



STATE LEVEL ENVIRONMENT IMPACT ASSESSMENT AUTHORITY

Environment department,
Room No. 217, 2nd floor,
Mantralaya, Annexe,
Mumbai- 400 032.
Date:February 16, 2018

To,
Mr Ankur Todi (Director)
at Plot No. T-8, MIDC area, Tarapur, Palghar

Subject: Environment Clearance for Synthetic Organic Chemicals Industry
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 th 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 114th meetings.


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

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

1.Name of Project	M/s SNA Healthcare Pvt. Ltd
2.Type of institution	Private
3.Name of Project Proponent	Mr Ankur Todi (Director)
4.Name of Consultant	M/s S G M Corporate Consultant Pvt Ltd
5.Type of project	NA
6.New project/expansion in existing project/modernization/diversification in existing project	Not applicable
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	Not applicable
8.Location of the project	Plot No. T-8, MIDC area, Tarapur, Palghar
9.Taluka	Palghar
10.Village	Tarapur
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: 1911
13.Note on the initiated work (If applicable)	Existing unit
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	NA
15.Total Plot Area (sq. m.)	2021.00
16.Deductions	00
17.Net Plot area	2021.00

SEIAA Meeting No: 114 Meeting Date: February 2, 2018 (SEIAA-STATEMENT-000000603)
SEIAA-MINUTES-000000247
SEIAA-EC-000000178

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Shri. Anil Diggikar (Member Secretary SEIAA)

18 (a).Proposed Built-up Area (FSI & Non-FSI)	FSI area (sq. m.): NA
	Non FSI area (sq. m.): NA
	Total BUA area (sq. m.): 1911
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)	1050
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	50
21.Estimated cost of the project	620



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22. Production Details

Serial Number	Product	Existing (MT/M)	Proposed (MT/M)	Total (MT/M)
1	Selenium Metal Compounds	2.0	00	2.0
2	Tin Metal Compounds	20.0	00	20.0
3	Specialty Fine Chemicals Such as Diethylmethyl Malonate, Butylated Hydroxy Anisole (BHA) (tert-Butyl -4-methoxy phenyl), Butylated Hydroxy Toluene (BHT) or 3,5-di-tert-butyl-4-hydroxytoluene, 2,5 Di Hydroxy Benzyl Sulphonic Acid and its derivatives, 3,4- Dihydroxy -4'-methyl-5-nitrobenzophenone & its derivatives & others as per Consent to operate	40.0	00	40.0
4	Hydrogenation of Aldehydes & Amides to Alcohols & Amines	15.0	00	15.0
5	Inorganic Speciality chemicals of rare earth metallic salts such as palladium chloride, palladium on carbon, Tellurium	3.0	00	3.0
6	Baclofen	00	1.0	1.0
7	Eperisone Hydrochloride	00	1.0	1.0
8	Tolperisone Hydrochloride	00	1.5	1.5
9	Tolcapone	00	1.0	1.0
10	Zoles such as Miconazole Nitrate , Econazole, Sartaconazole, Isoconazole, Ketoconazole and Fluconazole	00	3.0	3.0
11	Phenylephrine HydroChloride	00	0.5	0.5
12	Ethamsylate	00	8.0	8.0
13	Tropicamide	00	0.5	0.5
14	Cyclopentolate Hydrochloride Torsemide	00	1.5	1.5
15	Diclofenac Sodium	00	1.5	1.5
16	Inorganic Nitrates such as sodium nitrate , cobalt nitrate , nickel nitrate , etc	00	4.0	4.0
17	Inorganic Sulphates such as nickel sulphate , cobalt sulphate, sodium sulphate , calcium sulphate etc	00	4.0	4.0
18	inorganic chlorides such as sodium chloride , calcium chloride , cobalt chloride , nickel chloride etc.	00	4.0	4.0
19	Hydroxides and carbonates of metals such as aluminium hydroxide , calcium oxide , calcium carbonate etc	00	4.0	4.0
20	Flubriprofen	00	1.5	1.5
21	Brimonidine Tartarate	00	0.25	0.25
22	Prost compounds such as Latanoprost, Carboprost, Bimaprost	00	0.1	0.1
23	Eflornithine Hydrochloride Monohydrate	00	0.5	0.5

24	Allantoin	00	5.0	5.0
25	Nonivamide	00	5.0	5.0
26	Zapam's such as Lorazepam, Tamazepam, Oxazepam	00	5.0	5.0
27	Zolpidem Tartarate	00	1.5	1.5
28	Hydrochloric acid (By Products)	5.0	2.5	7.5
29	Sulphuric acid (By Products)	5.0	2.5	7.5
30	Nitric Acid (By Products)	5.0	2.5	7.5
31	Hydrobromic Acid	5.0	2.5	7.5

23.Total Water Requirement

Dry season:	Source of water	NA
	Fresh water (CMD):	NA
	Recycled water - Flushing (CMD):	NA
	Recycled water - Gardening (CMD):	NA
	Swimming pool make up (Cum):	NA
	Total Water Requirement (CMD) :	NA
	Fire fighting - Underground water tank(CMD):	NA
	Fire fighting - Overhead water tank(CMD):	NA
	Excess treated water	NA
Wet season:	Source of water	NA
	Fresh water (CMD):	NA
	Recycled water - Flushing (CMD):	NA
	Recycled water - Gardening (CMD):	NA
	Swimming pool make up (Cum):	NA
	Total Water Requirement (CMD) :	NA
	Fire fighting - Underground water tank(CMD):	NA
	Fire fighting - Overhead water tank(CMD):	NA
	Excess treated water	NA
Details of Swimming pool (If any)	NA	

24.Details of Total water consumed

Particulars	Consumption (CMD)			Loss (CMD)			Effluent (CMD)		
	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total
Domestic	10	00	10	03	00	03	07	00	07
Industrial Process	15	13	28	05	03	08	10	10	20
Cooling tower & thermopack	20	25	45	18	22	40	02	03	05
Gardening	05	00	05	05	00	05	00	00	00

25.Rain Water Harvesting (RWH)	Level of the Ground water table:	4.0-5.0 M
	Size and no of RWH tank(s) and Quantity:	1 tank of 10 cum
	Location of the RWH tank(s):	Ground
	Quantity of recharge pits:	NA
	Size of recharge pits :	NA
	Budgetary allocation (Capital cost) :	0.50
	Budgetary allocation (O & M cost) :	0.01
	Details of UGT tanks if any :	100 cum tank

26.Storm water drainage	Natural water drainage pattern:	Through MIDC drain
	Quantity of storm water:	0.3 cum/sec
	Size of SWD:	300 x 400 mm

27.Sewage and Waste water	Sewage generation in KLD:	07
	STP technology:	Septic Tank
	Capacity of STP (CMD):	NA
	Location & area of the STP:	NA
	Budgetary allocation (Capital cost):	00
	Budgetary allocation (O & M cost):	00

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:	10
	Wet waste:	05
	Hazardous waste:	Details given below
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	septic tank sludge 01 kg
	Others if any:	NA
Mode of Disposal of waste:	Dry waste:	Local Authority
	Wet waste:	Local Authority
	Hazardous waste:	Details given below
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	as manure
	Others if any:	NA
Area requirement:	Location(s):	NA
	Area for the storage of waste & other material:	NA
	Area for machinery:	NA
Budgetary allocation (Capital cost and O&M cost):	Capital cost:	NA
	O & M cost:	NA

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29. Effluent Characteristics

Serial Number	Parameters	Unit	Inlet Effluent Characteristics	Outlet Effluent Characteristics	Effluent discharge standards (MPCB)
1	pH	Not applicable	6.0-10	5.5 -8.5	5.5-9.0
2	BOD	mg/lit	1275-1455	< 100	100 mg/l
3	COD	mg/lit	3620 - 4410	< 250	250 mg/l
4	SS	mg/lit	300-450	< 100	100 mg/l
Amount of effluent generation (CMD):		25			
Capacity of the ETP:		35			
Amount of treated effluent recycled :		03			
Amount of water send to the CETP:		Nil till operation of New CETP.			
Membership of CETP (if require):		Yes			
Note on ETP technology to be used		ETP with Evaporator			
Disposal of the ETP sludge		Sent to CHWTSDF, Taloja			



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30.Hazardous Waste Details							
Serial Number	Description	Cat	UOM	Existing	Proposed	Total	Method of Disposal
1	Waste residues	28.1	TPM	0.1	0.5	0.6	CHWTSDF
2	Of Specification Products	28.2	TPM	0.3	0.4	0.7	CHWTSDF
3	Discarded Containers	33.3	NO.	200	300	500	Reuse/Sell
4	Chemical sludge	34.3	TPM	0.5	0.5	1.0	CHWTSDF
5	Distillation residues	36.4	TPM	0.3	0.7	1.0	CHWTSDF
6	Spent Solvents	20.2	TPM	20	20	40	CHWTSDF
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	Furnace Oil/Briquettes/Coal 2.5	2.0	15	0.18	120	
2	Boiler	Furnace Oil /Briquettes/Coal 2.5	4.5	20	0.20	120	
3	Scrubber	Not applicable	1	10	0.08	40	
4	D.G	HSD	1	4.5	0.02	90	
32.Details of Fuel to be used							
Serial Number	Type of Fuel	Existing	Proposed	Total			
1	Furnace Oil	1.5	5.0	6.5			
2	Coal	2.0	00	2.0			
3	Briquettes	3.0	5.0	5.0			
4	HSD	0.5	0.0	0.5			
33.Source of Fuel		Local Vendor					
34.Mode of Transportation of fuel to site		By Road					
35.Energy							

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Power requirement:	Source of power supply :	MSEB
	During Construction Phase: (Demand Load)	NA
	DG set as Power back-up during construction phase	NA
	During Operation phase (Connected load):	300
	During Operation phase (Demand load):	245
	Transformer:	300
	DG set as Power back-up during operation phase:	50
	Fuel used:	HSD
	Details of high tension line passing through the plot if any:	NA

Energy saving by non-conventional method:

LED lights

36.Detail calculations & % of saving:

Serial Number	Energy Conservation Measures	Saving %
1	LED lights	Yes

37.Details of pollution control Systems

Source	Existing pollution control system	Proposed to be installed
Waster Water	ETP	Evaporator
Air Emission	Scubber	NA

Budgetary allocation (Capital cost and O&M cost):	Capital cost:	2.0
	O & M cost:	0.25

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	Air Pollution Control	PM-10, PM-2.5, SOX, NOX ETC	25.0	1.0

2	Water Pollution Control	PH, BOD, COD, TSS	75.0	5.0
3	Noise Pollution Control	Noise	5.0	0.25
4	Occupational Health	Safety, health	15.0	1.0
5	Hazardous waste	sludge, residues etc	5.0	2.0
6	Environment Monitoring	PM-10, PM-2.5, SOX, NOX ETC	0.0	1.50
7	Green Belt	Tree plantation	0.75	0.25

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
Methanol	Not applicable	HDPE Drums	5.0	5.0	10	Local vendor	By Road
Acetone	Not applicable	HDPE/MS Drums	3.0	3.0	5.0	Local vendor	By Road
Toluene	Not applicable	HDPE/MS Drums	3.0	3.0	10.0	Local vendor	By Road
Methylene Di Chloride	Not applicable	HDPE/MS Drums	2.0	2.0	6.0	Local vendor	By Road
Hydrogen Gas	Not applicable	CYLINDER	90	90	90	Local vendor	By Road
Oleum	Not applicable	MS Drum	2.0	2.0	10.0	Local vendor	By Road
Phosphorous Pentoxide	Not applicable	HDPE Carboy	1.0	1.0	3.0	Local vendor	By Road
Piperidine	Not applicable	MS Drum	1.0	1.0	5.0	Local vendor	By Road
OTHERS	ENCLOSED AS ANNEXURE	ENCLOSED AS ANNEXURE	ENCLOSED AS ANNEXURE	ENCLOSED AS ANNEXURE	ENCLOSED AS ANNEXURE	ENCLOSED AS ANNEXURE	ENCLOSED AS ANNEXURE

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	5(F) B1
	Court cases pending if any	NA
	Other Relevant Informations	THIS PROJECT IS RECOMMENDED BY SEAC-1 IN ITS 137 MEETING FOR ENVIRONMENTAL CLEARANCE.
	Have you previously submitted Application online on MOEF Website.	Yes
	Date of online submission	08-09-2016

3. The proposal has been considered by SEIAA in its 114th 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	The PP shall ensure a turning radius of 9 meters on both sides of the north boundary of the plot.
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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	73 TPH boiler should have stack height of 68m and flue gases shall be passed through an ESP of 99.9% efficiency before being led into the 68 m stack.
III	No additional land shall be used /acquired for any activity of the project without obtaining proper permission.
IV	PP to take utmost precaution for the health and safety of the people working in the unit as also for protecting the environment.
V	Proper Housekeeping programmers shall be implemented.
VI	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.
VII	A stack of adequate height based on DG set capacity shall be provided for control and dispersion of pollutant from DG set. (If applicable).
VIII	A detailed scheme for rainwater harvesting shall be prepared and implemented to recharge ground water.
IX	Arrangement shall be made that effluent and storm water does not get mixed.
X	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.
XI	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.
XII	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.
XIII	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.
XIV	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.

XV	Occupational health surveillance of the workers shall be done on a regular basis and record maintained as per Factories Act.
XVI	(The company shall make the arrangement for protection of possible fire hazards during manufacturing process in material handling.
XVII	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.
XVIII	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.
XIX	A separate environment management cell with qualified staff shall be set up for implementation of the stipulated environmental safeguards.
XX	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
XXI	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
XXII	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.
XXIII	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.
XXIV	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.
XXV	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.
XXVI	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.

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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.

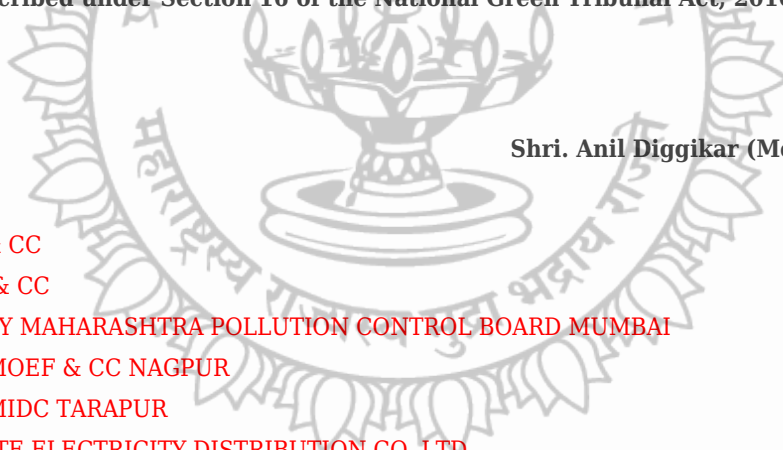
6. The Environment department reserves the right to add any stringent condition or to revoke the clearance if conditions stipulated are not implemented to the satisfaction of the department or for that matter, for any other administrative reason.

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. SECRETARY MOEF & CC
2. IA- DIVISION MOEF & CC
3. MEMBER SECRETARY MAHARASHTRA POLLUTION CONTROL BOARD MUMBAI
4. REGIONAL OFFICE MOEF & CC NAGPUR
5. REGIONAL OFFICE MIDC TARAPUR
6. MAHARASHTRA STATE ELECTRICITY DISTRIBUTION CO. LTD
7. COLLECTOR OFFICE PALGHAR

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