Consent to Establish
5. Environmental Monitoring Reports

We hope you will find the same in line with your requirements.

Thanking You,

For S Kant Chemicals Pvt. Ltd.



Authorized Signatory





STATE LEVEL ENVIRONMENT IMPACT ASSESSMENT AUTHORITY

Environment department,
Room No. 217, 2nd floor,
Mantralaya, Annexe,
Mumbai- 400 032.
Date: July 3, 2020

To,
Mr. Gaurav Shah
at Plot no. W-05, W-06

Subject: Environment Clearance for S Kant Chemicals Private Limited

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 149th Day-2th 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 198th meetings.


2. It is noted that the proposal is considered by SEAC-I under screening category 5f (B1) as per EIA Notification 2006.

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

1.Name of Project	New project for manufacturing of Active Pharmaceutical ingredients and Bulk Drugs
2.Type of institution	Private
3.Name of Project Proponent	Mr. Gaurav Shah
4.Name of Consultant	Goldfinch Engineering Systems Private Limited
5.Type of project	Not applicable
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	No
8.Location of the project	Plot no. W-05, W-06
9.Taluka	Palghar
10.Village	Kumbhavli
11.Whether in Corporation / Municipal / other area	MIDC
12.IOD/IOA/Concession/Plan Approval Number	NA IOD/IOA/Concession/Plan Approval Number: NA Approved Built-up Area: 336
13.Note on the initiated work (If applicable)	NA
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	NA
15.Total Plot Area (sq. m.)	Not applicable
16.Deductions	Not applicable
17.Net Plot area	Not applicable

SEIAA Meeting No: 198 Meeting Date: May 27, 2020 (SEIAA-STATEMENT-000000236)
SEIAA-MINUTES-0000003220
SEIAA-EC-0000002288

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Shri. Anil Diggikar (Member Secretary SEIAA)

18 (a).Proposed Built-up Area (FSI & Non-FSI)	FSI area (sq. m.): Not applicable
	Non FSI area (sq. m.): Not applicable
	Total BUA area (sq. m.): Not applicable
18 (b).Approved Built up area as per DCR	Approved FSI area (sq. m.):
	Approved Non FSI area (sq. m.):
	Date of Approval:
19.Total ground coverage (m2)	Not applicable
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	Not applicable
21.Estimated cost of the project	68400000



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22. Production Details

Serial Number	Product	Existing (MT/M)	Proposed (MT/M)	Total (MT/M)
1	4, 7 Dichloroquinoline	NA	2	2
2	Acyclovir	NA	4	4
3	Ambroxol HCL	NA	3	3
4	Ammodiaquine	NA	2	2
5	Artemether	NA	2	2
6	Artsunate	NA	0.75	0.75
7	Atovaquone	NA	0.25	0.25
8	Entacapone	NA	1	1
9	Erythromycin	NA	5	5
10	Fluconazole	NA	2	2
11	Ganciclovir	NA	2	2
12	Glibenclamide	NA	1	1
13	Gliclazide	NA	3.5	3.5
14	Glimepiride	NA	1	1
15	Glipizide	NA	1	1
16	Hydroxy Chloroquine Sulfate	NA	1	1
17	Losartan Potassium	NA	4	4
18	Lumefantrine	NA	3	3
19	Moxifloxacin	NA	2	2
20	Piperaquine Phosphate	NA	1	1
21	Pyrazinamide	NA	5	5
22	Pyrimethamine	NA	1	1
23	Sodium Sulfanilamide	NA	5	5
24	Sulfadimethoxine	NA	3	3
25	Sulfadoxine	NA	2.5	2.5
26	Sulfasalazine	NA	2.5	2.5
27	Valganclovir	NA	5	5

23. Total Water Requirement

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Dry season:	Source of water	Not applicable
	Fresh water (CMD):	Not applicable
	Recycled water - Flushing (CMD):	Not applicable
	Recycled water - Gardening (CMD):	Not applicable
	Swimming pool make up (Cum):	Not applicable
	Total Water Requirement (CMD) :	Not applicable
	Fire fighting - Underground water tank(CMD):	Not applicable
	Fire fighting - Overhead water tank(CMD):	Not applicable
	Excess treated water	Not applicable
Wet season:	Source of water	Not applicable
	Fresh water (CMD):	Not applicable
	Recycled water - Flushing (CMD):	Not applicable
	Recycled water - Gardening (CMD):	Not applicable
	Swimming pool make up (Cum):	Not applicable
	Total Water Requirement (CMD) :	Not applicable
	Fire fighting - Underground water tank(CMD):	Not applicable
	Fire fighting - Overhead water tank(CMD):	Not applicable
	Excess treated water	Not applicable
Details of Swimming pool (If any)	Not applicable	

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Maharashtra

24.Details of Total water consumed

Particulars	Consumption (CMD)			Loss (CMD)			Effluent (CMD)		
	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total
Domestic	NA	10	10	NA	2	2	NA	8	8
Industrial Process	NA	31	31	NA	3	3	NA	28	28
Cooling tower & thermopack	NA	82	82	NA	62	62	NA	20	20
Gardening	NA	1	1	NA	1	1	NA	NA	NA
Fresh water requirement	NA	124	124	NA	68	68	NA	56	56

25.Rain Water Harvesting (RWH)	Level of the Ground water table:	NA
	Size and no of RWH tank(s) and Quantity:	NA
	Location of the RWH tank(s):	NA
	Quantity of recharge pits:	NA
	Size of recharge pits :	NA
	Budgetary allocation (Capital cost) :	NA
	Budgetary allocation (O & M cost) :	NA
	Details of UGT tanks if any :	There are two underground tanks: One for Water supply (Capacity- 100 CMD) and One for Fire Hydrant (Capacity- 100 CMD)

26.Storm water drainage	Natural water drainage pattern:	provided by MIDC
	Quantity of storm water:	NA
	Size of SWD:	NA

27.Sewage and Waste water	Sewage generation in KLD:	8
	STP technology:	NA
	Capacity of STP (CMD):	NA
	Location & area of the STP:	NA
	Budgetary allocation (Capital cost):	NA
	Budgetary allocation (O & M cost):	NA



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28.Solid waste Management

Waste generation in the Pre Construction and Construction phase:	Waste generation:	NA
	Disposal of the construction waste debris:	NA
Waste generation in the operation Phase:	Dry waste:	Discarded containers / Barrels/ Liners contaminated with hazardous chemicals / waste
	Wet waste:	Chemical sludge from waste water treatment, Process waste sludge/ residue, Spent carbon from Process, Spent carbon from ETP
	Hazardous waste:	250.5 MT/M
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	NA
	Others if any:	NA
Mode of Disposal of waste:	Dry waste:	Downstream User
	Wet waste:	MWML
	Hazardous waste:	MWML
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	NA
	Others if any:	NA
Area requirement:	Location(s):	Area for Manufacturing, Area used for RM/Product Storage, Utility area (Boiler, Cooling Tower), Admin Building (Office, Security cabin), Internal Road, Open Area, Green belt area, Parking area
	Area for the storage of waste & other material:	369 m ²
	Area for machinery:	336 m ²
Budgetary allocation (Capital cost and O&M cost):	Capital cost:	55600000
	O & M cost:	20000000

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29.Effluent Charecterestics

Serial Number	Parameters	Unit	Inlet Effluent Charecterestics	Outlet Effluent Charecterestics	Effluent discharge standards (MPCB)
1	pH	NA	5-9	7-8	6.5 -9.0
2	TSS	mg/l	300-350	50-80	below 100
3	COD	mg/l	5000-6000	200-240	below 250
4	BOD	mg/l	2000-3000	80-90	below 100
5	TDS	mg/l	2000-2100	1600-1900	below 2100
6	O&G	mg/l	20-25	5-6	below 10
Amount of effluent generation (CMD):		56			
Capacity of the ETP:		65			
Amount of treated effluent recycled :		NA			
Amount of water send to the CETP:		56			
Membership of CETP (if require):		Yes			
Note on ETP technology to be used		Primary, Secondary, Tertiary			
Disposal of the ETP sludge		MWML			

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30.Hazardous Waste Details							
Serial Number	Description	Cat	UOM	Existing	Proposed	Total	Method of Disposal
1	Chemical sludge from waste water treatment	34.3	MT/M	NA	6	6	MWML
2	Process waste sludge/ residue	26.1	MT/M	NA	240	240	MWML
3	Spent carbon from Process	28.8	MT/M	NA	1.5	1.5	MWML
4	Spent carbon from ETP	35.3	MT/M	NA	3	3	MWML
5	Discarded containers / Barrels/ Liners contaminated with hazardous chemicals / waste	33.3	Nos.	NA	50	50	Downstream User
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	BOILER 1 of 1 TPH (regular)	LDO, 1248 kg/day	stack no. 1, combined stack for both boilers	30	0.6	200Â°C	
2	BOILER 2 of 1 TPH (standby)	LDO, 1248 kg/day	stack no. 1, combined stack for both boilers	30	0.6	200Â°C	
3	one DG set of 200 KVA	HSD, 840 kg/day	2	3.5m above enclosure	0.15	150Â°C	
32.Details of Fuel to be used							
Serial Number	Type of Fuel	Existing	Proposed	Total			
1	LDO	NA	1248 kg/day	1248 kg/day			
2	HSD	NA	840 kg/day	840 kg/day			
33.Source of Fuel		Local Market					
34.Mode of Transportation of fuel to site		By road					
35.Energy							

Power requirement:	Source of power supply :	MSEDCL
	During Construction Phase: (Demand Load)	200 kW
	DG set as Power back-up during construction phase	NA
	During Operation phase (Connected load):	250 kW
	During Operation phase (Demand load):	200 kW
	Transformer:	500 KVA
	DG set as Power back-up during operation phase:	200 KVA
	Fuel used:	HSD
	Details of high tension line passing through the plot if any:	NA

Energy saving by non-conventional method:

NA

36.Detail calculations & % of saving:

Serial Number	Energy Conservation Measures	Saving %
1	NA	NA

37.Details of pollution control Systems

Source	Existing pollution control system	Proposed to be installed
Boiler 1	NA	combined stack
Boiler 2	NA	combined stack

Budgetary allocation (Capital cost and O&M cost):	Capital cost:	NA
	O & M cost:	NA

38.Environmental Management plan Budgetary Allocation

a) Construction phase (with Break-up):

Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)
1	NA	NA	NA

b) Operation Phase (with Break-up):

Serial Number	Component	Description	Capital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)
1	Stack	for dispersion	13	2.5

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
m-chloroaniline	Liquid	Carboy	3	2.5	2.03	Local	Tempo
Ethyl ethoxymethylenemalonate	Liquid	Carboy	4	3.8	3.66	Local	Tempo
Sodium hydroxide	Solid	Drum	20	19	18.88	Local	Tempo
Phosphorus oxychloride	Liquid	Carboy	8	7.5	7.12	Local	Tempo
Methanol	Liquid	Tank	205	204	203.22	Local	Tanker
IPA	Liquid	Tank	105	100	99.97	Local	Tanker
Acetic acid	Liquid	Carboy	8	7.8	7.80	Local	Tempo
Acetone	Liquid	Tank	40	38	36.82	Local	Tanker
Triethylamine	Liquid	Carboy	1	0.5	0.182	Local	Tempo
Acetonitrile	Liquid	Tank	40	38	35.46	Local	Tanker
Ethyl acetate	Liquid	Carboy	8	7.5	7.33	Local	Tempo
Cyclohexane	Liquid	Carboy	4	3.8	3.64	Local	Tempo
MDC	Liquid	Tank	105	102	101.04	Local	Tanker
Toluene	Liquid	Tank	140	136	135.302	Local	Tanker
Piperidine	Liquid	Carboy	0.2	0.1	0.039	Local	Tempo
Hexane	Liquid	Tank	3	2.5	2.44	Local	Tanker
Sodium Methoxide	Solid	Drum	2	1.5	1.066	Local	Tempo
p-toluene sulfonyl area	Solid	Drum	3	2.8	2.78	Local	Tempo
DMF	Liquid	Tank	12	11.5	11.02	Local	Tanker
THF	Liquid	Drum	12	11.5	11.18	Local	Tempo
Phosphoric acid	Liquid	Carboy	0.2	0.1	0.884	Local	Tempo
Sodium Azide	Solid	Drum	2	1.5	1.53	Local	Tempo
TEA. HCL	Solid	Drum	5	4.5	4.24	Local	Tempo
Di-N-butyl amine	Liquid	Carboy	1.5	1	0.91	Local	Tempo
Boric Acid	Solid	Drum	0.5	0.3	0.29	Local	Tempo
Guanidine HCL	Solid	Drum	1.51	1	0.884	Local	Tempo
DCMP	Solid	Drum	2	1.8	1.79	Local	Tempo
Pd/c	Liquid	Drum	0.3	0.2	0.156	Local	Tempo
HCL	Liquid	Carboy	100	95	92.351	Local	Tempo

40. Any Other Information

No Information Available

	CRZ/ RRZ clearance obtain, if any:	NA
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	NA
	Category as per schedule of EIA Notification sheet	5f (B1)
	Court cases pending if any	NA
	Other Relevant Informations	NA
	Have you previously submitted Application online on MOEF Website.	Yes
	Date of online submission	02-01-2017

3. The proposal has been considered by SEIAA in its 198th 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 has submitted the plan layout to MIDC, if there is any change plan layout PP have to take revised EC.
II	PP to ensure that CER plan gets approved from District Collector.
III	PP to submit MIDC approval.
IV	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 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, 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.

Government of
Maharashtra

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 TARAPUR
10. MAHARASHTRA STATE ELECTRICITY DISTRIBUTION CO. LTD
11. COLLECTOR OFFICE PALGHAR

Monitoring Report**PART – I****DATA SHEET**

No.		
1.	Project type: River Valley / Mining / Industry / Thermal / Nuclear / Others (specify)	: Industry (Synthetic Organic Chemicals)
2.	Name of the Project	: New project for manufacturing of Active Pharmaceutical ingredients and Bulk Drugs
3.	Clearance letter (s) / OM No. and date	: SEIAA EC 0000002288 dated 3 rd July, 2020
4.	Location a) District (s)	: Palghar
	b) State (s)	: Maharashtra
	c) Location latitude / longitude	: Location : Plot No. W-05 & W-06, MIDC Tarapur, Boisar, Maharashtra, 401506 Latitude : 19°47'35.9232" N Longitude : 72°44'15.81" E
5.	Address for Correspondence a) Address of the Concerned Project Chief Engineer (with Pin code & Telephone / Telex / Fax Numbers)	: Mr. Guarav Shah 3-A, Shivsagar Estate, North Wing, Dr. Annie Besant Road, Worli, Mumbai-400018
	b) Address of the Concerned Project Chief Engineer (with Pin code & Telephone / Telex / Fax Numbers)	
6.	Salient features a) of the Project	: New project for manufacturing of Active Pharmaceutical ingredients and Bulk Drugs wherein the details are as under: Total production capacity: 61 TPM (For detailed product list refer Annexure-I)

		<p>Power required: 200 kW</p> <p>Water required: 124 CMD</p> <p>Effluent generation: 56 CMD</p> <p>Manpower required: 150 nos.</p> <p>Utilities details: 2 boilers of 1 TPH each. 1 is regular and 1 will be standby</p> <p>Fuel required: 1248 kg/day</p>
	b) of the Environmental Management Plans	<p>Environment Management Plan Includes the following :</p> <ul style="list-style-type: none"> ➤ Air pollution control system includes: Stack of adequate height ➤ Process emissions control system includes the 2 nos. of process scrubbers ➤ Water pollution control system includes: Automation & betterment of ETP, MEE, RO ➤ Noise pollution Control includes Acoustic enclosure and regular maintenance ➤ Occupational Health includes Medical checkup, Health insurance policy, Medical staff charges, First aid facilities, consumables, Control of fugitive emissions, Work Place monitoring ➤ Green belt includes maintenance of the same ➤ Hazardous waste disposal includes cost for disposal of the same.
7.	Breakup of the Project Area	:
	a) Submergence area: forest & non forest	Not applicable and forest area is not involved in the project. It is an industrial project located within notified MIDC. i.e, MIDC Tarapur.
	Others	
	a. Total Plot Area	2000.00 Sq. m
	b. Built - Up Area (Including Road)	2349.76 Sq. m
	c. FSI area	2349.76 Sq. m
	d. Non – FSI Area	Nil
8.	Breakup of the project affected population with the enumeration of those losing Houses / Dwelling units only,	:
		Not applicable as no project affected population is there

	Agricultural Land & Landless Laborers / Artisans: a) SC, ST / Adivasi		due to the fact that the project is located in the notified industrial area i.e, MIDC Tarapur.
	b) Others (please indicate whether these figures are based on any scientific and systematic survey carried out or only provisional figures, if a survey is carried out give details & year of survey)	:	
9 a)	Financial Details: Project cost as originally planned and subsequent revised estimates and the year of price reference	:	Total Project Cost Projected- 842.7 Lacs, Year of Price reference- 2017 Revised cost: 10 Cr. Year of Price reference: 2021
b)	Allocation made for environmental management plans with item wise and year wise breakup	:	Total capital cost for environmental management plans : Rs. 183.7 lakhs Total recurring cost for environmental management plans : Rs.67.16 lakhs The detailed breakup of the environmental management cost is enclosed in Annexure- II
c)	Benefit cost ratio/Internal rate of Return and the year of assessment	:	--
d)	Whether (c) includes the cost of environmental management as shown in the above	:	--
e)	Actual expenditure incurred on the project so far	:	Rs. 52.36 Lacs
f)	Actual expenditure incurred on the environmental management plans so far	:	Capital cost: 2 Lacs Recurring cost: 1 Lacs
10	Forest Land Requirement		
a)	The status of approval for diversion of forest land for non-forestry use	:	Not applicable as the project is located in a notified Industrial area i.e, MIDC Tarapur. No diversion of forest land for non-forestry use is envisaged.

b)	The status of clearing felling	:	Not applicable as the project is located in a notified Industrial area i.e, MIDC Tarapur. No clearing felling is envisaged.
c)	The status of compensatory afforestation, if any Comments on the viability & sustainability of compensatory afforestation program in the light of actual field experience so far	:	Not applicable as the project is located in a notified Industrial area i.e, MIDC Tarapur. Not applicable as no forest land is involved.
11	The status of clear felling in non-forest areas (such as submergence area or reservoir, approach roads.), if any with quantitative information required.	:	Not applicable as the project is located in a notified Industrial area i.e, MIDC Tarapur.
12	Status of construction (Actual&/or planned)		The project is under construction. The photographs of the ongoing construction are attached as Annexure- III .
a)	Date of commencement (Actual&/or planned)	:	Planned: October, 2020. Actual: November, 2020
b)	Date of completion (Actual&/or planned)	:	Planned: May, 2021 The actual date of completion will be informed as and when the project is commissioned and the production commences.
13	Reasons for the delay if the project is yet to start	:	The project is still in construction stage.
14	Dates of Site Visits		
a)	The dates on which the project was monitored by the Regional Office on previous occasions, if any	:	Not applicable as this is the first EC compliance being submitted.
b)	Date of site visits for this monitoring report	:	Not applicable as this is the first EC compliance being submitted.
15	Details of correspondence with project authorities for obtaining action plan / information on status of compliance to safeguards other than the routine letters for logistic support for site visit. (The monitoring report may obtain the details of all the letters issued so far but the		Not applicable.

	later reports may cover only the letters issued subsequently)	
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Point-wise compliance to the environmental clearance conditions given in the letter no. SEIAA-EC-000002288 dated July 3, 2020.

Sr. No.	EC condition	Compliance
Specific conditions		
I	PP has submitted the plan layout to MIDC, if there is any change plan layout PP have to take revised EC.	The MIDC approved layout plan is attached as Annexure-IV . We agree that if there is any change plan layout then we will take revised EC.
II	PP to ensure that CER plan gets approved from Municipal Commissioner/District Collector.	The CER plan has submitted to District Collector for the approval and acknowledgment of the same is attached as Annexure- V The process of approval of the same is under progress and will be submitted shortly.
III	PP to submit MIDC approval.	MIDC approval already submitted to SEAC-1 & SEIAA committee on the ECMPCB portal at the time of appraisal of project by SEIAA.
IV	PP to ensure to comply with the conditions stipulated in the Office Memorandum issued by MoEF& CC dated 9 th August, 2018.	A separate compliance matrix of the conditions stipulated in the Office Memorandum issued by MoEF & CC dated 9 th August 2018 has been prepared and presented in the subsequent pages.
General conditions		
I.	PP to achieve Zero Liquid Discharge; PP shall ensure that there is no increase in the effluent load to CETP.	Zero Liquid Discharge will be achieved after commissioning of the project. We shall ensure that there will be no increase in the effluent load to CETP as the project will be a ZLD project. The details of the zero liquid discharge are enclosed as Annexure- VI and the affidavit for Zero liquid discharge submitted in the EIA report is enclosed as Annexure- VII .
II	No additional land shall be used /acquired for any activity of the project without obtaining proper permission.	No additional land will be acquired for any activity of the project without obtaining proper Permission.
III	PP to take utmost precaution for the health and	All the health & safety

	safety of the people working in the unit as also for protecting the environment	precautions will be taken and proper training will be given to the workers such as provision of the first aid box at various locations, checkup room. Also various PPEs such as safety goggles, splash protection goggles, face shield, airline respirator among others will be provided to the personnel working in the premises of the factory.
IV	Proper Housekeeping programmers shall be implemented.	Proper housekeeping programs will be implemented after commissioning of project.
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.	In the event of the failure of any pollution control system adopted by the unit, the unit will certainly be immediately put out of operation and will not be restarted until the desired efficiency has been achieved.
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).	Adequate stack height of 3.5 m above enclosure will be provided for proposed D.G set of 200 KVA once the project is commissioned.
VII	A detailed scheme for rainwater harvesting shall be prepared and implemented to recharge ground water.	The rainwater harvesting will be implemented after commissioning of the project and the detailed calculations for the same are attached as Annexure- VIII . Further the actual rain water harvesting records will be maintained after the commissioning of the project.
VIII	Arrangement shall be made that effluent and storm water does not get mixed.	The separate effluent line and storm water drains will be provided.
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.	Periodic monitoring of ground water is not applicable, as there is no permission from MIDC for extracting of ground water within the factory premises. PP will use the fresh water from MIDC for operation purpose.
X	Noise level shall be maintained as per standards. For people working in the high noise area, requisite personal protective	The work zone noise monitoring was carried out within the factory premises and the noise

	equipment like earplugs etc. shall be provided.	levels ranged from 62.9 db(A) to 64.2 db(A) during day and noise levels ranged from 56.8 db(A) to 57.5 db(A) during night time. Noise levels will be maintained by carrying out (a) periodical preventive maintenance of equipment and machineries, (b) providing vibration absorption pads, (c) providing proper Lubrications, and by (d) providing required PPE for protection of hearing.
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.	Ambient noise and work zone noise survey was carried out. The ambient noise levels ranged from 62.9 db(A) to 64.2 db(A) during day and noise levels ranged from 56.8 db(A) to 57.5 db(A) during night time. The noise levels were found to be within the CPCB limits for the daytime and night time. The noise monitoring reports are enclosed as Annexure- IX.
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.	Total green belt will be developed on 662.46 sq. m, which is 33% of total plot area; around 100 nos. of trees will be planted at the site. Plants are selected as per CPCB guideline and consultation with the local DFO/ Agriculture Department.
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.	Separate SOP will be prepared for Accident/ Incident control. Onsite emergency plan is available. All safety installation at place will be done. Equipment testing will be done as per factory act. Mock drills will be conducted frequently. Safety Training will be given to all concerns. Adequate firefighting system will be provided. Safety audits will be done as per requirement. Proper leak detection system

		will be provided 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.	Medical examination of all staff, workers & contract people will be done on yearly basis. Form 7 will be maintained under Factories act which indicates summary of fitness of the people after commissioning of the project.
XV	The company shall make the arrangement for protection of possible fire hazards during manufacturing process in material handling.	We hereby commit that we shall make all the necessary arrangement for protection of possible fire hazards during manufacturing process in material handling which will be implemented after commissioning of the project such as 1) S Kant will store chemicals considering the compatibility and reactivity hazards at tank farms, stores and warehouses. Segregate the laboratory chemicals while storage on storage racks considering functional groups compatibility and reactivity hazards. 2) S Kant will rationalize the inventory level of solvents and reduce to reasonable acceptable level for raw materials.
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.	Project proponent will strictly comply with the rules and regulations with regard to handling and disposal of hazardous wastes in accordance with the Hazardous and Other Waste (Management and Trans boundary movement) Rules, 2016. Project proponent has valid authorization from MPCB for collections/ treatment/ storage/ disposal of hazardous wastes. The valid membership letter of Mumbai Waste Management Limited and valid till 31 st March 2021 is attached as Annexure-X .

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.	Regular mock drills for the on-site emergency management plan will be carried out. Implementation of changes / improvements in the on-site management plan will be updated time to time after the commissioning of the plant.
XVIII	A separate environment management cell with qualified staff shall be set up for implementation of the stipulated environmental safeguards.	A separate Environmental Cell at project site will be implemented comprising of qualified personnel's under the control of EHS head, who will directly reporting to the head of operations of the organization for implementation of the stipulated environmental safeguards as and when the project is commissioned and the production commences.
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.	Separate funds are allocated for implementation of environmental protection measures/EMP along with item-wise breaks-up. The total environmental protection measures/EMP cost is 67.16 Lacs. These cost are included as part of the project cost. The funds earmarked for the environment protection measures will not be diverted for other purposes and year-wise expenditure shall be 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	The advertisement related to the accord of the environmental clearance was published in two newspapers viz., Maharashtra Times on 15 th July 2020 and in Times of India on 15 th July 2020. The aforesaid advertisements are enclosed as Annexure- XI.
XXI	Project management should submit half yearly compliance reports in respect of the stipulated prior environment clearance terms and	This is the first six monthly compliance report which is being submitted to the following

	conditions in hard & soft copies to the MPCB & this department, on 1st June & 1st December of each calendar year.	regulatory agencies: 1) RO MoEF&CC 2) RO CPCB 3) RO MPCB & 4) SRO MPCB
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.	No representation from the concerned Municipal Corporation and the local NGO was received. The copy of EC letter is displayed on company's website and screenshot of same has been enclosed as Annexure-XII .
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 sectorial 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.	This is the first EC compliance being submitted. We will shortly upload the status of compliance of the stipulated EC conditions, including results of monitored data on our website and shall update the same periodically. The first six monthly compliance is being submitted to Regional Office of MoEF, the respective Zonal Office of CPCB and the SPCB. The criteria pollutant levels will be displayed at convenient locations in the factory.
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.	This is the first six monthly compliance report which is being submitted.
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.	<ul style="list-style-type: none"> ● The environmental statement for the financial year ending 31st March in Form-V will be submitted by S Kant to the Maharashtra State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequent. ● Environment Statement in Form V along with the status of compliance of EC conditions will be put on the Company website and sent to the Regional

		Office of MoEFCC by e-mail. All the above conditions will be fulfilled once the project is commissioned.
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.	Noted for information
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.	Noted and agreed
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.	Noted and agreed
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.	Noted and agreed
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	Noted and agreed
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,	Noted and agreed

	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.	Noted and agreed

Point wise compliance of the standard EC compliance conditions stipulated for the synthetic organic conditions vide MoEF & CC's Office Memorandum dated 9th August 2018

I	Statutory compliance	Compliance
i)	The project proponent shall obtain forest clearance under the provisions of Forest (Conservation) Act, 1986, in case of the diversion of forest land for non-forest purpose involved in the project.	Not applicable as no forest land involved in the project site.
ii)	The project proponent shall obtain clearance from the National Board for Wildlife, if applicable.	Not applicable as no schedule-1 species were reported in the study area.
iii)	The project proponent shall prepare a Site-Specific Conservation Plan & Wildlife Management Plan and approved by the Chief Wildlife Warden. The recommendations of the approved Site-Specific Conservation Plan / Wildlife Management Plan shall be implemented in consultation with the State Forest Department. The implementation report shall be furnished along with the six-monthly compliance report. (in case of the presence of schedule-1 species in the study area)	Not applicable as no schedule -1 species were reported in the study area.
iv)	The project proponent shall obtain Consent to Establish / Operate under the provisions of Air (Prevention & Control of Pollution) Act, 1981 and the Water (Prevention & Control of Pollution) Act, 1974 from the concerned State Pollution Control Board/ Committee	S Kant has obtained the Consent to Establish vide MPCB document no. Format 1.0/BO/AST/UAN No. 0000038717/E/CC-AST-HG/CONSENT/1804001265 dated 26 th April 2018 and valid till the commissioning of the unit or 5 year whichever is earlier(i.e.31/03/2023). The copy

		of CTE is enclosed as Annexure- XIII.
v)	The project proponent shall obtain authorization under the Hazardous and other Waste Management Rules, 2016 as amended from time to time.	S Kant Chemicals Pvt. Ltd. has obtained membership of MWML and valid till 31 st March 2021. The same is enclosed as Annexure- X.
vi)	The Company shall strictly comply with the rules and guidelines under Manufacture, Storage and Import of Hazardous Chemicals (MSIHC) Rules, 1989 as amended time to time. All transportation of Hazardous Chemicals shall be as per the Motor Vehicle Act (MVA), 1989	S Kant will strictly comply with the rules and guidelines under Manufacture, Storage, and Import of Hazardous Chemicals (MSIHC) Rules, 1989 as amended from time to time. All the transportation of Hazardous Chemicals is as per the Motor Vehicle Act (MVA), 1989
II	Air quality monitoring and preservation	
i)	The project proponent shall install 24x7 continuous emission monitoring system at process stacks to monitor stack emission with respect to standards prescribed in Environment (Protection) Rules 1986 and connected to SPCB and CPCB online servers and calibrate these system from time to time according to equipment supplier specification through labs recognized under Environment (Protection) Act, 1986 or NABL accredited laboratories.	S Kant will install 24x7 continuous emission monitoring system at process stacks to monitor stack emission with respect to standards prescribed in Environment (Protection) Rules 1986 and connected to SPCB and CPCB online servers when the project is commissioned and the production commences.
ii)	The project proponent shall monitor fugitive emissions in the plant premises at least once in every quarter through labs recognised under Environment (Protection) Act, 1986.	Fugitive emissions will be carried out in the plant premises at least once in every quarter through labs recognized under Environment (Protection) Act, 1986.
iii)	The project proponent shall install system to carryout Ambient Air Quality monitoring for common/criterion parameters relevant to the main pollutants released (e.g. P _{M10} and P _{M2.5} in reference to PM emission, and SO ₂ and NO _x in reference to SO ₂ and NO _x emissions) within and outside the plant area at least at four locations (one within and three outside the plant area at an angle of 120 each), covering upwind and downwind directions.	The ambient air quality monitoring for common/criterion parameters was carried out at one location in the plant area and three locations outside the plant area at an angle of 120° each. The ranges of some of the parameters are as under: P _{M10} : 74.96-82.03 µg/m ³ P _{M2.5} : 36.25-42.91 µg/m ³ SO ₂ : 15.07-29.18 µg/m ³ NO _x : 33.52-57.29 µg/m ³ All the parameters were found to be within the respective stipulated NAAQS standards. The detailed results are enclosed

		as Annexure- XIV.
iv)	To control source and the fugitive emissions, suitable pollution control devices shall be installed to meet the prescribed norms and/or the NAAQS. Sulphur content should not exceed 0.5% in the coal for use in coal fired boilers to control particulate emissions within permissible limits (as applicable). The gaseous emissions shall be dispersed through stack of adequate height as per CPCB/SPCB guidelines.	Not applicable as we will be using LDO as a fuel in the boilers. Adequate stack of 30 m height will be provided as per CPCB/SPCB guidelines. Process scrubbers will be installed to scrub gases arising from manufacturing processes.
v)	Storage of raw materials, coal etc. shall be either stored in silos or in covered areas to prevent dust pollution and other fugitive emissions.	The raw materials will be stored in the storage tanks and drums after the commissioning of the plant.
vi)	National Emission Standards for Organic Chemicals Manufacturing Industry issued by the Ministry vide G.S.R. 608(E) dated 21st July, 2010 and amended from time to time shall be followed	The National Emission Standards for Organic Chemicals Manufacturing Industry issued by the Ministry vide G.S.R. 608(E) dated 21st July, 2010 and amended from time to time will be followed.
vii)	The National Ambient Air Quality Emission Standards issued by the Ministry vide G.S.R. No. 826(E) dated 16 th November, 2009 shall be complied with.	The National Ambient Air Quality Emission Standards issued by the Ministry vide G.S.R. No. 826(E) dated 16 th November, 2009 will be complied with.
III	Water quality monitoring and preservation	
i)	The project proponent shall provide online continuous monitoring of effluent, the unit shall install web camera with night vision capability and flow meters in the channel/drain carrying effluent within the premises (applicable in case of the projects achieving ZLD)	The project proponent will provide online continuous monitoring of effluent, the unit will install web camera with night vision capability and flow meters in the channel/drain carrying effluent within the premises (applicable in case of the projects achieving ZLD) as and when the project is commissioned and the production commences.
ii)	As already committed by the project proponent, Zero Liquid Discharge shall be ensured and no waste/treated water shall be discharged outside the premises (applicable in case of the projects achieving the ZLD). The effluent discharge shall conform to the standards prescribed under the	The note on the Zero liquid discharge is enclosed as Annexure-VI.

	Environment (Protection) Rules, 1986, or as specified by the State Pollution Control Board while granting Consent under the Air/Water Act, whichever is more stringent.	
iii)	Total fresh water requirement shall not exceed the proposed quantity or as specified by the Committee. Prior permission shall be obtained from the concerned regulatory authority/CGWA in this regard.	The total fresh water requirement will not exceed the proposed quantity. The water permission letter from MIDC is enclosed as Annexure- XV.
iv)	Process effluent/any wastewater shall not be allowed to mix with storm water. The storm water from the premises shall be collected and discharged through a separate conveyance system.	There will be no mixing of the process effluent with storm water. Separate drains and conveyance systems will be provided for the process effluent / waste water and the storm water.
v)	The Company shall harvest rainwater from the roof tops of the buildings and storm water drains to recharge the ground water and utilize the same for different industrial operations within the plant	The Company will harvest rainwater from the roof tops of the buildings and it will be utilized for different industrial operations within the plant. Internal Storm water drains will be connected to MIDC drains. The rainwater harvesting calculations are enclosed as Annexure- VIII.
vi)	The DG sets shall be equipped with suitable pollution control devices and the adequate stack height so that the emissions are in conformity with the extant regulations and the guidelines in this regard.	Adequate stack height of 3.5 m above enclosure will be provided for proposed D.G set of 200 KVA once the project is commissioned.
IV	Noise monitoring and prevention	
i)	Acoustic enclosure shall be provided to DG set for controlling the noise pollution.	Acoustic enclosures for the D.G sets will be provided once the project is commissioned.
ii)	The overall noise levels in and around the plant area 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 work zone noise monitoring was carried out at project site, the noise levels varied from 62.9 db(A) to 64.2 db(A) In the future the overall noise levels in and around the plant area will be kept well within the standards. Control measures including acoustic hoods, silencers, enclosures etc. will be provided for all sources of noise generation after the commissioning of the plant.
iii)	The ambient noise levels should conform to the	The ambient noise levels were monitored and the same ranged

	standards prescribed under E(P)A Rules, 1986 viz. 75 dB(A) during day time and 70 dB(A) during night time	between 62.9 dB(A) to 64.2 dB(A) at day time and 56.8 dB(A) to 57.5 dB(A) during night time which were found to be within the stipulated limit for the industrial area (75 dB(A))-daytime and 70 dB(A) during night time as promulgated by CPCB. The noise level report is enclosed as Annexure- IX.
V.	Energy Conservation measures	
i)	The energy sources for lighting purposes shall preferably be LED based	The energy sources used for lighting purposes will preferably be LED based.
VI	Waste management	
i)	Hazardous chemicals shall be stored in tanks, tank farms, drums, carboys etc. Flame arresters shall be provided on tank farm and the solvent transfer through pumps.	The hazardous chemicals will be stored in tanks, drums, carboys etc. Flame arresters will be provided on tank farm and the solvent transfer through pumps once the project is commissioned.
ii)	Process organic residue and spent carbon, if any, shall be sent to cement industries. ETP sludge, process inorganic & evaporation salt shall be disposed off to the TSDF.	Process organic residue and spent carbon, ETP sludge, process inorganic & evaporation salt will be disposed off to the TSDF. The valid membership letter from CHWTSDF is attached as Annexure- X.
iii)	The company shall undertake waste minimization measures as below:-	
	Metering and control of quantities of active ingredients to minimize waste.	The project is still in construction phase and the Metering and control of quantities of active ingredients to minimize waste and Reuse of by-products from the process as raw materials or as raw material substitutes in other processes will be implemented in the operation phase once the project is commissioned.
	Reuse of by-products from the process as raw materials or as raw material substitutes in other processes.	

	Use of automated filling to minimize spillage.	Seal proof pumps will be provided to transfer liquid raw materials.
	Use of Close Feed system into batch reactors.	We will encourage the use of close feed system into batch reactors as and when the project is commissioned and the production commences.
	Venting equipment through vapor recovery system	Primary and secondary condensers will be provided to each recovery unit as and when the project is commissioned and the production commences.
	Use of high pressure hoses for equipment clearing to reduce wastewater generation	All reactor floors will be provided high pressure water gun for cleaning of reactors and equipment's as and when the project is commissioned and the production commences.
VII	Green Belt	
i)	The green belt of 5-10 m width shall be developed in more than 33% of the total project area, mainly along the plant periphery, in downward wind direction, and along road sides etc. Selection of plant species shall be as per the CPCB guidelines in consultation with the State Forest Department	Total green belt will be developed on 662.46 sq. m, which is 33% of total plot area; around 100 nos. of trees will be planted at the site. Plants are selected as per CPCB guidelines in consultation with State Forest Department.
VIII	Safety, Public hearing and Human health issues	
i)	Emergency preparedness plan based on the Hazard identification and Risk Assessment (HIRA) and Disaster Management Plan shall be implemented	Emergency preparedness plan based on the Hazard identification and Risk Assessment (HIRA) and Disaster Management Plan shall be implemented once the project is commissioned.
	The unit shall make the arrangement for protection of possible fire hazards during manufacturing process in material handling. Firefighting system shall be as per the norms	The unit will make the arrangement for protection of possible fire hazards during manufacturing process in material handling. Firefighting system provided will be as per the norms. The photographs for construction of Fire hydrant are enclosed as Annexure- XVI.
ii)	The PP shall provide Personal Protection Equipment	Various PPEs such as safety goggles, splash protection

	(PPE) as per the norms of Factory Act.	goggles, face shield, airline respirator among others will be provided as per factory act to the personnel working in the premises of the factory one the project is commissioned.
iii)	Training shall be imparted to all employees on safety and health aspects of chemicals handling. Pre-employment and routine periodical medical examinations for all employees shall be undertaken on regular basis. Training to all employees on handling of chemicals shall be imparted.	<p>Training will be imparted to all employees on safety and health aspects of chemicals handling. Pre-employment and routine periodical medical examinations for all employees will be undertaken on regular basis.</p> <p>Training to all employees on handling of chemicals will be imparted.</p> <p>All the above measures will be undertaken once the project is commissioned.</p>
iv)	Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, creche etc. The housing may be in the form of temporary structures to be removed after the completion of the project.	The toilets and changing room for the construction labor is already present in the existing building. Safe drinking water facility has also been provided for the construction labor. The photographs depicting the aforesaid are enclosed as Annexure-XIX.
v)	Occupational health surveillance of the workers shall be done on a regular basis and records maintained as per the Factories Act	Occupational health surveillance of the workers will be done on a regular basis and records will be maintained as per the Factories Act once the project is commissioned.
vi)	There shall be adequate space inside the plant premises earmarked for parking of vehicles for raw materials and finished products, and no parking to be allowed outside on public places	There will be adequate space provided inside the plant premises earmarked for parking of vehicles for raw materials and finished products, and no parking is allowed outside on public places.
IX)	Corporate Environment Responsibility	

i)	<p>The project proponent shall comply with the provisions contained in this Ministry's OM vide F.No. 22-65/2017-IA.111 dated 1st May 2018, as applicable, regarding Corporate Environment Responsibility.</p>	<p>S Kant will comply with the provisions contained in this Ministry's OM vide F.No. 22-65/2017-IA.111 dated 1st May 2018 regarding Corporate Environmental Responsibility. The CER plan has submitted to District Collector for the approval and acknowledgment of the same is attached as Annexure- V. The process of approval of the same is under progress and will be submitted shortly.</p>
ii)	<p>The company shall have a well laid down environmental policy duly approve by the Board of Directors. The environmental policy should prescribe for standard operating procedures to have proper checks and balances and to bring into focus any infringements/deviation/violation of the environmental / forest /wildlife norms/ conditions. The company shall have defined system of reporting infringements / deviation / violation of the environmental / forest / wildlife norms / conditions and / or shareholders / stake holders. The copy of the board resolution in this regard shall be submitted to the MoEF&CC as a part of six-monthly report</p>	<p>S Kant has well laid down EHS policy and the same is enclosed as Annexure- XVII.</p>
iii)	<p>A separate Environmental Cell both at the project and company head quarter level, with qualified personnel shall be set up under the control of senior Executive, who will directly to the head of the organization</p>	<p>The organogram of the Environmental Management Cell has been enclosed as Annexure- XX.</p>
iv)	<p>Action plan for implementing EMP and environmental conditions along with responsibility matrix of the company shall be prepared and shall be duly approved by competent authority. The year wise funds earmarked for environmental protection measures shall be kept in separate account and not to be diverted for any other purpose. Year wise progress of implementation of action plan shall be reported to the Ministry/Regional Office along with the Six Monthly Compliance Report.</p>	<p>The organogram of the Environmental Management Cell has been enclosed as Annexure- XX. The year wise progress of implementation of action plan will be reported to the Ministry/Regional Office after elapsing of the 1 year as this is the first six monthly compliance report.</p>

v)	Self-environmental audit shall be conducted annually. Every three years third party environmental audit shall be carried out.	Environmental audit will be conducted annually and every three years environmental audit will be got conducted by third party.
X)	Miscellaneous	
i)	The project proponent shall make public the environmental clearance granted for their project along with the environmental conditions and safeguards at their cost by prominently advertising it at least in two local newspapers of the District or State, of which one shall be in the vernacular language within seven days and in addition this shall also be displayed in the project proponent's website permanently.	The advertisement related to the accord of the environmental clearance was published in two newspapers viz., Maharashtra Times on 15 th July 2020 and in Times of India on 15 th July 2020. The aforesaid advertisements are enclosed as Annexure- XI . The copy of EC letter is displayed on company's website and screenshot of same has been enclosed as Annexure-XII .
ii)	The copies of the environmental clearance shall be submitted by the project proponents to the Heads of local bodies, Panchayats and Municipal Bodies in addition to the relevant offices of the Government who in turn has to display the same for 30 days from the date of receipt	The Copies of environmental clearance submitted to Panchayat and acknowledgment copy of the same has been enclosed as Annexure-XXI .
iii)	The project proponent shall upload the status of compliance of the stipulated environment clearance conditions, including results of monitored data on their website and update the same on half-yearly basis.	This is the first six monthly compliance being submitted. We will shortly upload the status of compliance of the stipulated environment clearance conditions, including results of monitored data on our website and update the same on half-yearly basis.
iv)	The project proponent shall monitor the criteria pollutants level namely; PM10, SO2, NOx (ambient levels as well as stack emissions) or critical sectoral parameters, indicated for the projects and display the same at a convenient location for disclosure to the	This is the first EC compliance being submitted. We will shortly upload the status of compliance of the stipulated EC conditions, including results of monitored

	public and put on the website of the company.	<p>data on our website and will update the same periodically. The first six monthly compliance is being submitted to Regional Office of MoEF, the respective Zonal Office of CPCB and the SPCB.</p> <p>The criteria pollutant levels will be displayed at convenient locations in the factory. The ambient air quality monitoring was carried out. The ranges of some of the parameters are as under: PM10: 74.96-82.03 µg/m³ PM2.5: 36.25-42.91 µg/m³ SO₂: 15.07-29.18 µg/m³ NO_x: 33.52-57.29 µg/m³</p> <p>The detailed results are enclosed as Annexure- XIV.</p> <p>The project is still in construction phase; presently there are no stacks on project site. Stack monitoring will be carried out along with the process stacks once project is commissioned.</p>
v)	The project proponent shall submit six-monthly reports on the status of the compliance of the stipulated environmental conditions on the website of the ministry of Environment, Forest and Climate Change at environment clearance portal.	Noted for compliance. We will submit six-monthly reports on the status of the compliance of the stipulated environmental conditions on the website of the ministry of Environment, Forest and Climate Change at environment clearance portal in the near future as this is the 1 st six monthly compliance report.
vi)	The project proponent shall submit the environmental statement for each financial year in Form-V to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently and put on the website of the company.	The environmental statement for the financial year ending 31st March in Form-V will be submitted by the project proponent to the Maharashtra State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently. All the above conditions will be

		fulfilled once the production has been started.
vii)	The project proponent shall inform the Regional Office as well as the Ministry, the date of financial closure and final approval of the project by the concerned authorities, commencing the land development work and start of production operation by the project.	Noted and agreed.
viii)	The project authorities must strictly adhere to the stipulations made by the State Pollution Control Board and the State Government	Noted and agreed.
ix)	The project proponent shall abide by all the commitments and recommendations made in the EIA/EMP report, commitment made during Public Hearing and also that during their presentation to the Expert Appraisal Committee.	Noted and agreed. We will abide by all the commitments and recommendations made in the EIA/EMP report, Public hearing is not applicable for this project as it is located in the Notified Industrial area and is subsequently categorized as "B1" which was appraised at state level by SEAC-1.
x)	No further expansion or modifications in the plant shall be carried out without prior approval of the Ministry of Environment, Forests and Climate Change (MoEF&CC).	Noted and agreed.
xi)	Concealing factual data or submission of false/fabricated data may result in revocation of this environmental clearance and attract action under the provisions of Environment (Protection) Act, 1986.	Noted and agreed
xii)	The Ministry may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.	Noted and agreed
xiii)	The Ministry reserves the right to stipulate additional conditions if found necessary. The Company in a time bound manner shall implement these conditions.	Noted for information and agreed.
xiv)	The Regional Office of this Ministry shall monitor compliance of the stipulated conditions. The project authorities should extend full cooperation to the officer (s) of the Regional Office by furnishing the requisite	Noted and agreed

	data / information/monitoring reports.	
xv)	The above conditions shall be enforced, inter-alia under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 and the Public Liability Insurance Act, 1991 along with their amendments and Rules and any other orders passed by the Hon'ble Supreme Court of India / High Courts and any other Court of Law relating to the subject matter.	Noted and agreed.
xvi)	Any appeal against this EC shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.	Noted for information.

List of Annexures	
Annexure Number	Contents
Annexure- I	Product list
Annexure- II	Environmental Management Plan
Annexure- III	Photographs during construction phase
Annexure- IV	MIDC approved plot plan
Annexure- V	Acknowledgment of CER submitted
Annexure- VI	Waste water treatment scheme (ZLD scheme)
Annexure- VII	Affidavit for ZLD
Annexure- VIII	Rain water harvesting scheme with calculations
Annexure- IX	Noise monitoring reports
Annexure- X	CHWTSDF Membership Certificate
Annexure- XI	Copy of Newspaper Advertisement
Annexure- XII	Screen shot of EC letter uploaded on company website
Annexure- XIII	Copy of Consent to Establish
Annexure- XIV	Ambient air monitoring results
Annexure- XV	Water permission letter from MIDC
Annexure- XVI	Photographs of Fire Hydrant at project site
Annexure- XVII	EHS policy
Annexure- XVIII	Soil reports
Annexure- XIX	Photographs of facilities provided for Construction workers
Annexure- XX	Organogram of the Environmental Management Cell
Annexure- XXI	Acknowledgment copy of the environmental clearance letter submitted to Panchayat

Annexure – I

Product list

Details of Proposed Production Capacity

Sr. No.	Products	Quantity (TPM)
A	Anti-Diabetic Products	
1	Gliclazide	3.5
2	Glibenclamide	1
3	Glimipride	1
4	Glipizide	1
B	Anti-Viral Products	
1	Aciclovir	4
2	Ganciclovir	2
3	Valganciclovir	0.5
4	Fluconazole	2
C	Anti - Malarial	
1	Sodium Sulfanilamide	5
2	4,7 Dichloroquinoline	2
3	Amodiaquine	2
4	Piperaquine Phosphate	1
5	Hydroxy Chloroquine Sulfate	1
6	Atovaquone	0.25
7	Sulfadimethoxine	3
8	Sulfa Salazine	2.5
9	Sulfadoxine	2.5
10	Artemether	2
11	Artesunate	0.75
12	Lumefantrine	3
13	Pyrimethamine	1
D	Parkinsons	
1	Entacapone	1
E	Antibiotics	
1	Pyrazinamide	5
2	Ambroxol HCL	3
3	Moxifloxacin	2
4	Erythromycin	5
F	Anti-Hypertensive	
1	Losartan Potassium	4
		61 TPM
		732 TPA

Annexure – II

Environmental Management Plan

Budget Allocation for Environmental Management Plan

Sr. No.	Particulars	Project Capital Cost (In Rs. lacs)	Proposed Recurring Cost (Rs. lacs)
1	Air pollution control		
	Provision of stacks of height as recommended by CPCB	35.00	1.50
	Process Scrubber - I	8	0.30
	Process Scrubber - II		
2	Water Pollution control		
	Effluent treatment Plant	58	6.96
	Multiple effect evaporator	35	30
	RO	40	3.20
	Rain water harvesting	1.50	0.6
3	Noise pollution control		
	Acoustic encl./ Ant vibration pads	0.70	0.10
4	Environment Monitoring budget	--	6.96
	Occupational health care		
5	Medical checkup	2.00	4.00
	Health insurance policy		
	Medical staff charges		
	First aid facilities consumables		
	Control of fugitive emissions		
	Work Place monitoring		
6	Green belt	2.50	1.30
7	Hazardous waste disposal	1.00	12.24
	Total	183.7	67.16

Annexure-III

Photographs during construction phase

The photographs of the on-going construction



The photographs of the on-going construction



The photographs of the on-going construction



The photographs of the on-going construction



Annexure-IV

MIDC approved plot plan

Annexure-V

Acknowledgment of CER submitted



Date: 9.1.2020

Dr. Kailash Shinde

Collector & District Magistrate,
Chintupada Rd, Udhyog Nagar,
Palghar, Maharashtra

Subject - Submission of Corporate Environment Responsibility (CER) plan for S Kant Chemicals Private Limited Manufacturing of Synthetic Organic Chemicals & Allied Products Located at Plot No.: w-5, w-6, at Tarapur MIDC, Taluka: Palghar, District: Palghar, State: Maharashtra

Ref - 1. MoM of 149th SEAC-I meeting dated 3rd April 2018
2. Our letter submitted dated on 07.06.18 to your office.

Respected Sir,

S Kant Chemicals Private Limited Manufacturing of Synthetic Organic Chemicals & Allied Products. For proposed new project activity prior environmental clearance is required from environment Department Maharashtra.


As per the procedure of the environmental clearance, our proposal has been discussed in 149th SEAC-I meeting held on 3rd April 2018 and ToRs was approved by SEAC-I by giving some specific conditions. However, as per OM issued by MoEFCC dated 01.05.2018, we need to submit the plan to utilize CER (Corporate Environmental Responsibility) along with timeline.

With reference to this, kindly find the CER activities proposed by us attached as Annexure I. CER activities are based on actual need analysis study done by Functional Area Expert for Socio Economic Ms. Lataraje Bawadekar from NABET accredited consultant Goldfinch Engineering Systems Private Limited Thane.

Kindly give your approval for the proposed CER activities with your valuable suggestion as per the requirement of the district as early as possible.

For S. KANT CHEMICALS PVT. LTD.


DIRECTOR


10-1-2020

आयुक्त निधीस
पालिगढी कलकतल, महलरल



However, as per the OM of CER, "The environmental Clearance given to a project may involve a situation where the concern company is yet to make any net profit and/or is not covered under the preview of the aforesaid Act and Rule. In such cases, the provision of the aforesaid Act and Rules will not apply". Hence, these proposed CER activities will be executed by S Kant Chemicals Private Limited Manufacturing of Synthetic Organic Chemicals & Allied Products at Plot No.: w-5, w-6, only in case the project will be operational and make net profit.

Kindly finalize the proposed CER plan with your valuable suggestion as per the requirement of the district and kindly issue us CER plan approved by you to incorporate it in EIA report on the said New project at your earliest.

You are aware that we have already submitted a letter dated 7.06.18 for allocating funds for CER activities (as Annexure-I of this letter). The copy of the same is attached for your ready reference.

In the light of above notification we request you to mention in your letter that the above fund allocation for CER activities will be applicable only after the manufacturing operations of the said expansion project are commissioned and company starts generating profits.

Waiting for your reply.

Thanking you,

Yours Faithfully

S Kant Chemicals Pvt Ltd

Authorized Signatory



**Annexure -I****CORPORATE ENVIRONMENT RESPONSIBILITY****Budget with Break-up**

As per Corporate Environment Responsibility (CER) Office Memorandum (F.No. 22-65/2017-IA.III) dated 1st May 2018, the company has earmarked INR Rs. 16.84 Lakh (2.0 % of Proposed project cost 8. 42 Cr.) for undertaking the CER activities. CER activities shall be done in surrounding villages

Table Specific CER activity plan along with time lines & detailed of implementing

Sr. No.	CER Activities proposed	Budget (INR)
1.	Provision of Anganwadi room in Pasthan village	3 lakh
2.	common Toilet in Parnali Village	5 lakh
3.	Kurgav village Zillah Parishad school children compound wall and play ground	5 lakh
4.	Provision of E-Learning projector, Sport accessories, Music instrument in Zillah Parishad School of Salwad	2 lakh
5	Provision of Computer, first-aid kit, library in Zillah Parishad School of Tembhi	1 lakh 84 thousand
6	Total (INR)	16.84 lakh

For S. KANT CHEMICALS PVT. LTD.


DIRECTOR

Annexure-VI

Waste water treatment scheme (ZLD
scheme)

Process of effluent treatment:

Effluent treatment process is detailed below:

Primary treatment:

The system is designed to treat 28 m³/day of waste water. The streams will be collected in collection tank from where it will be pumped to neutralization tank where provision of acid/ alkali dosing for neutralization of effluent will be made. The neutralizing agents will be dosed from the respective dosing tanks. The content of equalization tank is mixed with help of coarse diffused aeration system. The equalized and neutralized effluent will be then passed to flash mixer for primary clarification.

Alum will be dosed as coagulant in the flash mixer provided with agitator. The coagulated mass will flow to primary settling tank for settlement of solids. The primary settling tank will be constructed with the hopper bottom for effective removal of solids. The settled solids will be drained to the sludge collection tank. The sludge from sludge tank is then taken to the nutsche filter for dewatering. Clear supernatant will overflow into the bioreactor.

Secondary treatment:

The system is designed to treat 36 m³/day of wastewater. The secondary Treatment is based on the principal of aerobic biological oxidation. The overflow of primary settling tank (28 m³/day) along with domestic waste water (8 m³/day) enters the biological process. There is suspended biological mass within the tank. The mixing and oxygen transfer within the bio-reactors shall be done by diffusing air from air blowers through high efficiency fine bubble diffusers. The MLVSS from the Bio-Reactors shall over-flow to Secondary Settling tank for settling. Settled bio-mass shall be recycled back to bio-reactor to maintain the MLVSS concentration and excess bio-mass shall be wasted periodically. Overflow of settling tank enters the intermediate tank from where it is pumped to tertiary treatment system.

Tertiary treatment:

The system is designed to treat 36 m³/day of waste water. The clear effluent from intermediate tank shall be pumped through a Pressure Sand Filter (PSF) for removing any fine solids escaping the secondary Settling tank & then from Activated Carbon Filter (ACF) for removal of color & odor. The final treated water shall be fed to RO.

Reverse Osmosis

The system is designed to treat 56 m³/day of waste water. The tertiary treated water (36 m³/day) along with cooling tower & Boiler blow down (20 m³/day) will be passed through RO where the dissolved solids are separated in the form of Reject & treated will be utilized for cooling tower and boiler feed. Reject of RO will be fed to the MEE.

Multiple Effect Evaporators:

The MEE system is designed to treat 14 m³/day of wastewater. RO reject will be pumped to the 1st effect Evaporator calandria. The high pressure steam from the boiler will be put in the TVR inlet. The TVR will suck the vapors from the 1st effect VLS and the outlet of TVR will have steam at intermediate pressure and increased enthalpy. The outlet steam from the TVR will be used as the heating medium for the 1st effect calandria. The mass will then be recirculating in the Vapor Liquid Separator (VLS). The vapors separated in the 1st effect VLS will be partly used as heating medium for the 2nd effect calandria and partly will be sucked by the TVR. The vapors separated in the 2nd effect VLS will be condensed in the condenser with cooled water and collected in the flash pot. The steam or vapor in each effect will get condensed and get collected in the flash pot. From the flash pot the condensate will be pumped to the condensate tank. The concentrated feed in the 2nd effect VLS will be pumped to the nutsche filter for recovery of the salt. Filtrate from Nutsche filter will be pumped to 2nd effect back. Condensate from MEE will be recycled / reused for cooling tower and Boiler makeup. Salts generated from MEE will be disposed to CHWTSDF.

Sludge Dewatering

Primary sludge, excess biomass from the secondary treatment and backwash water from PSF will be collected in the sludge sump. From the sludge sump the sludge will be pumped to the nutsche filter for dewatering. The solid cake from the nutsche filter will be sent for disposal to Hazardous waste disposal site. The filtrate from the nutsche filter will be drained to the collection tank.

Effluent Characterization:

A) ETP

Parameters	Unit	Inlet to primary	Outlet from primary	Inlet to Secondary	Outlet from secondary	Inlet to tertiary	Outlet from tertiary
Flow	m ³ /day	28	28	36 (28+8 domestic waste water)	36	36	36
pH	----	6-7	7-8	7-8	7-8	7-8	7-8
BOD ₃ , 27°C	mg/L	2000-3000	1800-2200	1300-1500	50-100	50-100	50-100
COD	mg/L	5000-6000	4500-5000	3000-3500	300-350	300-350	200-250
TSS	mg/L	300-350	20-60	20-60	20-60	20-60	20-60
TDS	mg/L	2000-2100	1900-2200	1300-1800	1000-1400	1000-1400	1000-1400

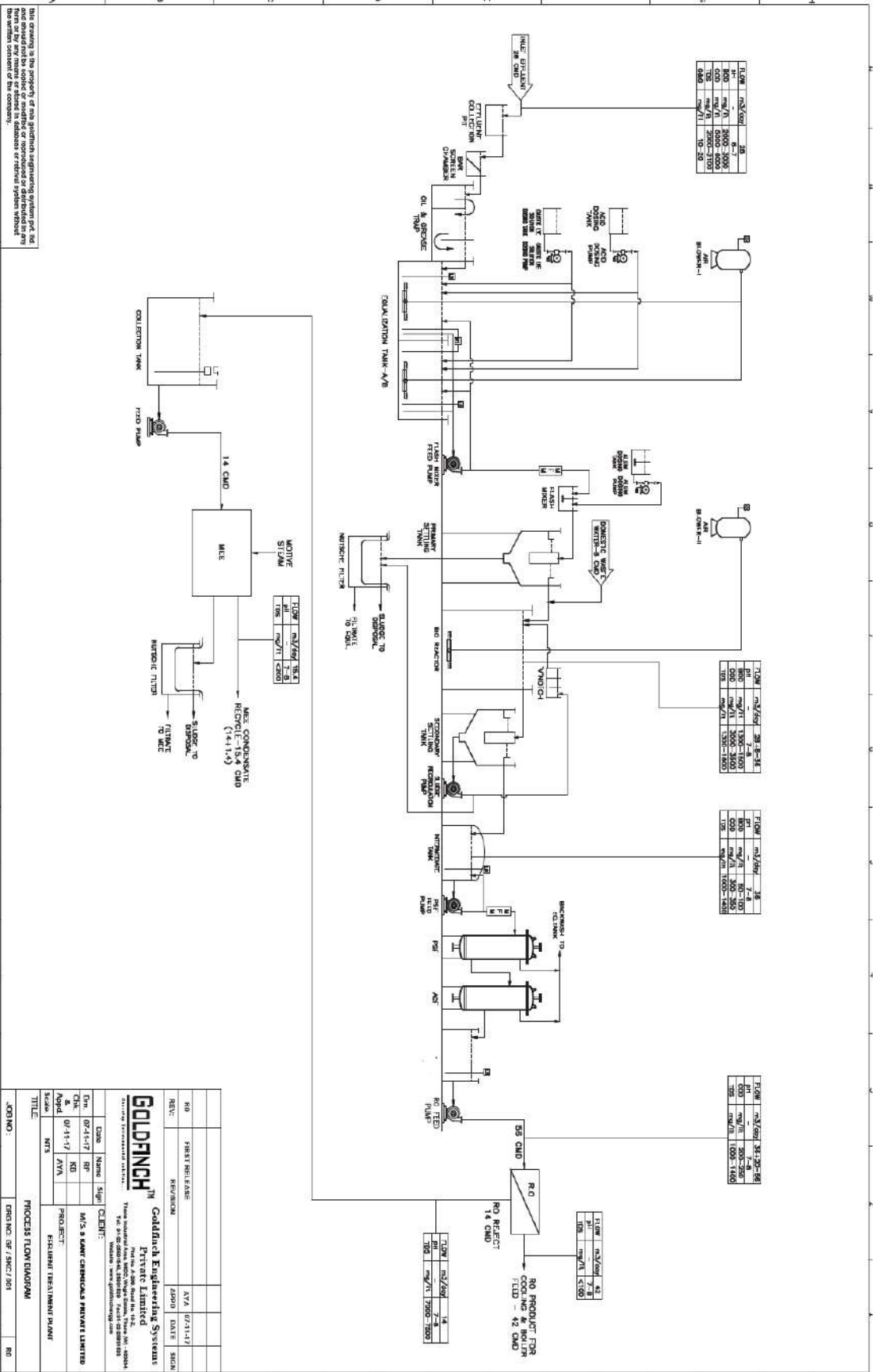
B) Reverse Osmosis

Parameters	Unit	Inlet to RO	Permeate	Reject
Flow	m ³ /day	56 (36+20 C.T. & Boiler blow down)	42	14
pH	----	7-8	7-8	7-8
TDS	mg/L	1000-1400	<100	7000-7500

C) Multiple Effect Evaporators

Parameters	Unit	Inlet to MEE (Reject from RO)	Outlet from MEE
Flow	m ³ /day	14	18.6 (14+4.6 Steam Condensate)
pH	----	7-8	7-8
TDS	mg/L	7000-7500	<200

Process Flow Diagram of ETP



This drawing is the property of our goldfinch engineering system and may not be used or modified or reproduced or distributed in any form without the written consent of the company.

REV:	NO	DATE	BY	CHKD
REV:	01	07/21/17	AVN	AVN

GOLDFINCH™ Goldfinch Engineering Systems
Private Limited
Plot No. 2/200 Road No. 142,
Vengal Rao Nagar, Hyderabad - 500016, India
Website: www.goldfinch.com

CLIENT:	M/S S KANT CHEMICALS PRIVATE LIMITED
PROJECT:	EFFLUENT TREATMENT PLANT
TITLE:	PROCESS FLOW DIAGRAM
JOB NO.:	ENG NO. / SMC / 001
NO	NO

Annexure-VII

Affidavit for ZLD



महाराष्ट्र MAHARASHTRA

AE 547279

Date: 10th Nov. 2017



प्रधान मुद्रांक कार्यालय, मुंबई
प.मु.वि.क. ८०००००६
-7 NOV 2017
२
सक्षम अधिकारी

The Chairman/ Member Secretary,
SEAC-I Cell, Environment Department,
Room no. 217, Mantralaya,
Mumbai 400 002

श्री. दि. क. गवई

Respected Sir,

Subject- Submission of Affidavit for achieving ZLD for our proposed new project of manufacturing of Synthetic Organic Chemicals at Plot no. W-05 & W-06, MIDC Tarapur.

Reference: ToR granted in 138th SEAC Meeting held on 1st June 2017 (Item No. 01)

We thank you very much for granting ToR for our proposed new project of manufacturing of Synthetic Organic chemicals at Plot no. W-05 & W-06, MIDC Tarapur.

For S. KANT CHEMICALS PVT. LTD.


DIRECTOR

038



S. Kant Chemicals Pvt. Ltd.

3-A, Sion, Mumbai - 400 016
Dr. Jaidip Singh - 9 Annexure
फरवारी महिन्यासाठी, Only for Affidavit
Mumbai - 400 016.

मुद्रांक विकत घेणाऱ्याचे नाव _____

मुद्रांक विकत घेणाऱ्याचे रहिवासी पत्ता _____

मुद्रांक विक्रीसाठीची मॉडेलची अनु. क्रमांक _____ दिनांक _____

मुद्रांक विकत घेणाऱ्याची सारी परवानगीसह मुद्रांक विक्रीसाठीची सही
परवानगी क्रमांक : 00000000

मुद्रांक विकत घेणाऱ्याचे पत्ता : _____ चव्हाण
फॉर्मिकरचे नाव : _____

शासकीय कार्यालय, मुद्रांक विभाग, पो.एस.टी. सुंदर - 09.

महाराष्ट्र शासन, मुद्रांक विभाग, पो.एस.टी. सुंदर - 09.

ज्या कारणासाठी ज्याने मुद्रांक विकत घेतला आहे त्या कारणासाठी
मुद्रांक खरेदी केल्यापासून एक महिन्यात वापरणे बंधनकारक आहे.

110 NOV 2011
10 NOV 2011



00010238

मुद्रांक विकत घेणाऱ्याचे नाव
मुद्रांक विकत घेणाऱ्याचे पत्ता
मुद्रांक विकत घेणाऱ्याचे नाव
मुद्रांक विकत घेणाऱ्याचे पत्ता

As per the specific conditions allotted in 138th SEAC - I meeting in granted ToR, we are pleased to submit herewith an Affidavit for achieving Zero Liquid Discharge and not discharging any additional load on CETP or in any other source outside the limits of factory premises. Detailed treatment scheme for the treatment of wastewater is mentioned in EIA report as an Annexure -XI.

We request you now with the above to accord us Environmental Clearance to our project and oblige.

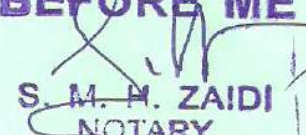
Thanking you.

Yours faithfully,

For S Kant Chemicals Pvt. Ltd.

Vivek Shah - Director



BEFORE ME

S. M. N. ZAIDI
NOTARY
Government of India
Mumbai & Thane Dist.
10 NOV 2017

Annexure-VIII

Rain water harvesting scheme with
calculations

Rain water harvesting Scheme

As from IMD records annual rainfall data for Tarapur region is 2807.3 mm.

Rainfall days on average are 100 nos.

S Kant will make arrangement for collecting rain water and reduce fresh water consumption. As estimated from past data and considering about 100 days in normal rain fall, 12.93 CMD fresh water collections is possible and S Kant will make arrangement for collection of same in RCC tank.

Rain water harvesting estimation

Sr. No.	Source	Area (sq. m)	Runoff Coefficient	Rainfall (m)/day	Rain water collection (CMD)
1	Roof area	512	0.9	2.8073	12.93
	Total	512	--	--	12.93

Daily maximum water collection: 12.93 m³.

No recharging of rain water will be done as water levels are high and area use is chemical industry.

Collection tank will be provided of capacity 15 m³. After filtration rain water will be used for utility purpose.

Annexure-IX

Noise monitoring reports

QF/LA/10-C

Report Ref. No. GFL/AN/R/20/12- 177,178

Report Date: 07.01.2021

Analysis Report For Ambient Noise Level Survey

Name of the Industry :	M/S SKant Chemicals Pvt. Ltd. Plot No: W-05 & W-06, MIDC Tarapur		
Date of Sampling :	30.12.2020	Sample Description :	Noise
Date of Receipt of Sample :	31.12.2020	Sample Collected by :	Laboratory
Date of Analysis Started :	01.01.2021	Date of Analysis Completed :	07.01.2021

Sample Code No. -	Location	Ambient Noise Level		Test Method Used
		Day dB Leq	Night dB Leq	
GFL/AN/20/12-177	Project Site Back side	62.9	56.8	IS 9989-1981 Reaffirmed 2014
GFL/AN/20/12-178	Project Site Main Gate	64.2	57.5	
	M.P.C.B. Limit	75.0	70.0	

Survey carried out using dB meter
Sr. No. GOLDFINCH/INST- DB Meter /79
Calibrated On: 06.11.2020
Calibration due: 05.11.2021

For Goldfinch Engineering Systems Private Limited

Analyzed By

Govt. Analyst

Verified By

Lab-In-charge

Approved By

Director-Lab/Govt. Analyst

Annexure-X

CHWTSDF Membership Certificate



Towards sustainable growth

Mumbai Waste Management Limited

Certificate

m/s. S. Kant chemicals pvt. Ltd.

is a registered member of
CHW-TSDF at MIDC, Taloja
for safe & secure disposal of
Hazardous Waste.

Membership no.: MWML - HzW - TAR - 2944

This Certificate is valid up to

31st. MAR- 2021

Onkar A. Kulkarni
Manager - MBD

Somnath Malgar
Director

An ISO 9001:2015, ISO 14001 : 2015 & ISO 45001 : 2018 Certified Company
MWML Laboratory is accredited by NABL and Approved by MoEF

Annexure-XI

Copy of Newspaper Advertisement

मुंबईचे नं.१ मराठी वृत्त

महाराष्ट्र टाइम्स



हकोच्या करावा, कर्जांमध्यानी दिले. मनुष्यत्वाचा दुःसाथ उपासनी करवा, निर्देशही आता वीज परतली अ

मुंबई | बुधवार, १५ जुलै २०२०

नवे रुग्ण	ठाणे	नवी मुंबई	राज्य	देश
९५४	३४४	२३९	२,६७,६६५	९,०६,७५५
९५,१००	१४,०१९	९,९९७	१०,६९५	२३,७२७
एकूण रुग्ण			मृत्यू	
			रुग्णसंख्या	

वृत्तसंस्था, नवी दिल्ली

आलेय विद्यार्थ्यांच्या पालकांकडून केल्या जाणाऱ्या तक्रारीची दखल घेत मनुष्यबळ विकास मंत्रालयाने मंगळवारी शाळांच्या ऑनलाइन वर्गांसाठी मार्गदर्शक तसे जाहीर केली. त्यानुसार, ऑनलाइन वर्गांचा कालावधी आणि विवसभरातील सत्रांची संख्या यावर मर्यादा घालण्याची शिफारस मंत्रालयाने केली आहे. त्यामुळे विद्यार्थ्यांचा स्क्रीन टाइम कमी होणार असल्याने पालकांना दिलासा मिळणार आहे.

विद्यार्थ्यांच्या स्क्रीन टाइमवर केंद्र सरकारची मर्यादा

- पहिली ते आठवीसाठी एका दिवसात ४५ मिनिटांची केवळ दोन सत्रे असावीत.
- नववी ते बारावीसाठी दिवसभरात ३० ते ४५ मिनिटांची चार सत्रे असावीत.



अशा आहेत शिफारशी

ऑनलाइन वर्गांसाठी मार्गदर्शक तसे जाहीर

करोनाचा प्रादुर्भाव रोखण्यासाठी लागू करण्यात आलेल्या लॉकडाऊनमुळे शाळा बंद आहेत. या परिस्थितीत शाळांकडून ऑनलाइन वर्ग सुरू करण्यात आले आहेत. मात्र हे वर्ग नियमित शाळेप्रमाणे घेतले जात

असल्याने मुलांचा स्क्रीन टाइम वाढला असल्याच्या तक्रारी तक्रारी पाहता असल्याच्या तक्रारी जत होत्या. पालकांची चिंता घ्यानात घेत मनुष्यबळ विकास मंत्रालयाने 'प्राज्ञाता' या नावाने शाळांसाठी मार्गदर्शक तसे पोबरेर्याल यानी दिली.

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Chief **Tedros Adhanom** hits out at the leaders for eroding public trust by sending mixed messages on Covid-19 and says their failure to stop outbreaks means there would be no return to normal

California, Florida and Texas, home to 100m, are getting swamped by the virus and may require stricter lockdown

Japan's annual defence review accuses China of pushing its territorial claims amid the pandemic

World Covid Numbers
Cases: **13.1 million**
Deaths: **574,600**

China announces sanctions on US arms co **Lockheed Martin** in retaliation for US's nod to a Taiwan plea for recertification of PAC-3 air defence missiles

Over a dozen top US tech firms, including Google, Facebook and Microsoft, join a lawsuit filed by Harvard & MIT against visa rule on int'l students

Congress ejects Pilot as dy CM, PCC chief amid Raj turbulence

4 Loyalists Axed From Posts; BJP Seeks Floor Test

Bhanu Pratap Singh @timesgroup.com

Jaipur: The bitter feud between Rajasthan CM Ashok Gehlot and his challenger Sachin Pilot reached the point of no return with Congress on Tuesday sacking the latter as deputy CM and state party chief, accusing him of working at the instance of BJP to topple the state government. Four Pilot loyalists, two of them cabinet ministers, were also sacked.

The development was not a surprise as efforts by the Congress brass to get Pilot to withdraw his rebellion failed even as his supporters upped the ante by demanding a change of leadership. School education minister and Jat leader Govind Singh Dotasra, seen as "neutral" in state politics, was named the...

COVID FRONT IN HARYANA RESORT

Best Western Country Club Resort near Gurgaon, hosting some MLAs from the Sachin Pilot camp, was turned into a 'Covid quarantine centre' to keep away visitors

- A notice at the reception and a parked ambulance kept up appearances. Pilot came to the resort riding pillion on a motorcycle in a helmet and mask on Monday, sources said
- On Tuesday, Cong moved petition before speaker for **disqualification** of MLAs who didn't attend the CLP meeting



ED set to quiz CM son over ₹96cr investment

The ED is set to question the Rajasthan CM's son, Vaibhav Gehlot, in connection with a Rs 96-crore investment from Mauritius in the Jaipur hotel where Congress MLAs loyal to the CM had been corralled.

15 Cong MLAs made parl secys in C'garh

In a bid to appease ambitious Congress MLAs in Chhattisgarh and to presumably avoid a Rajasthan-like rebellion, CM Bhupesh Baghel has appointed 15 of them, including 13 first-timers, as parliamentary secretaries.

Many in Cong express regret

There was an outpouring of sympathy for Sachin Pilot and regret at what could have been from Congress colleagues like former UPA ministers Jitin Prasad and Shashi Tharoor and former MP Priya Dutt. They called him a "talented leader" and wished things had not come to such a pass, though some party members also questioned his "over-ambitiousness".

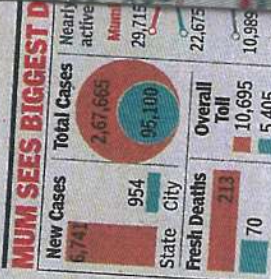
Cong suspends Sanjay Jha

Congress on Tuesday suspended Sanjay Jha from the party for indiscipline, a move that appeared triggered by his defence of Sachin Pilot and criticism of the party functioning in the wake of the Rajasthan political crisis.

Active cases: Mum to 3rd spot after Th Share In State Tally Down To 20% From 60%

Sumitra DebRoy and Bhavika Jain I TNN

Mumbai: In a clear sign that the epicentre of the pandemic has shifted, Mumbai no longer has the highest number of active coronavirus cases among the state's districts. As on Tuesday Thane district had the most active cases (34,006), followed by Pune (23,738) and



City flattening curve? 80% drop in death rate

The death charts of BMC hospitals—witnessing a drop between 65%-80%—are a clear indication that Mumbai is flattening the curve.

Data showed that Mumbai's current contribution to the state's overall active cases has dropped to 20%. It was 38% till June end, and as high

India records 30k+

NOTICES

TO WHOMSOEVER IT MAY CONCERN
ENVIRONMENTAL CLEARANCE
We, S Kant Chemicals Private Limited are pleased to inform that the Environment Department, Government of Maharashtra, has accorded Environmental Clearance (reference no: SDA-EC-0000 (ref: 20228) dated 3rd July 2020) for New project of manufacturing of Active Pharmaceutical Ingredients and Bulk Drugs at Plot No. W-05 & W-06, MIDC, Tarapur Dist., Maharashtra. Total production capacity of product will be 61 TPM. The Environmental Clearance letter is available with the MPCB.

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Annexure-XII

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Annexure-XIII

Copy of Consent to Establish

MAHARASHTRA POLLUTION CONTROL BOARD

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Email : ast@mpcb.gov.in
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Kalpataru Point, 3rd & 4th floor, Sion-
Matunga Scheme Road No. 8, Opp. Cine
Planet Cinema, Near Sion Circle, Sion (E),
Mumbai - 400 022

Red/MSI

Date: 26/12/2017

Consent No: Format 1.0/BO/AST/UAN No.0000038717/E/CC-AST-H&C/CONSHT/1804001265

To,
M/s. S Kant Chemicals Pvt. Ltd.
Plot No. W-5 & W-6, MIDC Tarapur
Tal & Dist- Palghar

Sub: Grant of Consent to Establish under Red/MSI category.

Your application: 0000038717
Dated: 27/12/2017

For 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 5 of the Hazardous & Other Wastes (M & T M) 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 upto Commissioning of the unit or 05 year whichever is earlier (i.e. 31/03/2023)
2. The proposed capital investment of the industry is Rs. 8.42 Crs as per undertaking submitted by industry.
3. The Consent is valid for the manufacture of –

Sr. No.	Product	Maximum Quantity	UOM
A	Anti-Diabetic Products		
1	Gliclazide	3.5	MT/M
2	Glibenclamide	1.0	MT/M
3	Glimipride	1.0	MT/M
4	Glipizide	1.0	MT/M
B	Anti-Viral Products		
1	Aciclovir	4.0	MT/M
2	Ganciclovir	2.0	MT/M
3	Valganciclovir	0.5	MT/M
4	Fluconazole	0.5	MT/M
C	Anti-Malarial		
1	Sodium Sulfanilamide	5.0	MT/M
2	4,7 Dichloroquionoline	2.0	MT/M

3	Amodiaquine	2.0	MT/M
4	Piperaquine Phosphate	1.0	MT/M
5	Hydroxy Chloroquine Sulfate	1.0	MT/M
6	Atovaquone	0.25	MT/M
7	Sulfadimethoxine	3.0	MT/M
8	Sulfa Salazine	2.5	MT/M
9	Sulfadoxine	2.5	MT/M
10	Artemether	2.0	MT/M
11	Artesunate	0.75	MT/M
12	Lumefantrine	3.0	MT/M
13	Pyrimethamine	1.0	MT/M
D	Parkinsons		
1	Entacapone	1.0	MT/M
E	Antibiotics		
1	Pyrazinamide	5.0	MT/M
2	Ambroxol HCL	3.0	MT/M
3	Moxifloxacin	2.0	MT/M
4	Erythromycin	5.0	MT/M
F	Anti-Hypertensive		
1	Losartan Potassium	4.0	MT/M
	Total	61	MT/M

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

Sr. No.	Description	Permitted quantity of discharge (CMD)	Standards to be achieved	Disposal
1.	Trade effluent	48.0	As per Schedule I	Nil (100% recycled in process/cooling tower make up so as to achieve Zero Liquid Discharge)
2.	Domestic effluent	8.0	As per Schedule I	NA

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

Sr. No.	Description of stack / source	Number of Stack	Standards to be achieved
1.	Boiler	1	As per Schedule – II
2.	DG Set (200 KVA)	1	As per Schedule – II

6. Conditions under Non Hazardous Solid Wastes for treatment and disposal of hazardous waste:

Sr. no.	Type of Waste	Quantity	UOM	Disposal
			NA	

7. Conditions under Hazardous and other Waste (M & TM) Rules, 2016 for treatment and disposal of hazardous waste:

Sr. no.	Type of Waste	Category	Quantity	UOM	Treatment	Disposal
1	Process Waste & Residue	28.1	3.0	MT/M	---	CHWTSDf
2.	Spent Carbon	28.3	4.5	MT/M	---	CHWTSDf
3.	Discarded containers	33.1	50	Nos/M	---	Authorized reconditioner
6.	Chemical Sludge from Wastewater Treatment	35.3	6.0	MT/M	---	CHWTSDf

a. The applicant shall properly collect, transport & regularly dispose of the hazardous waste to CHWTSDf, in compliance of the Hazardous & Other Wastes (Management & Transboundary Movement) Rules, 2016 and keep proper manifest thereof.

8. The Board reserves the right to review, amend, suspend, revoke etc. this consent and the same shall be binding on the industry.
9. This consent should not be construed as exemption from obtaining necessary NOC/permission from any other Government authorities.
10. Industry shall obtain Environmental Clearance from competent authority before taking any effective steps towards implementation of the project as the product covers under 5(f) of Schedule of EIA Notification, 2006. 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-19/8/2010, fencing of the site to protect it from getting encroached & construction of temporary shed(s) for the guard(s) & acquisition of land shall not be treated as an effective steps
11. This consent is granted considering modified direction of CPCB dated 31/3/2016, Hon'ble NGT (WZ), Pune order dated 01/5/2017 in the application no. 3/2017 and policy decision of CAC meeting dated 09/02/2018.
12. This consent is issued as per the delegation of power to HOD's vide Board Office Order No. 31/2013 dtd.1/03/2013.
13. This consent is issued without prejudice to the order passed/being passed by the Hon'ble High Court and Hon'ble National Green Tribunal

For and on behalf of the
Maharashtra Pollution Control Board

Mirashe
26/4/18
(P.K.Mirashe)

Assistance Secretary (Technical)

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Sr. No.	Amount (Rs.)	Transaction/DR No.	Date	Drawn On
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1. Regional Officer –MPCB Thane and Sub-Regional Officer-MPCB Tarapur-I
- They are directed to ensure the compliance of the consent conditions.

Schedule-I

Terms & conditions for compliance of Water Pollution Control:

- 1) A] As per your application, you have provided Effluent Treatment Plant (ETP) comprising primary, secondary and Tertiary treatment system followed by Reverse Osmosis and Multi Effective Evaporator having capacity 50 CMD
- B] The Applicant shall operate the effluent treatment plant (ETP) to treat the trade effluent and recycle the entire treated effluent into the process for various purposes such as for cooling, process & Scrubbing so as to achieve Zero Liquid Discharge. There shall be no discharge on land or outside factory premises.
- C] Industry shall provide online pH, flow measuring device, web camera with night vision capability & separate energy, and data to be transmitted to Boards server
- 2) A] As per your consent application, you have provided the sewage treatment system with the design capacity of 8.0 CMD.
- B] The treated domestic effluent shall be soaked in a soak pit, which shall be got cleaned periodically.
- 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 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 and or 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) Cess Act, 1977 and as amended, by installing water meters, filing water cess returns in Form-I and other provisions as contained in the said act:

Sr. no.	Purpose for water consumed	Water consumption quantity (CMD)
1.	Industrial Cooling, spraying in mine pits or boiler feed	82
2.	Domestic purpose	10
3.	Processing whereby water gets polluted & pollutants are easily biodegradable	31
4.	Processing whereby water gets polluted & pollutants are not easily biodegradable and are toxic	Nil
5.	Others: i) Gardening	1.0

- 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.



Schedule-II

Terms & conditions for compliance of Air Pollution Control:

1. As per your application, you have provided the Air pollution control (APC) system and also erected following stack (s) and to observe the following fuel pattern-

Sr. No.	Stack Attached To	APC System	Height in Mtrs.	Type of Fuel	Quantity & UoM	SO ₂ Kg/Day
1	Boiler	Stack	30.0	LDO	52 Kg/Hr	24.96
2	DG Set (200 KVA)	Acoustic Enclosure	4.5 *	HSD	45 Kg/Hr	2.7

2. The applicant shall operate and maintain above mentioned air pollution control system, so as to achieve the level of pollutants to the following standards:

Particulate matter	Not to exceed	150 mg/Nm ³
--------------------	---------------	------------------------

3. Industry shall install continuous online (24X7) monitoring system for stack emissions for measurement of flue gas discharge and the pollutants concentration, and the data to be transmitted to the Boards server.
4. The applicant shall provide specific Air Pollution control equipment as per the conditions of EP Act, 1986 and rule made there under from time to time/Environmental Clearance/CREP guidelines.
5. 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.
6. 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.	Bank Guarantee (C to E/O/R)	Amt. of BG imposed	Submission period	Purpose of BG	Compliance period	Validity period
1	C to E	1.0 Lakh	15 Days	Towards compliance of consent conditions	31/03/2023	31/7/2023



Schedule-IV
General Conditions:

- 1) The applicant shall provide facility for collection of environmental samples and samples of trade and sewage effluents, air emissions and hazardous waste to the Board staff at the terminal or designated points and shall pay to the Board for the services rendered in this behalf.
- 2) 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.
- 3) 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.
- 4) 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.
- 5) The firm shall submit to this office, the 30th day of September every year , the Environmental Statement Report for the financial year ending 31st March in the prescribed Form-V as per the provisions of rule 14 of the Environment (Protection) (Second Amendment) Rules, 1992.
- 6) The industry shall recycle/reprocess/reuse/recover Hazardous Waste as per the provision contain in the HW & other waste(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.
- 7) The industry should comply with the Hazardous and other Waste (M, & TM) Rules, 2016 and submit the Annual Returns as per Rule 5(6) & 22(2) of Hazardous and other Waste (M & TM) Rules, 2016 for the preceding year April to March in Form-IV by 30th June of every year.
- 8) An inspection book shall be opened and made available to the Board's officers during their visit to the applicant.
- 9) The applicant shall obtain Consent to Operate from Board before start of commercial production.
- 10) Industry shall strictly comply with the Water (P&CP) Act, 1974, Air (P&CP) Act, 1981 and Environmental Protection Act, 1986 and industry specific standard under EP Rules 1986 which are available on MPCB website(www.mpcb.gov.in).
- 11) The industry shall constitute an Environmental cell with qualified staff/personnel/agency to see the day to day compliance of consent condition towards Environment Protection.
- 12) 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.
- 13) Neither storm water nor discharge from other premises shall be allowed to mix with the effluents from the factory.
- 14) 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.

15) 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 MoEF dated 17.05.2002 regarding noise limit for generator sets run with diesel
- 16) The industry should not cause any nuisance in surrounding area.
- 17) 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.
- 18) The applicant shall maintain good housekeeping.
- 19) The applicant shall bring minimum 33% of the available open land under green coverage/ plantation. The applicant shall submit a statement on available open plot area, number of trees surviving as on 31st March of the year and number of trees planted by September end, with the Environment Statement.
- 20) 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.
- 21) 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.
- 22) The industry shall ensure that fugitive emissions from the activity are controlled so as to maintain clean and safe environment in and around the factory premises.
- 23) 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 be downloaded from MPCB official site).
- 24) The industry shall submit official e-mail address and any change will be duly informed to the MPCB.
- 25) The industry shall achieve the National Ambient Air Quality standards prescribed vide Government of India, Notification dt. 16.11.2009 as amended.

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Annexure-XIV

Ambient air monitoring results

QF/LA/10-A

Report Ref. No. : GFL/AA/R/20/12-173

Report Date: 07.01.2021

Analysis Report For Ambient Air Monitoring

Name of the Industry :	M/S SKant Chemicals Pvt. Ltd. Plot No: W-05 & W-06, MIDC Tarapur		
Date of Sampling :	29.12.2020	Sample Description :	Ambient
Date of Receipt of Sample :	31.12.2020	Sample Collected by :	Laboratory
Date of Analysis Started :	01.01.2021	Date of Analysis Completed :	07.01.2021

Sample Code No.	GFL/AA/20/12-173	Limits	Units	Test Method
Location	Project Site			
Date/Duration	29.12.2020			
PM 10	82.03	100	µg/m ³	IS 5182(part-23):2006, Reaffirmed-2017 & NAAQS Volume-I
PM 2.5	42.91	60	µg/m ³	CPCB NAAQS Volume-I
SO ₂ conc.	29.18	80	µg/m ³	IS 5182(part -2):2001 Reaffirmed-2017 CPCB NAAQS Volume I
NOx conc.	57.29	80	µg/m ³	IS 5182(part-06):2006 Reaffirmed-2017 CPCB NAAQS Volume I
Ammonia	82.33	400	µg/m ³	CPCB NAAQS Volume-I
Carbon Monoxide	0.36	04	mg/m ³	IS 5182(part-10):1999 Reaffirmed-2014
Benzene	0.13	05	µg/m ³	IS 5182 (part 11):2006 Reaffirmed -2017& CPCB NAAQS volume I
Toluene	0.31	--	µg/m ³	IS 5182 (part 11):2006 Reaffirmed -2017& CPCB NAAQS volume I
Xylene	ND	--	µg/m ³	IS 5182 (part 11):2006 Reaffirmed -2017& CPCB NAAQS volume I
Sampling carried out using HVS GOLDFINCH/INST-HVS/34 Calibrated on : 23.10.2020 Due on : 22.10.2021		Sampling carried out using ADS GOLDFINCH/INST-ADS/41 Calibrated on : 05.06.2020 Due on : 04.06.2021		

Remark- ND= Not Detected

For Goldfinch Engineering Systems Private Limited

Analyzed By



Govt. Analyst

Verified By



Lab-In-charge

Approved By



Director-Lab/Govt. Analyst

QF/LA/10-A

Report Ref. No. : GFL/AA/R/20/12- 174

Report Date: 07.01.2021

Analysis Report For Ambient Air Monitoring

Name of the Industry :	M/S SKant Chemicals Pvt. Ltd. Plot No: W-05 & W-06, MIDC Tarapur		
Date of Sampling :	29.12.2020	Sample Description :	Ambient
Date of Receipt of Sample :	31.12.2020	Sample Collected by :	Laboratory
Date of Analysis Started :	01.01.2021	Date of Analysis Completed :	07.01.2021

Sample Code No.	GFL/AA/20/12-174	Limits	Units	Test Method
Location	Sravali Village Down Wind			
Date/Duration	29.12.2020			
PM 10	77.94	100	µg/m ³	IS 5182(part-23):2006, Reaffirmed-2017 & NAAQS Volume-I
PM 2.5	36.25	60	µg/m ³	CPCB NAAQS Volume-I
SO ₂ conc.	23.89	80	µg/m ³	IS 5182(part -2):2001 Reaffirmed-2017 CPCB NAAQS Volume I
NO _x conc.	50.23	80	µg/m ³	IS 5182(part-06):2006 Reaffirmed-2017 CPCB NAAQS Volume I
Ammonia	75.08	400	µg/m ³	CPCB NAAQS Volume-I
Carbon Monoxide	0.12	04	mg/m ³	IS 5182(part-10):1999 Reaffirmed-2014
Benzene	0.16	05	µg/m ³	IS 5182 (part 11):2006 Reaffirmed -2017& CPCB NAAQS volume I
Toluene	0.31	--	µg/m ³	IS 5182 (part 11):2006 Reaffirmed -2017& CPCB NAAQS volume I
Xylene	ND	--	µg/m ³	IS 5182 (part 11):2006 Reaffirmed -2017& CPCB NAAQS volume I
Sampling carried out using HVS GOLDFINCH/INST-HVS/34 Calibrated on : 23.10.2020 Due on : 22.10.2021		Sampling carried out using ADS GOLDFINCH/INST-ADS/41 Calibrated on : 05.06.2020 Due on : 04.06.2021		

Remark- ND= Not Detected

For Goldfinch Engineering Systems Private Limited

Analyzed By



Govt. Analyst

Verified By



Lab-In-charge

Approved By



Director-Lab/Govt. Analyst

QF/LA/10-A

Report Ref. No. : GFL/AA/R/20/12-175

Report Date: 07.01.2021

Analysis Report For Ambient Air Monitoring

Name of the Industry :	M/S SKant Chemicals Pvt. Ltd. Plot No: W-05 & W-06, MIDC Tarapur		
Date of Sampling :	30.12.2020	Sample Description :	Ambient
Date of Receipt of Sample :	31.12.2020	Sample Collected by :	Laboratory
Date of Analysis Started :	01.01.2021	Date of Analysis Completed :	07.01.2021

Sample Code No.	GFL/AA/20/12-175	Limits	Units	Test Method
Location	Vanipada Village Down Wind			
Date/Duration	30.12.2020			
PM 10	78.02	100	µg/m ³	IS 5182(part-23):2006, Reaffirmed-2017 & NAAQS Volume-I
PM 2.5	40.00	60	µg/m ³	CPCB NAAQS Volume-I
SO ₂ conc.	24.99	80	µg/m ³	IS 5182(part -2):2001 Reaffirmed-2017 CPCB NAAQS Volume I
NO _x conc.	45.78	80	µg/m ³	IS 5182(part-06):2006 Reaffirmed-2017 CPCB NAAQS Volume I
Ammonia	68.92	400	µg/m ³	CPCB NAAQS Volume-I
Carbon Monoxide	0.23	04	mg/m ³	IS 5182(part-10):1999 Reaffirmed-2014
Benzene	0.11	05	µg/m ³	IS 5182 (part 11):2006 Reaffirmed - 2017& CPCB NAAQS volume I
Toluene	0.21	--	µg/m ³	IS 5182 (part 11):2006 Reaffirmed - 2017& CPCB NAAQS volume I
Xylene	ND	--	µg/m ³	IS 5182 (part 11):2006 Reaffirmed - 2017& CPCB NAAQS volume I
Sampling carried out using HVS GOLDFINCH/INST-HVS/35 Calibrated on : 06.06.2020 Due on : 05.06.2021		Sampling carried out using ADS GOLDFINCH/INST-ADS/42 Calibrated on : 05.06.2020 Due on : 04.06.2021		

Remark- ND= Not Detected

For Goldfinch Engineering Systems Private Limited

Analyzed By

Bpte

Govt. Analyst

Verified By

Harsh

Lab-In-charge

Approved By

Bhude

Director-Lab/Govt. Analyst

QF/LA/10-A

Report Ref. No. : GFL/AA/R/20/12-176

Report Date: 07.01.2021

Analysis Report For Ambient Air Monitoring

Name of the Industry :	M/S SKant Chemicals Pvt. Ltd. Plot No: W-05 & W-06, MIDC Tarapur		
Date of Sampling :	30.12.2020	Sample Description :	Ambient
Date of Receipt of Sample :	31.12.2020	Sample Collected by :	Laboratory
Date of Analysis Started :	01.01.2021	Date of Analysis Completed :	07.01.2021

Sample Code No.	GFL/AA/20/12-176	Limits	Units	Test Method
Location	Salwad Village Up Wind			
Date/Duration	30.12.2020			
PM 10	74.96	100	µg/m ³	IS 5182(part-23):2006, Reaffirmed-2017 & NAAQS Volume-I
PM 2.5	37.91	60	µg/m ³	CPCB NAAQS Volume-I
SO ₂ conc.	15.07	80	µg/m ³	IS 5182(part -2):2001 Reaffirmed-2017 CPCB NAAQS Volume I
NO _x conc.	33.52	80	µg/m ³	IS 5182(part-06):2006 Reaffirmed-2017 CPCB NAAQS Volume I
Ammonia	47.2	400	µg/m ³	CPCB NAAQS Volume-I
Carbon Monoxide	0.18	04	mg/m ³	IS 5182(part-10):1999 Reaffirmed-2014
Benzene	0.13	05	µg/m ³	IS 5182 (part 11):2006 Reaffirmed - 2017& CPCB NAAQS volume I
Toluene	0.14	--	µg/m ³	IS 5182 (part 11):2006 Reaffirmed - 2017& CPCB NAAQS volume I
Xylene	ND	--	µg/m ³	IS 5182 (part 11):2006 Reaffirmed - 2017& CPCB NAAQS volume I
Sampling carried out using HVS GOLDFINCH/INST-HVS/35 Calibrated on : 06.06.2020 Due on : 05.06.2021		Sampling carried out using ADS GOLDFINCH/INST-ADS/42 Calibrated on : 05.06.2020 Due on : 04.06.2021		

Remark- ND= Not Detected

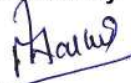
For Goldfinch Engineering Systems Private Limited

Analyzed By



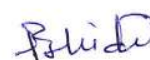
Govt. Analyst

Verified By



Lab-In-charge

Approved By



Director-Lab/Govt. Analyst

Annexure-XV

Water permission letter from MIDC

MAHARASHTRA INDUSTRIAL DEVELOPMENT CORPORATION
(A Government of Maharashtra Undertaking)



No.TB/TRP/E64507 /2017,
Office of the Executive Engineer,
MIDC Division No.1, THANE
Date: 29/12/2017

✓ To,

M/s. S Kant Chemical Pvt. Ltd.
Plot No. W-5 & W-6, MIDC,
Tarapur Indl. Area,
Tarapur – 401506.

Sub :- Tarapur Industrial Area.... Availability Of Water for Expansion of
Plant on Plot No.W-5 & W-6

Ref :- Your letter No. Nil, dt.02/08/2017.

Dear Sir,

With reference to above letter, it is to inform you that MIDC can supply proposed 112m³/day water required to your unit under expansion, subject to submission of valid copy of MPCB's consent of your industry mentioning the above requisite quantity, prevailing NGT orders & achievement of ZLD facility to your unit.

This letter is issued as per your request vide letter under reference, for obtaining the Environment Clearance from GoM.

Thanking you.

Yours faithfully

Executive Engineer
MIDC, Division No. I, Thane

- Copy to Deputy Engineer, MIDC, Maintenance Sub Division, Tarapur, for information .
- Copy to Guard File

Annexure-XVI

Photographs of Fire Hydrant at project site

Photographs of Fire Hydrant



Photographs of Fire Hydrant



Photographs of Fire Hydrant



Photographs of Fire Hydrant



Annexure-XVII

EHS policy



S KANT CHEMICALS PVT. LTD.

W-5 & W-6, MIDC, TARAPUR

ENVIRONMENT, HEALTH AND SAFETY POLICY

We the management of S Kant Chemicals Private Limited engaged in the Business of Manufacturing Active Pharmaceutical Ingredient (API) declare our intention and commitment to Environment, Health and Safety and compliance with all relevant statutory requirements.

We shall make all necessary arrangements to have organization set-up to carry out the declared policy by clearly assigning the responsibility at different levels to make the policy effective.

We shall strive for the involvement of entire workforce with honest intention of taking into account the health and safety performance of individuals at different levels while considering their career advancement and fixing the responsibility of the contractor, sub contractors, transporters and other agencies entering premises for continual improvement towards our commitment.

We shall adopt relevant techniques and methods, such as safety audits and periodic risk assessment status of environment, health and safety and shall take all the required remedial measures.

We further reiterate our intention to integrate health and safety in all decisions including those dealing with purchase of Plant, Equipment, Machinery and Material as well as selection and placement of personnel and make necessary arrangement of informing, educating ,training and retraining of our own employees at different levels and the public ,wherever required.

This policy shall be made widely known by making copies available to all workers including contract workers, apprentices, transport workers, suppliers, etc and by displaying the copies of the policy at conspicuous places in the language understood by majority of workers.

Sd.

Format No: SKCPL/F/0127

Date : 27/01/2021

Mr.Gaurav Shah

(Managing Director)

Annexure-XVIII

Soil reports

[Formerly Waste Encare India Pvt. Ltd.]

QCI-NABET accredited EIA consultant, ISO 9001:2015 Certified Company

Laboratory Gazetted by MoEF (Valid upto Feb 2019) & Certified by OHSAS 18001-2007

Plot No. A - 288, Road No. 16 Z, Opp. Agriculture Office Bus-stop, Thane Industrial Area, MIDC (Wagle Estate)

Thane (West) - 400 604. Maharashtra, India. • Tel.: 91-22-2580 1529 / 1521 / 1546 / 9920093829

Email : mktg@goldfinchengg.com, accounts@goldfinchengg.com / Website : www.goldfinchengg.com

QF/LA/09

Report Ref. No.: GFL/S/R/20/12-63

Report Date: 09.01.2021

Analysis Report

Name of the Industry	M/s. SKant Chemicals Pvt. Ltd., Plot No: W-05 & W-06, MIDC Tarapur		
Date of Sampling	31.12.2020	Sample Description	Soil Sample
Date of Receipt of Sample	31.12.2020	Sample Volume	1000 gms
Date of Analysis Started	01.01.2021	Sample Collected by	Laboratory
Date of Analysis Completed	09.01.2021	Sample Container	Polythene bag

Sr. No.	Parameters	Unit	GFL/S/20/12-63 Project site	Test Method Used
1.	Bulk Density	Kg/m ³	1100	Weight by Volume
2.	Moisture content	%	10	IS:2720 (Part 02) : 1973
3.	Total Organic Carbon	%	0.9	IS:2720 (Part 22) : 1972 RA:2015
4.	Organic Matter	%	1.2	IS:2720 (Part 22) : 1972 RA:2015
5.	pH	--	7.42	IS:2720 (Part 26) : 1987 RA:2016
6.	Electrical Conductivity(1 :2 Soil: Water Extract)	uS/cm	480	IS:14767 – 2000 RA:2016
7.	Water Holding Capacity	%	60.5	IS 14765:2000 RA-2016
8.	Sodium as Na (Exchangeable)	(meq/kg) ^{1/2}	188	Manual for soil testing,DAC-MOA,GOI
9.	Sodium as Na	mg/kg	90	USEPA 3050 B
10.	Potassium as K	mg/kg	16	USEPA 3050 B
11.	Calcium as Ca	mg/ kg	120	USEPA 3050 B
12.	Magnesium as mg	mg/ kg	62	USEPA 3050 B
13.	Sodium Absorption Ratio (SAR)	(meq/kg) ^{1/2}	0.8	By Calculation
14.	Boron as B (Available)	mg/ kg	<0.5	Manual for soil testing,DAC-MOA,GOI

For Goldfinch Engineering Systems Private Limited


Analyzed By


Govt Analyst

Verified By


Lab-Incharge

Approved By


Director-Lab/Govt.Analyst

Report Ref. No.: GFL/S/R/20/12-63

Report Date: 09.01.2021

Analysis Report

Name of the Industry	M/s. SKant Chemicals Pvt. Ltd., Plot No: W-05 & W-06, MIDC Tarapur		
Date of Sampling	31.12.2020	Sample Description	Soil Sample
Date of Receipt of Sample	31.12.2020	Sample Volume	1000 gms
Date of Analysis Started	01.01.2021	Sample Collected by	Laboratory
Date of Analysis Completed	09.01.2021	Sample Container	Polythene bag

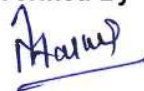
Sr. No.	Parameters	Unit	GFL/S/20/12-63 Project site	Test Method Used
15	Cation Exchange Capacity	Meq/100g	24	IS 2720(Part-24)1976
16	Total Nitrogen	mg/ kg	455	IS:14684-1999
17	Available Phosphorus as P ₂ O ₅	mg/ kg	200	Manual for soil testing,DAC-MOA,GOI
18	Available Potassium as K ₂ O	mg/kg	110	Manual for soil testing,DAC-MOA,GOI
19	Total Phosphorous as P	mg/kg	268	Manual for soil testing,DAC-MOA,GOI
20	Available Manganese as Mn	mg/kg	40	Manual for soil testing,DAC-MOA,GOI
21	Available Iron as Fe	mg/kg	26	Manual for soil testing,DAC-MOA,GOI
22	Available copper as Cu	mg/kg	32	Manual for soil testing,DAC-MOA,GOI
23	Available Zinc as Zn	mg/kg	2.4	Manual for soil testing,DAC-MOA,GOI

For Goldfinch Engineering Systems Private Limited

Analyzed By


Govt Analyst

Verified By


Lab-Incharge

Approved By


Director-Lab/Govt.Analyst

Annexure-XIX

Photographs of facilities
provided for Construction
workers

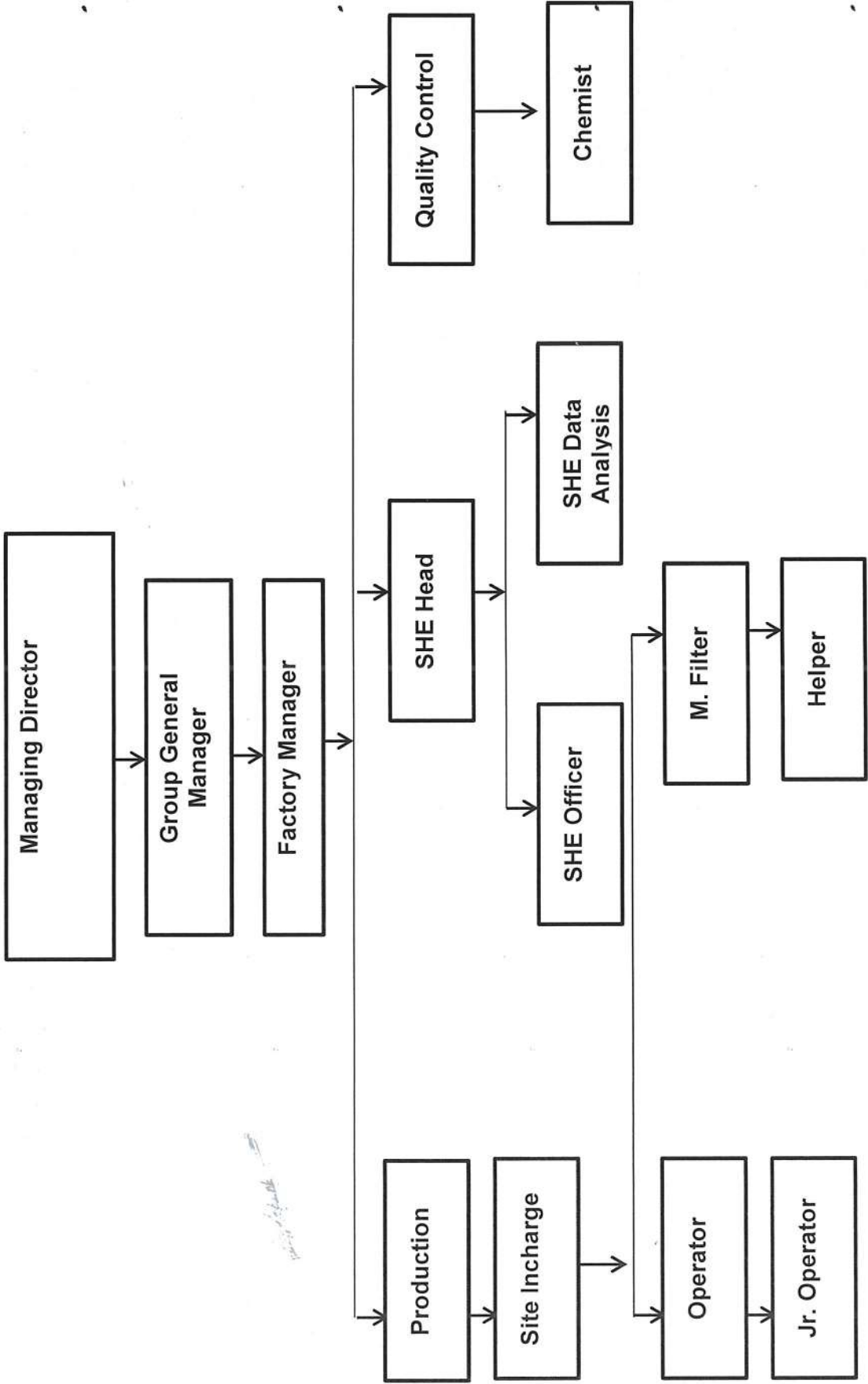




Annexure-XX

Organogram of the Environmental Management Cell

ORGANOGRAM



Annexure-XXI

Acknowledgment copy of the
environmental clearance letter submitted
to Panchayat



S Kant Chemicals Pvt. Ltd.

Head Office: 3-A Shiv Sagar Estate, Dr. Annie Besant Road, Worli, Mumbai - 400 018. INDIA
Tel: +(91-22) 66227575 Fax: +(91-22) 66227500/66227600 Website: www.sk1932.com

Date: 01/02/2021

To,
Grampanchayt ,
Kolwade,
Tal. & Dist.- Palghar,

Dear Sir,

We S Kant Chemicals Pvt Ltd, situated at Plot No W5 & W6, MIDC, Tarapur, Boisar – 401 506.
We hereby submitting copy of ENVIRONMENT CLEARANCE to your office for your reference.

Please acknowledge for reference.

Thanking You,

S KANT CHEMICLAS PVT LTD.

401506
Re 09/02/2021

लिपिक
ग्रामपंचायत-कोलवाडे