153rd Meeting of State Level Expert Appraisal Committee (SEAC-1)

SEAC Meeting number: 153rd (Day-2) Meeting Date July 1, 2018

Subject: Environment Clearance for Proposed Establishment of Common Effluent Treatment Plant (CETP) at Plot No P -30, Ambad MIDC area, Village Ambad, Tehsil Nasik, Dist. Nasik, Maharashtra by Nasik CETP Foundation

Is a Violation Case: No

10 11 110111111111111111111111111111111						
1.Name of Project	Proposed Establishment of Common Effluent Treatment Plant (CETP) at Plot No P - 30, Ambad MIDC area, Village Ambad, Tehsil Nasik, Dist. Nasik, Maharashtra by Nasik CETP Foundation					
2.Type of institution	Private					
3.Name of Project Proponent	Nashik CETP Foundation					
4.Name of Consultant	Aditya Environmental Services Pvt. Ltd.					
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	Not applicable					
8.Location of the project	Plot No P - 30, Ambad MIDC area, Village Ambad, Tehsil Nasik, Dist. Nasik, Maharashtra					
9.Taluka	Nashik					
10.Village	Ambad					
11.Area of the project	MIDC Ambad					
	MIDC approval					
12.IOD/IOA/Concession/Plan Approval Number	IOD/IOA/Concession/Plan Approval Number: MIDC Plan approval					
Tipprovar ivanibor	Approved Built-up Area: 8900					
13.Note on the initiated work (If applicable)	Not applicable					
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	Not applicable					
15.Total Plot Area (sq. m.)						
	8900 sq.m					
16.Deductions	8900 sq.m Not applicable					
16.Deductions 17.Net Plot area						
17.Net Plot area	Not applicable					
17.Net Plot area 18 (a).Proposed Built-up Area (FSI &	Not applicable Not applicable					
17.Net Plot area	Not applicable Not applicable a) FSI area (sq. m.): Not applicable					
17.Net Plot area 18 (a).Proposed Built-up Area (FSI & Non-FSI)	Not applicable Not applicable a) FSI area (sq. m.): Not applicable b) Non FSI area (sq. m.): Not applicable					
17.Net Plot area 18 (a).Proposed Built-up Area (FSI & Non-FSI) 18 (b).Approved Built up area as per	Not applicable Not applicable a) FSI area (sq. m.): Not applicable b) Non FSI area (sq. m.): Not applicable c) Total BUA area (sq. m.): 8900					
17.Net Plot area 18 (a).Proposed Built-up Area (FSI & Non-FSI)	Not applicable Not applicable a) FSI area (sq. m.): Not applicable b) Non FSI area (sq. m.): Not applicable c) Total BUA area (sq. m.): 8900 Approved FSI area (sq. m.):					
17.Net Plot area 18 (a).Proposed Built-up Area (FSI & Non-FSI) 18 (b).Approved Built up area as per	Not applicable Not applicable a) FSI area (sq. m.): Not applicable b) Non FSI area (sq. m.): Not applicable c) Total BUA area (sq. m.): 8900 Approved FSI area (sq. m.): Approved Non FSI area (sq. m.):					
17.Net Plot area 18 (a).Proposed Built-up Area (FSI & Non-FSI) 18 (b).Approved Built up area as per DCR	Not applicable Not applicable a) FSI area (sq. m.): Not applicable b) Non FSI area (sq. m.): Not applicable c) Total BUA area (sq. m.): 8900 Approved FSI area (sq. m.): Approved Non FSI area (sq. m.): Date of Approval:					

22. Number of buildings & its configuration

Serial number	Buildin	ng Name & number	Number of floors	Height of the building (Mtrs)
1	1	Not applicable	Not applicable	Not applicable
23.Number		Not applicable		
24.Number		Not applicable		

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25.Tenant density per hectare	Not applicable
26.Height of the building(s)	
27.Right of way (Width of the road from the nearest fire station to the proposed building(s)	Min. 6 m
28.Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation	Not applicable
29.Existing structure (s) if any	Not applicable
30.Details of the demolition with disposal (If applicable)	Not applicable
	31.Production Details

Serial Number	Product	Product Existing (MT/M)		Total (MT/M)	
1	Not applicable. Proposed project is for establishment of CETP of 500 CMD.	0	0	0	

32.Total Water Requirement

	52.10ta	i vidior itoquiromoni
	Source of water	MIDC
	Fresh water (CMD):	Not applicable
	Recycled water - Flushing (CMD):	Not applicable
	Recycled water - Gardening (CMD):	Not applicable
	Swimming pool make up (Cum):	Not applicable
Dry season:	Total Water Requirement (CMD)	12 cmd
5	Fire fighting - Underground water tank(CMD):	Not applicable
	Fire fighting - Overhead water tank(CMD):	Not applicable
	Excess treated water	Not applicable

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		Carrage of and	A	Not omplied	-1-							
		Source of wa		Not applicable Not applicable								
		Fresh water (Not applicar	**							
		Recycled wat Flushing (CM		Not applicable								
		Recycled wat Gardening (C		Not applical	ole							
Swimming pool make up (Cum):				Not applical	ole							
Wet season	n:	Total Water Requirement :	t (CMD)	Not applicab	ole							
		Fire fighting Underground tank(CMD):		Not applical	ole							
		Fire fighting Overhead wa tank(CMD):		Not applical	ole							
		Excess treate	ed water	Not applical	ole							
Details of S pool (If any		Not applicable	9									
		33.	.Detail	s of Total	l water co	nsume	d					
Particula rs	Cons	sumption (CM	D)	I	Loss (CMD)	2	Effluent (CMD)					
Water												
Require ment	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total			
Require	Existing 0	Proposed 1	Total	Existing 0	Proposed 0.2	Total	Existing 0	Proposed 0.8	Total			
Require ment								_				
Require ment Domestic Industrial	0	1	1	0	0.2	0	0	0.8	0.8			
Require ment Domestic Industrial	0	1	1 11	0	5	0	0	0.8	0.8			
Require ment Domestic Industrial	0	1 11 Level of the (1 11 Ground	0	0.2 5	0	0	0.8	0.8			
Require ment Domestic Industrial	0	1 11 Level of the (water table: Size and no (tank(s) and	1 11 Ground	0 0 Not applical	0.2 5	0	0	0.8	0.8			
Require ment Domestic Industrial Process	0 0	1 11 Level of the (water table: Size and no (tank(s) and Quantity: Location of t	1 11 Ground of RWH	0 0 Not applical	0.2 5 ble ble ble	0	0	0.8	0.8			
Require ment Domestic Industrial Process	0 0	Level of the (water table: Size and no (tank(s) and Quantity: Location of tank(s): Quantity of r	1 11 Ground of RWH he RWH	0 0 Not applical Not applical	0.2 5 ble ble ble	0	0	0.8	0.8			
Require ment Domestic Industrial Process 34.Rain V Harvestin	0 0	Level of the (water table: Size and no (tank(s) and Quantity: Location of tank(s): Quantity of rpits:	1 11 Ground of RWH he RWH recharge rge pits	0 0 Not applical Not applical Not applical	0.2 5 ble ble ble ble ble	0	0	0.8	0.8			
Require ment Domestic Industrial Process 34.Rain V Harvestin	0 0	Level of the (water table: Size and no (tank(s) and Quantity: Location of tank(s): Quantity of rpits: Size of recha: Budgetary al	1 11 Ground of RWH he RWH echarge rge pits location):	0 Not applical Not applical Not applical Not applical	0.2 5 ble ble ble ble ble ble	0	0	0.8	0.8			
Require ment Domestic Industrial Process 34.Rain V Harvestin	0 0	Level of the (water table: Size and no (tank(s) and Quantity: Location of tank(s): Quantity of rpits: Size of rechation: Budgetary al (Capital cost	1 11 Ground of RWH he RWH echarge trge pits location :	0 0 Not applical Not applical Not applical Not applical Not applical	0.2 5 ble ble ble ble ble ble ble	0	0	0.8	0.8			



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25.01	Natural water drainage pattern:	Not applicable				
35.Storm water drainage	Quantity of storm water:	Not applicable				
	Size of SWD:	Not applicable				
	<u>I</u>					
	Sewage generation in KLD:	0.8 CMD				
	STP technology:	Not applicable. Sewage will be treated in proposed CETP.				
Sowago and	Capacity of STP (CMD):	Not applicable				
Sewage and Waste water	Location & area of the STP:	Not applicable				
	Budgetary allocation (Capital cost):	Not applicable				
	Budgetary allocation (O & M cost):	Not applicable				
	36.Soli	d waste Management				
Waste generation in	Waste generation:	Minor quantity of debris will be generate.				
the Pre Construction and Construction phase:	Disposal of the construction waste debris:	Construction waste debris will be disposed off as per norms.				
	Dry waste:	Boiler Ash: 0.500 MT/Day, Empty Containers (MS/Fibre Drums/Glass Bottles etc.): 100 Nos /Annum, Empty containers/ HDPE drums: 400 Nos./ Annum, HDPE bags: 10 MT / Annum, Paper waste: 1 MT/Annum				
	Wet waste:					
Waste generation	Hazardous waste:	Chemical sludge: 365 T/Annum, Spent Carbon: 5 T/Annum				
in the operation Phase:	Biomedical waste (If applicable):	Not applicable				
	STP Sludge (Dry sludge):	Not applicable				
	Others if any:	Not applicable				
	Dry waste:	Boiler Ash: Landfill / brick manufacturer, Empty Containers (MS/Fibre Drums/Glass Bottles etc.): After decontamination Sold to scrap dealers, Empty Containers HDPE Drums: After decontamination Sold to scrap dealers., HDPE bags.: After decontamination Sold to scrap dealers, paper waste: Sold to scrap dealers				
	Wet waste:					
Mode of Disposal of waste:	Hazardous waste:	Chemical sludge: For landfill to approved CHWTSDF site, Spent Carbon: For landfill to approved CHWTSDF site				
	Biomedical waste (If applicable):	Not applicable				
	STP Sludge (Dry sludge):	Not applicable				
	Others if any:	Not applicable				
	Location(s):	As per requirement				
Area requirement:	Area for the storage of waste & other material:	As per requirememt				
	Area for machinery:					



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Budgetary allocation (Capital cost: Details will be given in EIA report

O&M cost: Details will be given in EIA report

37.Effluent Charecterestics

Serial Number	Parameters	Unit	Inlet Effluent Charecterestics	Outlet Effluent Charecterestics	Effluent discharge standards (MPCB)
1	рН			6-9	6-9
2	Total Suspended Solids	mg/L	130	100	100
3	Bio-Chemical Oxygen Demand (B.O.D)3 days	mg/L	NA	100	100
4	Chemical Oxygen Demand (C.O.D)	mg/L	800-1200	250	250
5	Chlorides	mg/L	600-900	1000	1000
6	Sulphates	mg/L	85 to 100	1000	1000
7	Oil & Grease	mg/L	<10	10	10
8	Phosphates asPO4	mg/L	20 to 50	Not Specified	Not Specified
9	Copper as Cu	mg/L	10 to 12	3	3
10	Tin	mg/L	2 to 5	Not Specified	Not Specified
11	Cadmium	mg/L	Traces	Not Specified	Not Specified
12	Silver	mg/L	Traces	Not Specified	Not Specified
13	Aluminum	mg/L	1 to 5	Not Specified	Not Specified
14	Chromium	mg/L	50 to 130	2	2
15	Cyanide	mg/L	5 to 10	Not Specified	Not Specified
16	Iron	mg/L	40 to 50	3	3
17	Zinc	mg/L	70 to 100	15	15
18	Nickel	mg/L	15 to 20	Not Specified	Not Specified
19	Total Dissolved Solids (TDS)	mg/L	2200 to 2500	2100	2100
Amount of	offluent generation				

Amount of effluent generation (CMD):

500

Capacity of the ETP:

500 cmd

Amount of treated effluent

partly recycle

recycled:

partif roof oro

Amount of water send to the CETP: Membership of CETP (if require): Not applicable.

Not applicable. Proposed project is establishment of CETP.

Note on ETP technology to be used

pH correction > Chromium & Cyanide treatment > Neutralization > Common equalization > Flocculator > Primary clarifier > Pressure Sand filter > Activated carbon filter > UF system > RO system > MEE system > ATFD system

Disposal of the ETP sludge

To CHWTSDF

38. Hazardous Waste Details

Serial Number	Description	Cat	UOM	Existing	Proposed	Total	Method of Disposal
1	Chemical sludge from wastewater treatment	35.3	TPA	0	365	365	For Landfill to CHWTSDF
2	Spent carbon	36.2	TPA	0	5	5	For Landfill to CHWTSDF

39.Stacks emission Details



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Serial Number	Section	& units	F		ed with ntity	Stacl	ς No.	Height from ground level (m)	Inter diam (m	eter	Temp. of Exhaust Gases				
1		I Rriguiotto		oiler of 1500 barg steam)		Rm/		Briquette ~ 6 T/day		1		as per norms	as per norms		as per norms
2	DG set	100 KVA	HSI) ~ 22	Litres / hr	2	2	as per norms	as p nor		as per norms				
			4	0.De	tails of F	uel	to b	e used							
Serial Number	Туг	e of Fuel			Existing			Proposed			Total				
1	В	riquette			0			6 TPD			6 TPD				
2		HSD			0			22 Litres / hı	ſ		22 Litres / hr				
41.Source	of Fuel			From	nearby sour	ce					AU				
42.Mode of	Transportat	ion of fuel to	site	By ro	ad					A					
		Total RG a	rea :		As per MID	s per MIDC norms									
		No of tree:	s to b	be cut Not applicable											
43.Gree		Number of be planted		I Ac nor groon half area											
Develop	ment	List of pro native tree													
		Timeline f completion plantation	n of	As per project implementation planning											
	44.Nu	mber and	l list	of t	rees spe	cies	to b	e plante	d in t	he g	jround				
Serial Number	Name of	the plant	Co	ommo	n Name		Qua	ntity	Cha		eristics & ecological importance				
1		-	4	< >-	<u> </u>										
45	.Total qua	ntity of plar	its on	grou	nd										
46.Nun	nber and	list of sl	ırub	s an	d bushes	spe	cies	to be pla	anted	l in	the podium RG:				
Serial Number		Name			C/C Dista	nce				Area	ı m2				
1	_									_	-				
					47.Eı	nerg	Jy								

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		Source of supply:	power	from MSED	CL				
		During Co Phase: (Do Load)	nstruction emand	200 KVA					
		DG set as back-up d constructi	uring	DG set: 100	KVA				
Power requirement:		During Opphase (Coload):		200 KVA					
		During Opphase (De load):		200 KVA					
		Transform	ier:	Not applica	ble				A ()
		DG set as back-up d operation	uring	DG set: 100	KVA				
		Fuel used	;	HSD ~ 22 L	itres /	hr			
		Details of tension lin through thany:	ne passing	Not applica	ble		9		
		48.Enc	ergy savi	ng by no	n-co	nvention	al m	etho	d:
Details will	be given in	EIA report							
		4	9.Detail	calculati	ons	& % of sa	aving	J:	
Serial Number	Е	nergy Cons	servation M	easures				Sa	ving %
1									
		50	.Details	of polluti	ion c	ontrol S	yster	ns	
Source	Ex	isting pollı	ition contro	ol system Proposed to be installed					to be installed
Air pollution		Not	applicable	Adequate stack height			e stack height		
Water pollution		Not	applicable	ETP, UF system, RO system, MEE system, ATFD system				· · · · · · · · · · · · · · · · · · ·	
Hazardous waste generation	7	Not	applicable	disposal to CHWTSDF					to CHWTSDF
	allocation	Capital co	st:	Details will	be giv	en in EIA re	port		
	cost and cost):	O & M cos	st:	Details will	be giv	en in EIA re	port.		
51	.Envir	onmen	tal Mar	nageme	nt 1	olan Bu	ıdge	etai	y Allocation
				ction pha		•			-
Serial Number	Attri	butes		meter	,				num (Rs. In Lacs)
1		be given in eport		be given in report		Deta	ils will	be giv	ven in EIA report
		b) Operat	ion Phas	e (w	ith Breal	k-up)	:	
Serial Number	Comp	onent	Descr	ription	Сар	ital cost Rs Lacs	. In	Ope	rational and Maintenance cost (Rs. in Lacs/yr)
asp	Signature: Name: Dr. Umakant Gangarao Dancai								

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Details will be given in EIA report

51.Storage of chemicals (inflamable/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
NA	NA	NA	NA	NA	NA	NA	NA

52.Any Other Information

No Information Available	
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53.Traffic	Management
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		3
	Nos. of the junction to the main road & design of confluence:	Not applicable
	Number and area of basement:	Not applicable
	Number and area of podia:	Not applicable
	Total Parking area:	As per MIDC norms
	Area per car:	Not applicable
	Area per car:	Not applicable
Parking details:	Number of 2- Wheelers as approved by competent authority:	Not applicable
	Number of 4- Wheelers as approved by competent authority:	Not applicable
	Public Transport:	Not applicable
	Width of all Internal roads (m):	Min 6 m
GY	CRZ/ RRZ clearance obtain, if any:	Not applicable
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	Not applicable
	Category as per schedule of EIA Notification sheet	7 (h)
	Court cases pending if any	Not applicable

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	Other Relevant Informations	Proposed project is establishment of Common effluent treatment plant within MIDC area. The total capacity of CETP is 500 cmd.		
	Have you previously submitted Application online on MOEF Website.	Yes		
	Date of online submission	04-07-2017		
SEAC	DISCUSSION	ON ENVIRONMENTAL ASPECTS		
Environmental Impacts of the project	the report. PP has cond	PP submitted EIA report to the committee. Various aspects of the Environment are discussed in the report. PP has conducted base line data collection for Air, Water, Soil & Noise parameters as per EIA Notification, 2006 amended from time to time. PP proposes ZLD for effluent treatmentable		
Water Budget		PP submitted water budget calculations in the EIA report and also indicated water requirement at Sr. No 33 of the Consolidated Statement.		
Waste Water Treatment	Project it self is a CETP	Project it self is a CETP project.		
Drainage pattern of the project	Not Applicable			
Ground water parameters	Not Applicable			
Solid Waste Management	Hazardous waste will be disposed off on CHWTSDF and non hazardous waste will be disposed off as per prevailing rules.			
Air Quality & Noise Level issues	As per data submitted by PP, Air Quality and Noise parameters are within the prescribed limits at project site.			
Energy Management	The electrical demand for proposed project is 200 KVA, which will be supplied by MSEDCL. PP also proposes to have 100 KVA DG set with HSD as a fuel.			
Traffic circulation system and risk assessment	PP proposes to provide parking area as per MIDC norms.			
Landscape Plan	PP proposes to provide	33% green blet on site.		
Disaster management system and risk assessment	PP submitted disaster management plan along with mitigation measures.			
Socioeconomic impact assessment	PP has carried out socio economic impact study and included in the EIA report.			
Environmental Management Plan	PP provided details of EMP and its cost in the EIA report.			
Any other issues related to environmental sustainability	Not Applicable			
	Brief informa	tion of the project by SEAC		

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PP submitted their application for the grant of TOR under category 7(h)B1 as per EIA Notification, 2006. PP presented draft TOR based on standard TOR issued by MoEF & CC published in April, 2015.

As the proposed project is located in the notified industrial area/estate (MIDC), Public Hearing is exempted under the provisions as per para 7 III Stage (3) (b) of the EIA Notification, 2006.

The proposal was considered in 142nd meeting of SEAC-1 held on 13.09.2017

Based on the presentation made by PP; committee decided to approve the TOR for the preparation of EIA/EMP report as per standard TOR and additional TOR points mentioned below.

- 1. PP to submit registration documents of CETP foundation.
- 2. PP to submit copy of DPR approved by NEERI on the web site.
- 3. PP to submit layout plan shoeing internal roads, location of pollution control equipment, parking areas, 33% green belt, rain water harvesting etc.
- 4. PP proposes the transport of raw effleunt by tankers as the industries are small scale and the topography is difficult. PP to submit a justification from MIDC/Competent Authority as to why pipe line for transport of raw effluent from industry to the CETP is not possible.
- 5. PP to include plan for ultimate dispsoal of sludge containing heavy metals.
- 6. PP to submit their plan for dispsoal of treated effluent in the EIA/EMP report.
- 7. PP to provide 100% energy back up to the CETP as it is an emergency facility.
- 8. PP to explore possibility to recover heavy metals like chromium, cyanide, silver, zinc etc.

Now PP submitted EIA/EMP reprot.

DECISION OF SEAC

After detailed deliberations with the PP and their accridited consultant, SEAC decided to recommend the proposal to the SEIAA for prior Environment Clearance.

Specific Conditions by SEAC:

- 1) PP to prepare an SOP for receiving uniform quality of effluent from all the member industries as per parameters stipulated in the consents.
- 2) PP to ensure no leakage of effluent carrying vehicles and include the plan to mitigate any unforeseen incident of leakages in the Disaster Management Plan.
- **3)** PP to provide color-coding to the vehicles collecting effluent from member industries as per various qualities of the effluent with respect to the heavy metals.
- **4)** PP to submit an affidavit for not discharging any waste (solid or liquid) outside the premises of CETP. It will be a complete ZLD plant

FINAL RECOMMENDATION

SEAC-I have decided to recommend the proposal to SEIAA for Prior Environmental clearance subject to above conditions

Abhay Pimparkar (Secretary SEAC-I)

SEAC Meeting No: 153rd (Day-2) Meeting Date: July 1, 2018 Page 10 of 66 Signature:
Name: Dr. Umakant Gangetreo Dangat

Dr. Umakant Dangat

(Chairman SEAC-I)

153rd Meeting of State Level Expert Appraisal Committee (SEAC-1)

SEAC Meeting number: 153rd (Day-2) Meeting Date July 1, 2018

Subject: Environment Clearance for Chemical Maufacturing Plant- DMSS INFRA (INDIA) PRIVATE LIMITED

Is a Violation Case: No

is a violation case: No					
1.Name of Project	DMSS INFRA (INDIA) PRIVATE LIMITED				
2.Type of institution	Private				
3.Name of Project Proponent	Mr. Jayesh Ashok Jakhete, Mr. Jagadish Hari Pardeshi and Mr. Nilesh Subhash Upasani				
4.Name of Consultant	Jltra-Tech				
5.Type of project	Industrial Project				
6.New project/expansion in existing project/modernization/diversification in existing project					
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	NA				
8.Location of the project	Plot No. FS- 36				
9.Taluka	Mahad				
10.Village	Birwadi				
Correspondence Name:	301,3rd Floor, Kapil TowerA, Near old RTO office, Pune				
Room Number:	NA				
Floor:	3rd				
Building Name:	Kapil Tower A				
Road/Street Name:	_				
Locality:	Indian				
City:	Pune				
11.Area of the project	Project located at Mahad MIDC				
	NA				
12.IOD/IOA/Concession/Plan Approval Number	IOD/IOA/Concession/Plan Approval Number: NA				
ripprovid rumbor	Approved Built-up Area:				
13.Note on the initiated work (If applicable)	No				
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	NA				
15.Total Plot Area (sq. m.)	8000				
16.Deductions	NA				
17.Net Plot area	8000				
10 () D ID A (FOY 6	a) FSI area (sq. m.):				
18 (a).Proposed Built-up Area (FSI & Non-FSI)	b) Non FSI area (sq. m.):				
	c) Total BUA area (sq. m.):				
	Approved FSI area (sq. m.):				
18 (b).Approved Built up area as per DCR	Approved Non FSI area (sq. m.):				
	Date of Approval:				
19.Total ground coverage (m2)	0				
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	0				
21.Estimated cost of the project	747.53				
22 N	har of huildings & its configuration				

22. Number of buildings & its configuration

Serial number Building Name & number Number of floors Height of the building (Mtrs)

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Dr. Umakant Dangat

(Chairman SEAC-I)

N	lot applicable	Not applicable	Not applicable
of d shops	NA		
of esidents /	50		
density e	Not applicable		
of the			
f way he road earest fire the ouilding(s)	9m		
radius cess of from all building the width ntation	9-12m		
s) if any	NA		
of the with f	NA	000	
	density of the f way he road earest fire he uilding(s) radius cess of from all building he width ntation f s) if any of the with f	density of the f way he road earest fire he uilding(s) radius cess of from all building the width ntation NA NA NA	r of d shops r of esidents / 50 density of the f way he road earest fire the uilding(s) r radius cess of from all building the width intation s) if any of the NA NA NA NA NA

31.Production Details

Serial Number	Product	Existing (MT/M)	Proposed (MT/M)	Total (MT/M)
1	Gluconate-1) Zinc Gluconate	0	150	150
2	Gluconate-2) Ferrous Gluconate	0	160	160
3	Gluconate-3) Magnesium Gluconate	0	100	100
4	Gluconate- 4)Calcium Lactate Gluconate	0	650	650
5	Lactates- 5) Calcium Lactate	0	70	70
6	Lactates-6) Magnesium Lactate EP grade	0	100	100
7	Lactates-7) Zinc Lactate	0	250	250
8	Orotates- 8) Calcium Orotate	0	100	100
9	Orotates- 9) Magnesium Orotate	0	150	150
10	Ascorbates-10) Calcium Ascorbate (Req ATFD)	0	160	160
11	11) Zinc Ascorbate	0	200	200



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12	12) Iron	Sucrose)	36	36
13		Polymatose 0			160	160
14		lcium Citrate 0			120	120
15	15) Calcium Acetate 0			200	200	
16	16) I	Feric osphate)	200	200
17	17) Ferri	C Carboxy tose	()	5.5	5.5
18		nc PCA	()	240	240
19		igin PP paraben)	()	900	900
20		igin MP araben)	()	900	900
		3	2.Tota	l Wate	r Requiremen	nt
		Source of	water	MIDC Maha	ade	
		Fresh water	er (CMD):	45.5		
		Recycled w Flushing (29.5 reused	l for Process & utility	
		Recycled w Gardening	vater -			
		Swimming make up (NA		
Dry season	ı:	Total Wate Requireme			100	
		Fire fighting Undergrowtank(CMD)	nd water			
		Fire fighting - Overhead water tank(CMD):		100		
			ated water	NA		
		Source of	water	MIDC Mahade		
		Fresh wate	er (CMD):	45.5		
		Recycled w Flushing (29.5 reused for Process & utility		
		Recycled w Gardening		0		
	6		pool Cum):	NA		
Wet season:		Total Wate Requireme		75		
		Fire fightin Undergroutank(CMD)	nd water	100		
		Fire fighting Overhead vank(CMD)	water	100		
			ated water	NA		



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Details of Swimming NA pool (If any) 33.Details of Total water consumed **Particula Consumption (CMD)** Loss (CMD) Effluent (CMD) Water Require **Existing** Total Existing **Proposed** Total Existing **Proposed Total Proposed** ment Domestic 8 8 0 0 0 2 Industrial 0 0 0 26.5 26.5 11.5 11.5 12 12 Process Gardening 0 10 10 0 0 0 0 0 0 Industrial 0 30.5 Lab & utility 30.5 0 5 5 0 10.5 10.5 Process **Level of the Ground** 10-15 m water table: Size and no of RWH tank(s) and 50 cum **Quantity:** Location of the RWH tank(s): 34.Rain Water Quantity of recharge NA pits: **Harvesting** (RWH) Size of recharge pits NA **Budgetary allocation** Rs. 10.00 Lakhs (Capital cost): **Budgetary allocation** Rs. 3.00 Lakhs /Annum (O & M cost): **Details of UGT tanks** 5 cum if any: Natural water Towards SW drainage pattern: 35.Storm water **Quantity of storm** 100 m3/hr. max. drainage water: Size of SWD: 600 mm Sewage generation in KLD: STP technology: NA Capacity of STP NA (CMD): **Sewage and** Location & area of Waste water NA the STP: **Budgetary allocation** NA (Capital cost): **Budgetary allocation** NA (0 & M cost):



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(Chairman SEAC-I)

		r	De Cali	d wasta Mana	comont		
		1		d waste Mana	gement		
Waste gen the Pre Co and Constr phase:	nstruction	Waste generation: Disposal of the construction waste debris:		NA NA			
		Dry waste:		16 kg/day			
		Wet waste	•	8 kg/day			
Waste ge	eneration	Hazardous	waste:	Coal Ash-75 kg/d, DRUN RECYCLERS AND RESE	MS, HDPE BAGS, LDPE ELLERS - 100 Nos. day	BAGS SALE TO	
in the op Phase:	eration	Biomedica applicable	l waste (If):	NA			
		STP Sludg sludge):	e (Dry	NA		.0	
		Others if a	ny:	NA			
		Dry waste:		Handed over to Authori	zed recycler		
		Wet waste	•	composting		7	
		Hazardous waste:		Disposal at CHWTSDF			
Mode of Disposal of waste:	Biomedical waste (If applicable):		NA				
		STP Sludge (Dry sludge):		used as mannure			
		Others if a	ny:	NA			
		Location(s	;):	NA			
Area requirem	ent:	Area for the of waste & material:		NA			
		Area for m	achinery:	NA			
	allocation	Capital co	st:	NA			
(Capital co O&M cost)		O & M cos	t:	NA			
			37.Ef	fluent Charecter	estics		
Serial Number	Paran	neters	Unit	Inlet Effluent Charecterestics	Outlet Effluent Charecterestics	Effluent discharge standards (MPCB)	
1	р	Н	-	6-8	6-8	5.5-9	
2	CC	OD	mg/l	2500	250	250	
3	BOD		mg/l	500	100	100	
4	TSS		mg/l	250	100	100	
5	TI	OS	mg/l	5000	2000	2000	
6	oil & g	grease	mg/l	10	5	5	
Amount of effluent generation CMD): 24.5							

agranting Abhay Pimparkar (Secretary SEAC-I)

recycled:

Capacity of the ETP:

Amount of treated effluent

Amount of water send to the CETP: Membership of CETP (if require):

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29.5

applied

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Effluent is collected in the collection tank (RCC Brick line underground tank). The collected effluent is then sent for Neutralisation tank, where pH is maintained of the effluent. Neutralisation is done with Hydrated Lime under constant stirring. The Note on ETP technology to be used neutral water is then clarified in Primary Clarifier. The sludge is the sent to sludge bed where it is dried and Gypsum is formed. The gypsum is sold as by-product or is disposed off to CHWTSDF. Filtrate from Primary Clarifier is sent for Biologica Disposal of the ETP sludge Sent to CHW-TSDF 38. Hazardous Waste Details Serial **UOM** Total **Description** Cat **Existing** Proposed **Method of Disposal** Number 34.3 Chemical sludge 0.3 0.3 1 ETP sludge from NA 0 Sent to CHW-TSDF MT/day MT/day waste water treatment 39.Stacks emission Details Height Internal Serial **Fuel Used with** Temp. of Exhaust from **Section & units** Stack No. diameter ground Number Quantity **Gases** (m) level (m) Stack attached to 30 1 coal 1 1.2 190 Boiler 40.Details of Fuel to be used Serial **Proposed Total Type of Fuel Existing** Number coal NA coal coal Authorized vendor 41. Source of Fuel 42. Mode of Transportation of fuel to site by road Total RG area: 2640 No of trees to be cut NA Number of trees to 400 43.Green Belt be planted: **Development** List of proposed all native trees native trees: Timeline for completion of 2 years plantation: 44. Number and list of trees species to be planted in the ground Serial Characteristics & ecological Name of the plant **Common Name** Quantity Number importance Large tree, good for roadside 1 Azadirachtaindica Neem 20 plantation Shady, large tree, ball shaped 2 Anthocephaluskadamba Kadamba 40 flowers.

Abhay Pimparkar (Secretary SEAC-I)

Alstonia scholars

3

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Saptaparni

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30

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Dr. Umakant Dangat

(Chairman SEAC-I)

Shady, large evergreen Tree, white

fragrant flowers

Serial	Namo	C/C Dieta		Aron m?
46.Nun	nber and list of sh	rubs and bushes	species to be	e planted in the podium RG:
45.Total quantity of plants on ground				
15	Calistemonlanceolatus	Bottle Brush	35	flowering plant
14	Gardenia jasminoides	Ananta	25	flowering plant
13	Sesamum indicum	Seasam	25	flowering plant
12	Delonixregia	GUlmohor	20	flowering plant
11	Tectona grandis	Teak	45	tropical hardwood tree species placed in the flowering plant family Lamiaceae
10	Saracaasoca Delonixregia	Sita Ashok	20	Shady tree with red-yellow flowers
9	Bauhineablackeana	Apta / Kanchan	20	Small tree with small white flowers, Butterfly host plant
8	Pongamiapinnata	Karanj	25	Shady tree.
7	Mimusopselengi	Bakul	30	Shady tree, small white fragrant flowers
6	Micheliachampaca	Champa	25	Medium sized evergreen tree, fragrant yellow flowers, Butterfly host plant
5	Mesuaferra	Nagchampa	20	It known for its fragrant flowers
4	Cassia fistula	Bahava	20	Medium sized deciduous tree. Beautiful yellow flowers, Butterfly host plant

Serial Number	Name	C/C Distance	Area m2
1	NA	NA	NA

47 Energy

	47.Energy			
Power requirement:	Source of power supply:	MSEDCL		
	During Construction Phase: (Demand Load)			
	DG set as Power back-up during construction phase	50 KVA		
	During Operation phase (Connected load):	1142400 KWH		
	During Operation phase (Demand load):	50 KVA		
*	Transformer:	1 No.		
	DG set as Power back-up during operation phase:	350 KVA		
	Fuel used:	Diesel		
	Details of high tension line passing through the plot if	NA		

48.Energy saving by non-conventional method:

appropriately Abhay Pimparkar (Secretary SEAC-I)

any:

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	4	9.Detail	calculati	ons & % of s	aving:		
Е	nergy Cons	ervation M	easures	Saving %			
		NA			NA		
	50	.Details	of polluti	ion control S	Systems		
Ex	isting pollu	ition contro	ol system		Proposed to be installed		
		-			proposed 30 KLD		
		-			proposed for boiler & DG		
allocation	Capital co	st:	NA				
cost and	O & M cos	t:	NA				
.Envir	nmen	tal Maı	nageme	nt plan Bı	udgetary Allocation		
	a)	Constru	ction pha	se (with Bre	ak-up):		
Attri	outes	Para	meter	Total Cost per annum (Rs. In Lacs)			
A	ir	Suppress	sion Air &	1.44			
Wa	ter	Construc	tion Water				
La	nd	Site Sa	nitation-	4.00			
Biolo	gical				3.00		
		Children Personal		×	5.00		
	b) Operat	ion Phas	e (with Brea	k-up):		
Comp	onent	Desci	ription	Capital cost Rs Lacs	s. In Operational and Maintenand cost (Rs. in Lacs/yr)		
Emission	n control	St	ack	15.00	10.00		
		Е	ТР	50.00	5.00		
Solid	Waste			5.00	2.00		
00114	Waste	 Green Belt					
	allocation cost and cost): .Enviro Attril A Biolo Socio- E Enviro Comp Emission Water & W manag	Energy Cons Socio-Economic Environment Socio-Economic Environment Socio-Emission control Socio-Emission control Water & Wastewater management Socio-Emission control Water & Wastewater management Socio-Emission control Socio-Emi	NA SOLDETAILS	Socio-Economic Environment Stack S	Socio- Economic Environment Soci		

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



Monitoring

Contingency

5

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MOEF&CC

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1.00

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		
GDL	Solid			60.00	60.00	72.00	Local	by road		
Zink Oxide	Solid			5.00	5.00	6.00	Local	by road		
Ferric Oxide	Solid			5.00	5.00	6.00	Local	by road		
Magnesium Oxide	Solid			5.00	5.00	6.00	Local	by road		
Lactic acid	Soild			10.00	10.00	12.00	Local	by road		
Calcium Oxide	Solid			5.00	5.00	6.00	Local	by road		
Orotic Acid	Solid			10.00	10.00	12.00	Imported	-		
AscorbicAcid	Solid			5.00	5.00	6.00	Local	by road		
FerricChloride	Solid			2.00	2.00	2.4	Local	by road		
Sucrose	Solid			5.00	5.00	6.00	Local	by road		
NaoH	Liquid			5.00	5.00	6.00	Local	by road		
Maltodextrin	Solid			5.00	5.00	6.00	Local	by road		
CitricAcid	Solid			5.00	5.00	6.00	Local	by road		
AceticAcid	Solid			5.00	5.00	6.00	Local	by road		
HydrobenzoicAcid	Solid			5.00	5.00	6.00	Imported			
Propanol	Solid			5.00	5.00	6.00	Local	by road		
Methanol	Solid									
No Information Available 53. Nos. of the junction to the main road & design of confluence:				c Manag	gement					
	basemei		NA							
	podia:	Number and area of podia: Total Parking area:		NA 960						
	Area per	Area per car:		12.00m						
	Area pei	car:	12.00m							
Parking details:	Number Wheeler approve	Number of 2- Wheelers as approved by competent								
	Number Wheeler approve	Number of 4- Wheelers as approved by competent								
	Public T	ransport:								
		Width of all Internal roads (m):								



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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) BCat.
Court cases pending if any	No
Other Relevant Informations	NA
Have you previously submitted Application online on MOEF Website.	No
Date of online submission	-

TOR Suggested Changes

Ton Suggested Changes							
Consolidated Statement Point Number	Original Remarks	Submitted Changes					
36-Sewage and waste water	Sewage generation in KLD: 1	Sewage generation in KLD: 2					
31.Production Details	12.Iron Sucrose (Existing-0, Proposed 36MT/M, Total 36MT/M)	Cancel from Production List					
31.Production Details	13. Iron Polymatose (Existing-0, Proposed 160MT/M, Total 160MT/M)	Cancel from Production List					
31. Prodution Details	15. Calcium Acetate (Existing-0, Proposed 200MT/M, Total 200MT/M)	Cancel from Production List					
31. Prodution Details	16. Feric Pyrophosphate (Existing-0, Proposed 200MT/M, Total 200MT/M)	Cancel from Production List					
31. Prodution Details	17. Ferric Carboxy Maltose(Existing-0, Proposed 5.5MT/M, Total 5.5MT/M)	Cancel from Production List					
31. Prodution Details	18. Zinc PCA (Existing-0, Proposed 240MT/M, Total 240MT/M)	Cancel from Production List					
33. Details of Total water consumption	"Water Requirment -Domestic Proposed loss=0, Total Loss =0, Proposed Effluent =6, Total effluent = 2"	"Water Requirment -Domestic Proposed loss=6, Total Loss =6, Proposed Effluent =2, Total effluent = 2"					
33. Details of Total water consumption	Industrial Process: Proposed Loss 11.5, Total Loss = 11.5	Industrial Process: Proposed Loss 3, Total Loss = 3					
33. Details of Total water consumption	Gardening : Proposed =0, Total =0	Gardening : Proposed =10, Total =10					
36. Sewage and waste water	Sewage generation in KLD =1	Sewage generation in KLD =2					
37. Solid Waste Management	wet waste: 8 kg/d	wet waste: 7 kg/d					



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		TAT1				
37. Solid Waste Management	Waste generation in the operation phase Hazardous waste:Coal Ash: 75kg/d, Drums, HDPE Bags, LDPE Bags sale to recyclers and recellers =100 Nos. day	Waste generation in the operation phase Hazardous waste: Drums, HDPE Bags, LDPE Bags sale to recyclers and recellers =100 Nos. /day, ETP Sludge=0.3 T/day, Oil & Grease =0.25 kg/day				
37. Solid Waste Management	Mode of Disposal of waste: Hazardous waste: Disposal at CHWTSDF	Mode of Disposal of waste: Hazardous waste: Disposal at CHWTSDF & handed over to Recyclers & Resellers				
38. Effluent Characteristics	Amount of water send to the CETP=	Amount of water send to the CETP= 24.5 m3/day				
39. Hazardous waste details	1) ETP Sludge- Proposed 0.3 MT/d, Total 0.3 MT/d, Methos of disposal- sent to CHWTSDF	1) ETP Sludge- Existing =0 Proposed 0.3 MT/d, Total 0.3 MT/d-Methos of disposal- sent to CHWTSDF 2) Drum, HDPE bags, LDPE Bags - Existing =0, Proposed 100 Nos.Total 100 Nos Methos of disposal- sent to CHWTSDF 3) Oil & Grease waste- Existing=0, Proposed 0.25 kg/d, Total 0.25 kg/d - Methos of disposal- sent to CHWTSDF				
40. Stacks Emission details	Fuel used with Quantity= coal	Fuel used with Quantity= coal = 540 kg/d/ briquettes=600 kg/d				
41.Details of Fuel to be used	Type of fuel= coal, Existing =NA, Proposed =coal, Total=coal	Type of fuel= coal briquettes, Existing =NA, Proposed =coal/briquettes, Total=coal/briquettes				
48. Energy	During Operation phase (Connected load)=1142400 KWH	During Operation phase (Connected load)=540 HP				
48. Energy	During Operation phase (Demand load)=50 KVA	During Operation phase (Demand load)=400 KVA				
48. Energy	DG set as per Power back up during operation phase = 350 KVA	DG set as per Power back up during operation phase = 250 KVA				
52. Storage of chemicals	Calcium Oxide- storage capacity in MT= 5	Calcium Oxide- storage capacity in MT= 10				
52. Storage of chemicals	Ferric Chloride	Cancel from Production List				
52. Storage of chemicals	Sucrose	Cancel from Production List				
52. Storage of chemicals	Propanol -storage capacity in MT = 5	N- Propanol -storage capacity in MT = 20				
52. Storage of chemicals	Methanol-storage capacity in MT =	Methanol-storage capacity in MT = 5				
54. Traffic Management	Area per car: 12 m Area per car: 30 m					
SEAC	DISCUSSION ON ENVIRON	NMENTAL ASPECTS				
Environmental Impacts of the project	PP submitted EIA report to the committee. Various aspects of the Environment are discussed in the report. PP has conducted base line data collection for Air, Water, Soil & Noise parameters as per EIA Notification, 2006 amended from time to time. PP proposes ZLD for effluent treatment if they do not get permission from CETP. As per data submitted by the PP in the EIA report environmental parameters are found within the prescribed limits on site.					
Water Budget	PP submitted water budget calculations in the E at Sr. No 33 of the Consolidated Statement.	IA report and also indicated water requirement				
Waste Water Treatment	PP proposes Effluent Treatment Plant for the tre	eatment of effluent.				
Drainage pattern of the project	Not Applicable					



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Ground water parameters	As per data submitted by PP, ground water parameters are within the prescribed limits at project site. PP to obtain permission from CGWA of they uses ground water as per Public Notice issued by Ministry of Water Resources on 29.06.2018.					
Solid Waste Management	PP proposes disposal of waste material at CHWTSDF and sale to authorized vendor.					
Air Quality & Noise Level issues	As per data submitted by PP, Air Quality and Noise parameters are within the prescribed limits at project site.					
Energy Management	The electrical demand for proposed project is 50 KVA, which will be supplied by MSEDCL. PP also proposes to have 350 KVA DG set with HSD as a fuel.					
Traffic circulation system and risk assessment	PP proposes to provide 960.00 Sq.m. area for parking along with 6 meter wide roads with 9 meter turning radius.					
Landscape Plan	PP proposes to provide 33% green belt.					
Disaster management system and risk assessment	.PP carried out HAZP/Risk Assessment and proposes adequate steps to handle an emergency.					
Socioeconomic impact assessment	PP has carried out socio economic impact study and included in the EIA report.					
Environmental Management Plan	PP prepared EMP cost of Rs.19.92 Lakh during construction phase and 78.00 Lakh as capital cost and Rs. 22.00 Lakh as O & M cost to maintain environmental parameters.					
Any other issues related to environmental sustainability	Not Applicable at this stage.					
	Brief information of the project by SEAC					

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PP submitted their application for the grant of TOR under category 5(f)B1 as per EIA Notification, 2006. PP presented draft TOR based on standard TOR issued by MoEF & CC published in April, 2015.

As the industry is located in the notified industrial area/estate (MIDC), Public Hearing is exempted under the provisions as per para 7 III Stage (3) (b) of the EIA Notification, 2006.

Based on the presentation made by PP; committee decided to approve the TOR in 145th meeting of SEAC held on 30.12.2017 for the preparation of EIA/EMP report as per standard TOR issued by MoEF & CC published in April, 2015 and additional TOR points mentioned below.

- 1. PP to submit certificate of incorporation of the company, list of directors and memorandum of articles.
- 2. PP to submit lay out plan showing entry/exit gates, internal road width of six meters, turning radius of nine meters, location of pollution control equipment, parking areas, waste storage areas, 33% green belt, rain water harvesting etc.
- 3. PP to include detailed material balance charts for each product showing consumption of raw material, sources of pollution and mitigation measures to control the pollution and justified use of resources along with quantities in the EIA report.
- 4. PP to carry out HAZOP and QRA and submit report.
- 5. PP to carry out life cycle analysis of the activities carried out on site with respect to the sustainability index, green house and ozone depletion potential etc.
- 6. PP to submit hazardous chemical handling protocol.
- 7. PP to provide lightening arrestor.
- 8. PP to submit CETP membership certificate.
- 9. No coal shall be used for any purpose in proposed project.
- 10. PP to include detailed water balance calculation in the EIA report.
- 11. PP to submit design details of proposed Effluent Treatment Plant.
- 12. PP to submit documents with respect to the notified industrial area of the proposed location. If proposed site is not within notified industrial area PP to conduct Public Hearing as per EIA Notification, 2006.

Now PP submitted EIA/EMP reprot for appraisal.

The proposal was considered in the 150th meeting of SEAC held on 04.05.2018 where in the proposal was deferred till submission of following points,

- 1. PP to submit an undertaking for not having any ecosensitive area within 5 km radius of the proposed project.
- 2. PP to ensure to use only briquettes for the boiler.
- 3. PP to submit Disaster Management Plan.
- 4. PP to submit revised design of ETP to meet the parameters of ETP out let as per standards prescribed by MPCB and CETP.
- 5. PP to submit copy of membership of CETP and permission to discharge treated effluent to the CETP.
- 6. PP to submit revised list of trees to be planted in the proposed project.
- 7. PP to submit methodology adopted for socio economic impact of the proposed project.
- 8. PP to submit Form 2 along with EIA/EMP report as per OM issued by MoEF&CC on 20.04.2018.
- 9. PP to submit their plan to utilize CER (Corporate Environment Responsibility) along with timelines as per OM issued by MoEF&CC dated 01.05.2018.



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Dr. Umakant Dangat
(Chairman SEAC-I)

DECISION OF SEAC

After deliberations with the PP and his accredited consultant, SEAC decided to recommend the proposal to the SEIAA for prior Environment Clearance.

Specific Conditions by SEAC:

- 1) PP to use coal having ash content less the 10% only if briquette are not available.
- 2) PP shall not take any effective steps of manufacturing unless obtains permission from CETP or make arrangement for

FINAL RECOMMENDATION

A PARTICIPATION OF THE PROPERTY OF THE PROPERT SEAC-I have decided to recommend the proposal to SEIAA for Prior Environmental clearance subject to above conditions

appropries? Abhay Pimparkar (Secretary SEAC-I)

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153rd Meeting of State Level Expert Appraisal Committee (SEAC-1)

SEAC Meeting number: 153rd (Day-2) Meeting Date July 1, 2018

Subject: Environment Clearance for Expansion of grain based distillery from 30 KLPD to 58 KLPD (expansion by 28 KLPD.)

Is a Violation Case: No

M/s. Viraj Alcohols & Allied Industries Ltd.,				
Private				
Yuvraj B. Gaikwad (General Manager)				
Equinox Environments (India) Pvt. Ltd				
NA				
Expansion of grain based distillery from 30 KLPD to 58 KLPD (expansion by 28 KLPD.)				
Yes, Environmental Clearance granted by MoEF Dated 25 September, 2006				
Gat No. 511				
Shirala				
Kapari				
M/s. Viraj Alcohols & Allied Industries Ltd.,				
-				
-				
A/pKapari				
Tal.: Shirala				
Sangli				
NA				
NA N				
IOD/IOA/Concession/Plan Approval Number: NA Approved Built-up Area: 13088.77				
44515.9				
NA				
44515.9 Sq. M.				
a) FSI area (sq. m.): Not applicable				
b) Non FSI area (sq. m.): Not applicable				
c) Total BUA area (sq. m.):				
Approved FSI area (sq. m.):				
Approved Non FSI area (sq. m.):				
Date of Approval:				
Not applicable				
Not applicable				
120600000				

22. Number of buildings & its configuration

appropriately Abhay Pimparkar (Secretary SEAC-I)

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Serial number	Buildin	g Name & number	Number of floors	Height of the building (Mtrs)			
1	N	Vot applicable	Not applicable	Not applicable			
23.Number tenants an	- 0-	NA					
24.Number of expected residents / NA users							
25.Tenant per hectar		NA					
26.Height building(s)							
27.Right of (Width of the from the notation to the proposed here)	the road earest fire the	NA					
28.Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation							
29.Existing structure (Not applicable					
30.Details of the demolition with disposal (If applicable)		NA					
	31.Production Details						

Serial Number	Product	Existing (MT/M)	Proposed (MT/M)	Total (MT/M)
1	Rectified Spirit (RS)	900 KL/M	840 KL/M	1740 KL/M
2	Ethanol	802 KL/M	749 KL/M	1551 KL/M
3	Extra Neutral Alcohol (ENA)	812 KL/M	758 KL/M	1570 KL/M
4	Electricity	1 MW		

32.Total Water Requirement



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	1	
	Source of water	Warna and Morna River
	Fresh water (CMD):	323
	Recycled water - Flushing (CMD):	725 (In process not for flushing)
	Recycled water - Gardening (CMD):	NA
	Swimming pool make up (Cum):	NA
Dry season:	Total Water Requirement (CMD)	NA
	Fire fighting - Underground water tank(CMD):	NA
	Fire fighting - Overhead water tank(CMD):	NA
	Excess treated water	NA
	Source of water	Warna and Morna River
	Fresh water (CMD):	323
	Recycled water - Flushing (CMD):	725 (In process not for flushing)
	Recycled water - Gardening (CMD):	NA
	Swimming pool make up (Cum):	NA
Wet season:	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)	Not applicable	

33.Details of Total water consumed

Particula rs	Consumption (CMD)			Loss (CMD)			Effluent (CMD)		
Water Require ment	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total
Domestic	18	0	18	2.5	0	2.5	15.5	0	15.5
Industrial Process	298	281	579	34	32	66	264	249	513
Cooling tower & thermopa ck	257	194	451	237	184	421	20	10	30



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	Level of the Ground water table:	Planing of RWH is done. After expansion same will be implement on site.			
	Size and no of RWH tank(s) and Quantity:	Planing of RWH is done. After expansion same will be implement on site.			
	Location of the RWH tank(s):	Planing of RWH is done. After expansion same will be implement o site.			
34.Rain Water Harvesting	Quantity of recharge pits:	Planing of RWH is done. After expansion same will be implement on site.			
(RWH)	Size of recharge pits :	Planing of RWH is done. After expansion same will be implement on site.			
	Budgetary allocation (Capital cost) :	Planing of RWH is done. After expansion same will be implement on site.			
	Budgetary allocation (O & M cost):	Planing of RWH is done. After expansion same will be implement on site.			
	Details of UGT tanks if any :	NA			
	Natural water drainage pattern:	NA			
35.Storm water drainage	Quantity of storm water:	NA			
	Size of SWD:	NA			
	Sewage generation in KLD:	After expansion total domestic wastewater generation will be 15.5 CMD. Same will be treat in proposed STP.			
	STP technology:	Under expansion STP will be provided. Domestic effluent will be treat in to the same.			
Sewage and	Capacity of STP (CMD):	Under expansion STP of capacity 20 CMD will be provided.			
Waste water	Location & area of the STP:	Towards south direction of plot			
	Budgetary allocation (Capital cost):	Rs. 15 lakhs			
	Budgetary allocation (O & M cost):	Rs. 0.25 Lakhs			
		d waste Management			
Waste generation in	Waste generation:	NA			
the Pre Construction and Construction phase:	Disposal of the construction waste debris:	NA			
	Dry waste:	(1) Bagasse Ash - 2.6 MT/D, (2) Coal Ash - 3.5 MT/D			
Waste generation	Wet waste:	NA			
	Hazardous waste:	Distillation residue - (Cat. 20.3) and ETP Sludge (Cat 34.2) - 0.0048 MT/D			
in the operation Phase:	Biomedical waste (If applicable):	NA			
	STP Sludge (Dry sludge):	NA			
	Others if any:	NA			
	ı				



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		Dry waste:		Bagasse As	h- Used as M	fanure. Coal	Ash-Supplie	d to Brick manufacturer	
		Wet waste		NA T					
Mada of i	Diamagal	Hazardous waste:		Distillation Residue and ETP Sludge -Used as Manure as a soil conditioner.					
of waste:			Biomedical waste (If applicable):						
			e (Dry	NA					
		Others if a	ny:	y: NA					
		Location(s):	NA					
Area requirem	ent:	Area for the of waste & material:		Within indu	strial premi	ses			
		Area for m	achinery:	NA				A	
	allocation	Capital co	st:	NA			<u> </u>	Y	
(Capital co O&M cost)		O & M cos	t:	NA				Y	
		<u> </u>	37.Ef	fluent C	harecter	estics	4		
Serial Number	Paran	neters	Unit		Inlet Effluent Charecterestics		Effluent terestics	Effluent discharge standards (MPCB)	
1	р	Н		4.	30	6.92			
2	Suspended	Solids (SS)	mg / lit	83	.00	52.00		100	
3		olved Solids DS)	mg / lit	767.00		540.00		2100	
4		l Oxygen d (COD)	mg / lit	2037.60		90	.60	250	
5		cal Oxygen d (BOD)	mg / lit	831.65		32.30		100	
Amount of e (CMD):	effluent gene	eration	41 CMD						
Capacity of	the ETP:		78 CMD						
Amount of trecycled:	reated efflu	ent	35 CMD						
Amount of v	water send to	o the CETP:	NA						
	p of CETP (if	-	NIL	NIL					
	P technology		Primary, secondary and tertiary treatment						
Disposal of	the ETP sluc	lge	Used as Ma	d as Manure as a soil conditioner					
			38.Ha	zardous	Waste D	etails			
Serial Number	Descr	iption	Cat	UOM	Existing	Proposed	Total	Method of Disposal	
1		n Residue P Sludge	Cat.20.3 and Cat. 34.2	Kg/D 2.5		2.3	4.8	Used as Manure as a soil conditioner.	
			39.St	acks em	ission D	etails			
Serial Number Section & units			ed with ntity	Stack No.	Height from ground level (m)	Internal diameter (m)	Temp. of Exhaust Gases		

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1	Во	Doiler or Coa		sse (130 MTPD) al (70 MTPD) or shew cake (70 MTPD)		Existing 33 M, After expansion 40 M	1.8	125°C	
		•	40.I	Details of F	uel to k	e used			
Serial Number	Тур	pe of Fuel Existing				Proposed		Total	
1	I	Bagasse		75		55		130	
2	Coal	(70 MTPD)		40		30		70	
3	Cashew	cake (70 MTP	D)	40		30		70	
41.Source o	f Fuel		Ва	ngasse - nearby	sugar facto	ories, Coal - au	thorized co	al supplier	
42.Mode of	Transportat	tion of fuel to	site By	road					
		Total RG an	rea:	14,700 Sq. I	M.				
		No of trees:	to be co	ut NA			0	Y	
43.Gree		Number of be planted		s to 200					
Develop	Development List of proponative trees			d Chinch, Vad, Pimpal, Silver Oak, Karanj, Saptaparni, Ashok, Umbarain tree					
		Timeline for completion plantation	of	Already 33% of green belt is developed on site. under expansion of distiller existing green belt will be segmented.					
	44.Nu	mber and	list o	f trees spec	cies to l	be planted	in the	around	
Serial Number		the plant		mon Name	mon Name Quantity			eristics & ecological	
1	Samane	eo samon	R	in tree 30				importance	
2	Deloni					30		importance Evergreen	
3	Delonix regia Grevillea robusta			ulmohor		30 26		_	
	Greville	-	G					Evergreen	
4		-	G Si	ulmohor		26		Evergreen Evergreen	
5	Millettia	a robusta	G	ulmohor lver oak		26 12		Evergreen Evergreen Deciduous	
	Millettia Alstonia Anthoc	a robusta a pinnata	Sa Sa	ulmohor lver oak Karanj		26 12 30		Evergreen Deciduous Evergreen	
5	Millettia Alstonia Anthoc chm	a robusta a pinnata scholaris ephalus	Gi Si Sa	ulmohor lver oak Karanj ptaparni		26 12 30 25		Evergreen Deciduous Evergreen Evergreen Evergreen	
5 6	Millettia Alstonia Anthoc chm Tomorino	a robusta a pinnata scholaris ephalus ensis	Sa K	ulmohor lver oak Karanj ptaparni Kadamb		26 12 30 25 35		Evergreen Deciduous Evergreen Evergreen Deciduous	
5 6 7	Millettia Alstonia Anthoc chm Tomorino Polyalthia	a robusta a pinnata scholaris ephalus ensis lus indica.	Sa Sa	ulmohor lver oak Karanj ptaparni Kadamb Chinch		26 12 30 25 35 40		Evergreen Deciduous Evergreen Evergreen Deciduous Deciduous Deciduous	
5 6 7 8	Millettia Alstonia Anthoc chm Tomorino Polyalthia Ficus r	a robusta a pinnata scholaris ephalus ensis dus indica. a longifolia	Sa Sa	ulmohor lver oak Karanj ptaparni Kadamb Chinch Ashok		26 12 30 25 35 40		Evergreen Evergreen Deciduous Evergreen Evergreen Deciduous Deciduous Evergreen	
5 6 7 8 9	Millettia Alstonia Anthoc chm Tomorino Polyalthia Ficus r	a robusta a pinnata scholaris ephalus ensis dus indica. a longifolia religiose nghalensis	Sa Sa	ulmohor lver oak Karanj ptaparni Cadamb Chinch Ashok Pimpal		26 12 30 25 35 40 30 15		Evergreen Evergreen Deciduous Evergreen Evergreen Deciduous Deciduous Evergreen Evergreen Evergreen	
5 6 7 8 9 10	Millettia Alstonia Anthoc chm Tomorino Polyalthia Ficus r Ficus gl	a robusta a pinnata scholaris ephalus ensis dus indica. a longifolia religiose nghalensis	Sa k	ulmohor lver oak Karanj ptaparni Cadamb Chinch Ashok Pimpal Vad Umbar		26 12 30 25 35 40 30 15 25		Evergreen Evergreen Deciduous Evergreen Evergreen Deciduous Deciduous Evergreen Evergreen Evergreen Evergreen Evergreen	
5 6 7 8 9 10 11	Millettia Alstonia Anthoc chm Tomorino Polyalthia Ficus r Ficus ber Ficus gl	a robusta a pinnata scholaris ephalus ensis lus indica. a longifolia eligiose aghalensis lomerate antity of plant	Sa Sa K	ulmohor lver oak Karanj ptaparni Cadamb Chinch Ashok Pimpal Vad Umbar ound		26 12 30 25 35 40 30 15 25 40	nted in	Evergreen Evergreen Deciduous Evergreen Evergreen Deciduous Deciduous Evergreen Evergreen Evergreen Evergreen Evergreen	
5 6 7 8 9 10 11	Millettia Alstonia Anthoc chm Tomorino Polyalthia Ficus r Ficus ber Ficus gl	a robusta a pinnata scholaris ephalus ensis lus indica. a longifolia eligiose aghalensis lomerate antity of plant	Sa Sa K	ulmohor lver oak Karanj ptaparni Cadamb Chinch Ashok Pimpal Vad Umbar ound	specie	26 12 30 25 35 40 30 15 25 40		Evergreen Evergreen Deciduous Evergreen Evergreen Deciduous Deciduous Evergreen Evergreen Evergreen Evergreen Evergreen Deciduous	
5 6 7 8 9 10 11 45 46.Num	Millettia Alstonia Anthoc chm Tomorino Polyalthia Ficus r Ficus ber Ficus gl	a robusta a pinnata scholaris ephalus ensis dus indica. a longifolia eligiose aghalensis domerate antity of plant	Sa Sa K	ulmohor lver oak Karanj ptaparni Kadamb Chinch Ashok Pimpal Vad Umbar ound and bushes	specie	26 12 30 25 35 40 30 15 25 40	Are	Evergreen Evergreen Deciduous Evergreen Deciduous Deciduous Deciduous Evergreen Evergreen Evergreen Evergreen Evergreen Evergreen The podium RG:	

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	Source of power		ower	Own CPP				
		Supply: During Cor Phase: (De		NIL				
		DG set as l back-up du construction	ıring	NIL				
Doo		During Opphase (Corload):		NIL				
Pov require		During Opphase (Derload):		1MW				
		Transform	er:	NA				
		DG set as l back-up du operation	ıring	Existing 16	0 KVA	& proposed 320 K	VA	
		Fuel used:		HSD				
		Details of litension lin through thany:	e passing	NA				
		48.Ene	rgy savi	ng by no	n-co	nventional m	ethod:	
NIL			30					
		49	9.Detail	calculations & % of saving:				
Serial	F	nergy Cons						
Number		nergy cons		cusures		NA NA		
1		F.O.	NA Data : I -	of pollution control Systems				
	_		$-\alpha$		ion (
Source		isting pollu		,			oposed to be installed	
Boiler	Mechanic		ctor (MDC) t of of stack	along with 33 M MDC followed b		MDC followed by	y bag filters along with 40 M height of stack	
Budgetary		Capital cos	it:	NA				
(Capital O&M		O & M cos	t:	NA				
		nment	al Mar	nagement plan Budgetary Allocation				
	(\(\lambda\)\).	/				with Break-u		
Serial Number	Attri			meter	`	Total Cost per annum (Rs. In Lacs)		
1	N	ſΑ	N	ſΑ			NA	
		b) Operat	ion Phas	e (w	ith Break-up):	
Serial Number			Descr	iption	Cap	ital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)	

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1	Upgradation of APC Equipment	Installation of Bag Filters to existing 20 TPH boiler, and increasing stack height so as to make 40 M stack, Online monitoring system.	56	1
2	Installation of STP	Installation of STP	15	0.25
3	Up-gradation of existing ETP	Up-gradation of existing ETP	60	1.5
4	Noise Pollution Control	Noise Pollution Control	10	0.50
5	Occupational Health & Safety	Occupational Health & Safety	5	0.50
6	Environmental Monitoring & Management	Environmental Monitoring & Management	5	10
7	Solid Wastes Disposal -Ash Silos, Transportation	Solid Wastes Disposal -Ash Silos, Transportation	35	1
8	Green Belt Augmentation Plan & Rain Water Harvesting implementation.	Green Belt Augmentation Plan & Rain Water Harvesting implementation.	25	1.25
9	CSR amount (for 2.5 years after expansion)	CSR amount (for 2.5 years after expansion)	42.5	-

51. Storage of chemicals (inflamable/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	Means of transportation
NA	NA	NA	NA	NA	NA	NA	NA

52.Any Other Information

No Information Available

53.Traffic Management

Nos. of the junction to the main road & design of confluence:

NA



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	Number and area of basement:	NA
	Number and area of podia:	NA
	Total Parking area:	NA
	Area per car:	NA
	Area per car:	NA
	Number of 2-	
Parking details:	Wheelers as approved by competent authority:	NA
	Number of 4- Wheelers as approved by competent authority:	NA
	Public Transport:	NA
	Width of all Internal roads (m):	NA
	CRZ/ RRZ clearance obtain, if any:	NA
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	NA NA
	Category as per schedule of EIA Notification sheet	В
	Court cases pending if any	NIL
	Other Relevant Informations	NA
	Have you previously submitted Application online on MOEF Website.	Yes
	Date of online submission	30-10-2015
	DISCUSSION	ON ENVIRONMENTAL ASPECTS
Environmental Impacts of the project	Not Applicable	
Water Budget	Not Applicable	
Waste Water Treatment	Not Applicable	
Drainage pattern of the project	Not Applicable	
Ground water parameters	Not Applicable	
Solid Waste Management	Not Applicable	
		ls &

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Air Quality & Noise Level issues	Not Applicable
Energy Management	Not Applicable
Traffic circulation system and risk assessment	Not Applicable
Landscape Plan	Not Applicable
Disaster management system and risk assessment	Not Applicable
Socioeconomic impact assessment	Not Applicable
Environmental Management Plan	Not Applicable
Any other issues related to environmental sustainability	Not Applicable

Brief information of the project by SEAC

PP submitted their application for the grant of TOR under category 5(f)B1 as per EIA Notification, 2006. PP presented draft TOR based on standard TOR issued by MoEF & CC published in April, 2015.

As the industry is located in the notified industrial area/estate (MIDC), Public Hearing is exempted under the provisions as per para 7 III Stage (3) (b) of the EIA Notification, 2006

DECISION OF SEAC

PP requsted to postpone the case on 30.06.2018.

Hence, Deferred

Specific Conditions by SEAC:

FINAL RECOMMENDATION

SEAC-I decided to defer the proposal till PP submits the additional information as per above conditions within 30 days

Abhay Pimparkar (Secretary SEAC-I)

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Dr. Umakant Dangat
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153rd Meeting of State Level Expert Appraisal Committee (SEAC-1)

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Subject: Environment Clearance for Proposed Expansion of Existing Perfumery Chemicals Manufacturing Unit

Is a Violation Case: Yes				
1.Name of Project	M/s. DRT- Anthea Aroma Chemicals Pvt. Ltd.			
2.Type of institution	Private			
3.Name of Project Proponent	Mr. Latesh Mirkar			
4.Name of Consultant	Equinox Environments (India) Pvt. Ltd.			
5.Type of project	NA NA			
6.New project/expansion in existing project/modernization/diversification in existing project	Proposed Expansion of Perfumery Chemicals Manufacturing Unit.			
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	Yes, Environmental Clearance from Government of Maharashtra dated 30.01.2010			
8.Location of the project	Plot No.: 51 – A/1, Roth Budruk, Roha MIDC, Tal.: Roha, Dist: Raigad, Maharashtra.			
9.Taluka	Roha			
10.Village	Roth Budruk			
Correspondence Name:	Mr. Latesh Mirkar			
Room Number:	Plot No.: 51 - A/1			
Floor:	NA			
Building Name:	NA			
Road/Street Name:	Roth Budruk			
Locality:	Roha MIDC			
City:	Roha			
11.Area of the project	Notified Industrial Area i.e. Roha MIDC			
	NA NA			
12.IOD/IOA/Concession/Plan Approval Number	IOD/IOA/Concession/Plan Approval Number: NA			
Approval Number	Approved Built-up Area: 17905.56			
13.Note on the initiated work (If applicable)	Expanded the production beyond the limit of EC. Production of one product (Dihydromyrcenol) has exceeded consented quantity and EC quantity by 100 MT/Month. Though one product quantity is exceeded, the total production of three product is well below the consented quantity and EC quantity.			
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	Existing unit of DRT-Anthea Aroma Chemicals Pvt. Ltd. is located in notified Industrial Area i.e. MIDC Roha			
15.Total Plot Area (sq. m.)	26,205 Sq. M.			
16.Deductions	NA			
17.Net Plot area	NA			
10 (a) Promos A Prolit of Array (ECL C	a) FSI area (sq. m.): NA			
18 (a).Proposed Built-up Area (FSI & Non-FSI)	b) Non FSI area (sq. m.): NA			
	c) Total BUA area (sq. m.): 1470.88			
10 (h) A	Approved FSI area (sq. m.): NA			
18 (b).Approved Built up area as per DCR	Approved Non FSI area (sq. m.): NA			
	Date of Approval: 30-08-2007			
19.Total ground coverage (m2)	NA			
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	NA			
21.Estimated cost of the project	20000000			
22.77				

22. Number of buildings & its configuration

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Serial number	Buildin	g Name & number	Number of floors	Height of the building (Mtrs)
1		NA	NA	NA
2		NA	NA	NA
23.Number tenants an		NA		
24.Number expected rusers		NA		
25.Tenant per hectar		NA		
26.Height building(s)				
27.Right of (Width of the from the notation to the proposed has been station to the from the first the fir	the road earest fire the	NA		
28.Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation		NA	200	
29.Existing structure (s) if any		NA	00	
30.Details demolition disposal (I applicable)	with f	NA		

31.Production Details

	51.1 Toduction Details							
Serial Number	Product	Existing (MT/M)	Proposed (MT/M)	Total (MT/M)				
1	Anthamber	300	0.0	300				
2	Dihydromyrcenol	200	100	300				
3	Methyl Pentenone	200	0.0	200				
4	High Boiler (By- product)	170	35	205				
5	Tops (By-product)	0.0	180	180				
6	65% Phosphoric Acid (By-product)	0.0	120	120				
7	35% Ammonium Sulphate Solution ((NH4)2SO4 Solution) (By-product) OR	600 KL/M	0.0	600 KL/M				
8	Calcium Sulphate (By- product)	0.0	300 KL/M	300 KL/M				

32.Total Water Requirement



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	Source of water	MIDC Water supply scheme
	Fresh water (CMD):	470
	Recycled water - Flushing (CMD):	0.0
	Recycled water - Gardening (CMD):	0.0
	Swimming pool make up (Cum):	NA
Dry season:	Total Water Requirement (CMD):	470
	Fire fighting - Underground water tank(CMD):	NA
	Fire fighting - Overhead water tank(CMD):	NA
	Excess treated water	NA
	Source of water	MIDC Water supply scheme
	Fresh water (CMD):	470
	Recycled water - Flushing (CMD):	0.0
	Recycled water - Gardening (CMD):	0.0
	Swimming pool make up (Cum):	NA
Wet season:	Total Water Requirement (CMD)	470
	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	

pool (If any)

33.Details of Total water consumed

Particula rs	Cons	umption (CM	D)	I	Loss (CMD)		Effluent (CMD)			
Water Require ment	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total	
Domestic	20	5	25	2	3	5	18	2	20	
Industrial Process	60	50	120	15	-20	5	45	70	115	
Cooling tower & thermopa ck	250	65	315	235	45	280	15	20	35	
Gardening	20	0.0	20	20	0.0	20	0	0	0	



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	Level of the Ground water table:	The details of rainwater harvesting will be incorporated in EIA report.							
	Size and no of RWH tank(s) and Quantity:	The details of rainwater harvesting will be incorporated in EIA report.							
	Location of the RWH tank(s):	The details of rainwater harvesting will be incorporated in EIA report.							
34.Rain Water Harvesting	Quantity of recharge pits:	The details of rainwater harvesting will be incorporated in EIA report.							
(RWH)	Size of recharge pits :	The details of rainwater harvesting will be incorporated in EIA report.							
	Budgetary allocation (Capital cost) :	The details of rainwater harvesting will be incorporated in EIA report.							
	Budgetary allocation (O & M cost):	The details of rainwater harvesting will be incorporated in EIA report.							
	Details of UGT tanks if any:	NA							
2. 0.	Natural water drainage pattern:	The details of storm water drainage will be incorporated in EIA report.							
35.Storm water drainage	Quantity of storm water:	The details of storm water drainage will be incorporated in EIA report.							
	Size of SWD:	The details of storm water drainage will be incorporated in EIA report.							
	Sewage generation in KLD:	20							
	STP technology:	There is no provision of STP at site. Under existing unit, domestic effluent is treated in septic tank followed by soak pits. After expansion, domestic effluent shall be forwarded to upgraded ETP along with trade effluent and treated effluent shall be forwarded to CETP							
Sewage and Waste water	Capacity of STP (CMD):	NA							
	Location & area of the STP:	NA							
	Budgetary allocation (Capital cost):	NA							
	Budgetary allocation (O & M cost):	NA							
C Y	36.Soli	d waste Management							
Waste generation in	Waste generation:	NA							
the Pre Construction and Construction phase:	Disposal of the construction waste debris:	No major construction would be done since most of infrastructure would be used from existing unit. Only few equipments & machineries as required for expansion activities will be installed.							
	Dry waste:	Calcium Sulphate							
	Wet waste:	NA							
Waste generation	Hazardous waste:	NA							
in the operation Phase:	Biomedical waste (If applicable):	NA							
	STP Sludge (Dry sludge):	NA							
	Others if any:	NA							
Abhay Pimparkar (Secre SEAC-I)		No: 153rd (Day-2) Meeting tite: July 1, 2018 Page 38 of 66 Signature: Name: Dr. Umakant Gangetreo Dangat Dr. Umakant Dangat (Chairman SEAC-I)							

		Dry waste:		For sale to	authorized p	arty					
		Wet waste		NA							
Hazard		Hazardous	waste:	NA							
Mode of lof waste:	Disposal	Biomedica applicable		NA							
		STP Sludg sludge):	e (Dry	NA							
		Others if a	ny:	NA							
		Location(s):	Plot No.: 51 Maharashti		Budruk, Roh	ia MIDC, Tal	l.: Roha, Dist: Raigad,			
Area requirem	ent:	Area for the of waste & material:		The storage	e details of w	vaste will be i	incorporated	l in EIA report.			
		Area for m	achinery:	The storage	e details of w	aste will be i	incorporated	l in EIA report.			
Budgetary		Capital cos	st:	The storage	e details of w	aste will be i	incorporated	l in EIA report.			
(Capital co O&M cost)		O & M cos	t:	The storage	e details of w	aste will be i	incorporated	l in EIA report.			
		-	37.Ef	fluent C	harecter	estics	0				
Serial Number	Paran	neters	Unit	Unit Inlet Effluent Outlet Effluent Effluent Charecterestics Charecterestics standar							
1	CC	OD	mg/lit	37	00	19	95	250			
2	ВС	OD	mg/lit	10	50	9	5	100			
Amount of e (CMD):	effluent gene	eration	170			3					
Capacity of	the ETP:		220								
Amount of t recycled :	reated efflue	ent	NA								
Amount of v	vater send to	o the CETP:	160								
Membership	p of CETP (if	f require):	yes	tire effluent would be treated in Effluent Treatment Plant (ETP) provided at							
Note on ETI	P technology	to be used	industrial s shall content Holding Ta Tank, Sludg	ite and forwa mplate of van nk, Oil & Gre ge Sump, Bio	arded to CET rious unit op- ease Separat oreactor-1 &	TP for further erations and ion Tank, Ne 2, Secondary	treatment of treatment of the processes so that the processes so that the processes of the	lant (ETP) provided at & disposal. The ETP uch as Equalization cum Tank, Primary Settling nk, Chemical Oxidation Discharge Tank.			
Disposal of	the ETP sluc	lge	ETP Sludge	is Forwarde	ed to CHWTS	SDF					
	1		38.Ha	zardous	Waste D	etails					
Serial Number	Descr	iption	Cat	UOM	Existing	Proposed	Total	Method of Disposal			
1	Spent I	Lube Oil	5.1	MT/M	0.05	0.1	0.15	Forwarded to CHWTSDF			
2	ETP S	Sludge	35.5	MT/M	8	450	458	Forwarded to CHWTSDF			
3	Boiler So Carl	ot (Spent bon)	28.3	MT/M	00	1.2	1.2	Forwarded to CHWTSDF			
4	Discarded of Barrels	containers / / Liners	33.1	MT/M	0.0	0.5	0.5	Forwarded to CHWTSDF			
5	Wast	e Oil	5.2	MT/M	0.0	0.1	0.1	Forwarded to CHWTSDF			
			39.St	tacks em	ission D	etails					

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Serial Number	Section	1 Az iinite			sed with ntity	Stack N	lo.	Height from ground level (m)	Interdiam (m	eter	Temp. of Exhaust Gases
1		ers (4TPH-2 os.)	FO-2	52 kg/	hr for each	1		30.5	0.7	5	250
2		Fluid Boiler al/hr -2 Nos)	FO-1	78 kg/	hr for each	1		30.5	0.7	5	250
3		1250 KVA -2 os.)	Dies	el-380	lit for each	1		10 ARL	0.3	3	
4		Boiler-4TPH 5 lac kcal/hr	F	'O- 430) Kg /hr	1		30.5	0.0	3	250
			4	0.De	tails of I	uel to	be	e used			
Serial Number	Tyj	pe of Fuel			Existing			Proposed			Total
1	Fu	ırnace Oil			430 kg/hr			430kg/hr			860kg/hr
2		Diesel			380 lit			0.0			380 lit
41.Source	of Fuel			India	n Oil Corpor	ation Ltd				U	
42.Mode of	Transporta	tion of fuel to	site	Tank	ers by Road						
		Total RG a	rea :	The green belt developed in existing premises covers an area of about 3500 Sq.M. i.e. 13% of total plot area							
		No of trees	s to be cut NA								
43.Gree		Number of be planted		s to	372 nos. of	trees hav	re b	een planted	,		
Develop	ment	List of pro native tree	plot area.Th			Green Belt Area - 5241.65 Sq.M (0.52 Ha) i.e. 20% of Total The list of trees to be planted under expansion will be ed in EIA report.					
		Timeline for completion plantation	ı of	The detail plan of green belt development and implementation will be incorporated in EIA report.							
	44.Nu	mber and	l list	of t	rees spe	cies to	b	e plante	d in t	he g	ground
Serial Number	Name of	the plant	C	ommo	n Name	Q	ua	ntity	Cha		eristics & ecological importance
1	planted under pexpansion will be expansion			planted under expansion will be accorporated in EIA report.		The list of trees to planted under expansion will be incorporated in EI report.		d under on will be ted in EIA	The list of trees to be planted under expansion will be incorporated in EIA report.		
45	5.Total qua	ntity of plar	ts on	grou	nd						
46.Nun	nber and	l list of sl	ırub	s an	d bushes	s speci	es	to be pla	antec	l in	the podium RG:
Serial		Name C/C Dist								Area	
Number			NA								
Number 1		NA			NA					N	Ā

agretains Abhay Pimparkar (Secretary SEAC-I)

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		Source of power supply:	MSEDCL					
		During Construction Phase: (Demand Load)	NA					
		DG set as Power back-up during construction phase	NA					
Pov	von.	During Operation phase (Connected load):	3.5 MW					
require		During Operation phase (Demand load):	3.5 MW					
		Transformer:	NA					
		DG set as Power back-up during operation phase:	1250 KVA (2 Nos.)					
		Fuel used:	HSD					
		Details of high tension line passing through the plot if any:	NA					
		48.Energy savi	ng by non-co	nventional method:				
NA			J - J 5 - 2 - 5 - 5 - 5 - 5 - 5 - 5 - 5 -					
1111		40 Dotail	calculations	& % of saving:				
Contol		49.Detail	carculations	& 70 of Saving.				
Serial Number	E	nergy Conservation Mo						
1		NA		NA				
		50.Details	of pollution o	control Systems				
Source	Ex	isting pollution contro	l system	Proposed to be installed				
Boiler (4 TPH - 2 Nos.) - Existing		Stack of 30.5 M comm	non	NA				
Boiler (4 TPH) & Thermic Fluid Heater (15 Lac KCal/Hr 1 No.)	Si	NA		Stack of 30.5 M (Common)				
Thermic Fluid Heater (15 Lac KCal/Hr 2 Nos.)		Stack of 30.5 M comm	non	NA				
Budgetary		Capital cost:	The Capital Cost	will be incorporated in EIA report.				
(Capital O&M		O & M cost:	O&M Cost will be	incorporated in EIA report.				
51	.Enviro	onmental Mar	nagement	plan Budgetary Allocation				



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						4:1.72						
		a) Construction	n pha	se (1	vith Brea	ık-u	p):				
Serial Number	At	tributes	Parameter			Total C	ost p	er annu	m (Rs. In La	acs)		
1		NA	NA					NA				
b) Operation Phase (with Break-up):												
Serial Number	Co	mponent	Description	ı	Cap	ital cost Rs. Lacs	In	-	tional and N ost (Rs. in I	Maintenance Lacs/yr)		
1	The Capital Cost and O&M will be incorporated in EIA report.		O&M will be)	(Capital Cost D&M will be rporated in I report.		The Capital Cost and O&M incorporated in EIA rep				
51.S	51.Storage of chemicals (inflamable/explosive/hazardous/toxic substances)											
Descrip	tion	Status	Location	Capa	rage city in IT	Maximum Quantity of Storage at any point of time in MT	/ Me	umption onth in MT	Source of Supply	Means of transportation		
Storage of chemicals will be incorporated at the time of EIA report at the time of EIA		incorporated at the time	Storage of chemicals will be incorporated at the time of EIA report	chen wil incorp at the of l	age of nicals I be orated time EIA	Storage of chemicals will be incorporated at the time of EIA report	Storage of chemicals will be incorporated at the time of EIA report		Storage of chemicals will be incorporated at the time of EIA report	Storage of chemicals will be incorporated at the time of EIA report		
			52.Any 0	ther	Info	rmation						
No Informa	tion Avail	able		1								
			53.Traf	fic M	lana	gement						
			the junction	7		74						

of EIA report submission

to the main road &

design of confluence:

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The details of traffic management plan will be incorporated at the time

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	Number and area of basement:	The details of traffic management plan will be incorporated at the time of EIA report submission
	Number and area of podia:	The details of traffic management plan will be incorporated at the time of EIA report submission
	Total Parking area:	The details of traffic management plan will be incorporated at the time of EIA report submission
	Area per car:	The details of traffic management plan will be incorporated at the time of EIA report submission
	Area per car:	The details of traffic management plan will be incorporated at the time of EIA report submission
Parking details:	Number of 2- Wheelers as approved by competent authority:	The details of traffic management plan will be incorporated at the time of EIA report submission
	Number of 4- Wheelers as approved by competent authority:	The details of traffic management plan will be incorporated at the time of EIA report submission
	Public Transport:	The details of traffic management plan will be incorporated at the time of EIA report submission
	Width of all Internal roads (m):	The details of traffic management plan will be incorporated at the time of EIA report submission
	CRZ/ RRZ clearance obtain, if any:	NA
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	Dhatav village of propose ESA of Western Ghat is located 1.0 km from project site.
	Category as per schedule of EIA Notification sheet	As per the provision of "EIA Notification No. S. O. 1533 (E)" dated 14.09.2006; amended on June 25, 2014; the proposed expansion project comes under Category – B. But in light of Draft notification of the Ecosensitive Areas for Western Ghat dated on 13th March, 2014, 4th September, 2015 and 27th February, 2017, project Category changes from 'B' to 'A'.
	Court cases pending if any	No any court case is pending.
S	Other Relevant Informations	DRT - Anthea Aroma Chemicals Pvt. Ltd.had submitted the proposal under violation as per MoEFCC Notification dated 14.03.2017 on MoEFCC portal on 19.08.2017. The proposal number on MoEFCC portal was IA/MH/IND2/67555/2017 which was well before deadline of 13th September 2017.But as per the directions of Hon'ble Madras High court vide order dated 13.10.2017, our proposal is forwarded to SEAC/SEIAA, Department of Environment. Now, we are once again as per direction of Department of Environment are submitting an application on MPCB portal for grant of Environment Clearance under violation. Kindly, consider the proposal as per queue of submission on MoEFCC portal.
	Have you previously submitted Application online on MOEF Website.	Yes
	Date of online submission	19-08-2017
SEAC	DISCUSSION	ON ENVIRONMENTAL ASPECTS

SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS



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Environmental Impacts of the project	Not Applicable
Water Budget	Not Applicable
Waste Water Treatment	Not Applicable
Drainage pattern of the project	Not Applicable
Ground water parameters	Not Applicable
Solid Waste Management	Not Applicable
Air Quality & Noise Level issues	Not Applicable
Energy Management	Not Applicable
Traffic circulation system and risk assessment	Not Applicable
Landscape Plan	Not Applicable
Disaster management system and risk assessment	Not Applicable
Socioeconomic impact assessment	Not Applicable
Environmental Management Plan	Not Applicable
Any other issues related to environmental sustainability	Not Applicable

Brief information of the project by SEAC

PP submitted their application for the grant of TOR under category 5(f)B1 as per EIA Notification, 2006. PP presented draft TOR based on standard TOR issued by MoEF & CC published in April, 2015.

As the industry is located in the notified industrial area/estate (MIDC), Public Hearing is exempted under the provisions as per para 7 III Stage (3) (b) of the EIA Notification, 2006

DECISION OF SEAC

PP requsted to postpone the case on 30.06.2018.

Hence, Deferred

Specific Conditions by SEAC:



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FINAL RECOMMENDATION

SEAC-I decided to defer the proposal till PP submits the additional information as per above conditions within 30 days



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153rd Meeting of State Level Expert Appraisal Committee (SEAC-1)

SEAC Meeting number: 153rd (Day-2) Meeting Date July 1, 2018

Subject: Environment Clearance for Capacity Augmentation and Modernization for Production of finished products in the form of Ingots, Blooms & Bars from 2, 04,000 TPA to 2, 44,000 TPA of Saarloha Advanced Materials Pvt. Limited (formerly known as M/s Kalyani Carpenter Special Steels Pvt. Ltd.), Mundhwa, Pune, Maharashtra.

Is a Violation Case: No

Is a Violation Case: No						
1.Name of Project	Capacity Augmentation and Modernization for Production of finished products in the form of Ingots, Blooms & Bars from 2, 04,000 TPA to 2, 44,000 TPA					
2.Type of institution	Private					
3.Name of Project Proponent	Saarloha Advanced Materials Pvt. Ltd (formerly known as M/s Kalyani Carpenter Special Steels Pvt. Ltd.)					
4.Name of Consultant	MITCON Consultancy & Engineering Services Ltd. Agriculture College Campus, Next to DIC office, Shivajinagar, Pune 411 005, Maharashtra (India)					
5.Type of project	Not applicable					
6.New project/expansion in existing project/modernization/diversification in existing project	Expansion with modernization					
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	Yes					
8.Location of the project	Survey No. 72 to 76,					
9.Taluka	Haveli					
10.Village	Mundhwa					
Correspondence Name:	Mr V Balasubramanian					
Room Number:	NA					
Floor:	NA					
Building Name:	Saarloha Advanced Materials Pvt. Ltd (formerly known as M/s Kalyani Carpenter Special Steels Pvt. Ltd.)					
Road/Street Name:	Ghorpadi Road					
Locality:	Mundhwa					
City:	Pune					
11.Area of the project	Notified Industrial Zone in Pune, Pune Cantonment Board, Pune Municipal Corporation					
42 YOU (CO.) (D)	NA NA					
12.IOD/IOA/Concession/Plan Approval Number	IOD/IOA/Concession/Plan Approval Number: NA					
	Approved Built-up Area: 50604.85					
13.Note on the initiated work (If applicable)	No					
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	NA					
15.Total Plot Area (sq. m.)	1,01,208 square meter					
16.Deductions	Not applicable					
17.Net Plot area	Not applicable					
18 (a).Proposed Built-up Area (FSI &	a) FSI area (sq. m.): Not applicable					
Non-FSI)	b) Non FSI area (sq. m.): Not applicable					
	c) Total BUA area (sq. m.): 46123.95					
18 (b).Approved Built up area as per	Approved FSI area (sq. m.): Not applicable					
DCR	Approved Non FSI area (sq. m.): Not applicable					
	Date of Approval: 13-06-2018					
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	50000000					

appropriately Abhay Pimparkar (Secretary SEAC-I)

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2	2.Numb	er <mark>of buildi</mark> ı	ngs & its conf	iguration				
Buildin	ng Name & nu	Name & number						
1	Not applicable		Not applicable	Not applicable				
1	Not applicable		Not applicable	Not applicable				
1	Not applicable		Not applicable	Not applicable				
	Not applicable	е						
- 0-	Not applicable	е						
	Not applicable	е		. 0				
the road earest fire the	7.5 m			100,				
from all building the width	9 m		,0000					
	Existing facto	ry structures						
with f	Not applicable							
		31.Produc	ction Details					
Pro	duct	Existing (MT/M)	Proposed (MT/M)	Total (MT/M)				
the form blooms a various	of ingots , nd bars of sizes and	204000 TPA	40000 TPA	244000 TPA				
	Building Trof d shops r of desidents / density e of the of the of way the road earest fire the ouilding(s) gradius cess of from all building the width ntation gradius from all control from from all control from all from	Not applicable Not applicable Not applicable Not applicable Not applicable r of d shops r of esidents / Not applicable of the not applicable Not applicable f way the road earest fire the building(s) g radius cess of from all building the width ntation g (s) if any of the with f Not applicable Not applicable Not applicable Not applicable	Not applicable Not applicable Not applicable Not applicable Not applicable f way the road earest fire the ouilding(s) gradius cess of from all building the width ntation gs) if any of the with f Not applicable 31.Product Finished products in the form of ingots, blooms and bars of various sizes and	Not applicable r of d shops r of esidents / Not applicable Not applicable Not applicable Not applicable density e Not applicable f way the road earest fire the building(s) g radius cess of from all building the width nation G s) if any of the with f Not applicable 31.Production Details Product Existing (MT/M) Proposed (MT/M) Finished products in the form of ingots, blooms and bars of various sizes and				

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		Source of water		Imigation	PMC water , Grou	ad ruato	n					
		Fresh water (CM		Nil	PMC water, Groun	na wate	<u> </u>					
		· ·		IVII								
		Recycled water Flushing (CMD)		Not applica	able							
		Recycled water Gardening (CM		65								
	Swimming pool make up (Cum):				able							
Dry season	1:	Total Water Requirement (C	EMD)	Nil for pro	posed expansion							
		Fire fighting - Underground w tank(CMD):	ater	Not applica	able			.0				
		Fire fighting - Overhead water tank(CMD):	1	100 CMD (100 CMD (Above ground)							
		Excess treated v	water	Not applica	able							
		Source of water		Not applica	able							
		Fresh water (CN	/ID):	Not applica	able							
		Recycled water Flushing (CMD)		Not applicable								
		Recycled water Gardening (CM		Not applicable								
		Swimming pool make up (Cum)		Not applicable								
Wet season	n:	Total Water Requirement (C	EMD)	Not applica	able							
		Fire fighting - Underground w tank(CMD):	ater	Not applicable								
		Fire fighting - Overhead water tank(CMD):	>	Not applicable								
		Excess treated v	water	Not applicable								
Details of an pool (If an		Not applicable										
	^	33.D	etails	of Tota	al water cons	umed	l					
Particula rs	Con	sumption (CMD)			Loss (CMD)		E	Effluent (CMD)				
Water Require ment	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total			
Domestic	100	-20 (demand decreases)	80	20	15(demand decreses)	15	80	65 (decreses)	65			
Industrial Process	700	20	720	606	55.5	661.5	Nil	Nil	NIl			
	1100033											

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	Level of the Ground water table:	4m				
	Size and no of RWH tank(s) and Quantity:	Existing 2 Tanks 6 m dia x 6 m depth and 13 x 3 x 3				
	Location of the RWH tank(s):	As per layout				
34.Rain Water Harvesting	Quantity of recharge pits:	Existing 9 pits				
(RWH)	Size of recharge pits :	3 x 3x 3.5, 3.8 x 5.5 x 3.5, 2 x 1.5 x 3, 2.5 x 1.3 x 3 , 3 x 3 x 3 , 3 x 4 x 3 , 3 x 4 x 3 , 4 .7x1.3 x 3, 10.5 x 1.6 x 3				
	Budgetary allocation (Capital cost) :	35 lacs Already implemented				
	Budgetary allocation (O & M cost) :	3 Lacs				
	Details of UGT tanks if any:	6 m Diameter x 6 M depth- 169 Cu M				
	Natural water drainage pattern:	East to West by storm water drainage				
35.Storm water	Quantity of storm water:	Existing area 2.8 m3/sec				
drainage	Size of SWD:	600 mm X 500 mm (South side East to West) 450 mm dia. Boiler room to canteen (East – west) 450 mm dia. Plant office to gate 450 mm dia. West side (South to north)				
	Sewage generation in KLD:	65				
	STP technology:	Aerobic treatment				
Common and	Capacity of STP (CMD):	One STP of 130 CMD				
Sewage and Waste water	Location & area of the STP:	As per Layout				
	Budgetary allocation (Capital cost):	Existing STP is available				
	Budgetary allocation (0 & M cost):	Existing STP is available				
	36.Solie	d waste Management				
	Waste generation:	NA				
Waste generation in the Pre Construction	3	IVA				
and Construction phase:	Disposal of the construction waste debris:	NA				
	Dry waste:	Slag Ball, Slag Overflow, Debris, Bricks, Metal Waste, Dust Grinding, Miscellaneous Packing Mater Wood, Paper, Cardboard, Glass, Process Dust				
	Wet waste:	NA				
Waste generation in the operation Phase:	Hazardous waste:	Used / Spent oil , Waste / Residue, containing oil Empty Oil Barrels				
	Biomedical waste (If applicable):	NA				
	STP Sludge (Dry sludge):	4 MTA				
Others if any:		NA				
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		Dry waste:		Papers & Cardboards, Plastic & HDPE, Woods & pallets etc. will be sale							
		Wet waste	•	NA							
3.5 3 6	D	Hazardous	waste:	Sent to CH	Sent to CHWTSDF						
	Mode of Disposal of waste: Biomedical waste (If applicable):		Not applica	Not applicable							
		STP Sludg sludge):	e (Dry	NA							
		Others if a	ny:	E waste 10	00 kg per an	num, Battery	waste 50 no	0.			
		Location(s):	As per layo	ut						
Area requirem	ient:	Area for the of waste & material:		NA							
		Area for m	achinery:	NA							
Budgetary (Capital co	allocation	Capital cos	st:	NA							
O&M cost)		O & M cos	t:	NA							
			37.Ef	fluent C	harecter	estics					
Serial Number	Paran	neters	Unit		affluent terestics		Effluent erestics	Effluent discharge standards (MPCB)			
1		spended lids	mg/l	20	60	3	0	50			
2	Biologica Dem	al Oxygen nand	mg/l	13	35	25		30			
3	Chemica Den	l Oxygen nand	mg/l	40	67	78		100			
Amount of e	effluent gene	eration	No								
Capacity of	the ETP:		NA	1	*						
Amount of trecycled:	reated efflue	ent	NA								
Amount of v	water send to	o the CETP:	NA	>							
Membershi	p of CETP (if	require):	NA								
Note on ET	P technology	to be used	NA								
Disposal of	the ETP sluc	lge	NA								
			38. Ha	zardous	Waste D	etails					
Serial Number	Descr	iption	Cat	UOM	Existing	Proposed	Total	Method of Disposal			
1	Used / S	Spent oil	5.1	MT/Year	35	7	42	Sold to authorized reprocessor			
2	Waste/ contair	Residue ning oil	5.2	MT/Year	25	5	30	Sold to authorized reprocessor			
3	Empty O	il Barrels	33.3	Nos/Year 2500		500	3000	Sold to authorized reprocessor			
39.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	No. 1	FO & Biod Lit,	liesel- 140 /Hr	1	30.5	0.9	280 0C			

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2	Boiler No. 2	FO & Biodiesel-110 Lit/Hr	1		30.5	0.9	280 0C
3	Boiler No. 3	FO & Biodiesel-110 Lit/Hr.	1		30.5	0.9	280 0C
4	Annealing Furnace No.1	FO-140 Lit/Hr	2		30	0.6	190 0C
5	Annealing Furnace No.2	FO-110 Lit/Hr.	2		30	0.6	190 0C
6	Walking Beam Furnace	FO-600 Lit/Hr.	3		49	1.05	286 0C
7	Soaking pit	FO-310 Lit/HR	4		39	1.05	240 0C
8	D.G. Set No.1	HSD-35 Lit/HR.	5		Height of the roof + 5M	0.04	95 0C
9	D.G. Set No.2	HSD-50 Lit/HR.	6		Height of the roof + 5M	0.04	176 0C
10	D.G. Set No.3	HSD-20 Lit/HR.	7		Height of the roof + 3.5M	0.02	115 0C
11	D.G. Set No.4	HSD-15 Lit/HR.	8		Height of the roof + 3.5M	0.04	130 0C
12	D.G. Set No.5	HSD-20 Lit/HR.	9	2	Height of the roof + 5M	0.04	142 0C
13	Electric Arc Furnace	Electricity-10112 Units/Hr.	N/	A	NA	NA	High Temperature Quenching With Fume Extraction System Provided
14	Laddle Furnace 2 nos.	Electricity -829 Units/Hr for each	NA	A	NA	NA	Fume Extraction System Provided
15	Electro Slag Re- melting	Electricity-1081 Units/Hr	12	2	10	0.15	75 0C
16	Shot Blasting M/c. No.	Electricity-34 Units/Hr	13	3	13	0.3	-
17	Shot Blasting M/c. No. 2	Electricity- 34 Units/Hr.	14	ŀ	18	0.3	-
		40.Details of F	uel t	o be	e used		
Serial Number	Type of Fuel	Existing			Proposed		Total
1	Furnace Oil	14600			Nil		14600
2	HSD	365			0		365
3	Biodiesel	1987			50		2037
4	CBFS	365			0		365
5	LPG	730			0		730
6	Producer Gas	0		7	7300 Nm3/H	r	7300 NM3/Hr
41.Source		Authorized Vendo	rs				
42.Mode of	Transportation of fuel to	site Road					



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		Total RG a	rea:	18000 m2					
		No of trees	to be cut	NA	NA				
	43.Green Belt Number of trebe planted:			NA	NA				
Develop	ment	List of propagities		NA					
		Timeline for completion plantation	of	NA					
44.Number and list of trees species to be planted in the ground									
Serial Number	Name of	the plant	Commo	on Name	Qua	ntity	Characteristics & ecological importance		
1	N	ſΑ	N	ĪΑ	N	ſΑ	NA		
45	.Total qua	ntity of plan	ts on grou	nd					
46. Number and list of shrubs and bushes species to be planted in the podium RG:									
Serial Number		Name		C/C Dista	C/C Distance Area m2		Area m2		
1		NA		NA	NA NA				
				47.E	nergy	9			
		Source of p supply:	oower	MSEDCL					
		During Cor Phase: (De Load)		NA					
		DG set as l back-up du construction	ıring	NA					
Doo	During Operation phase (Connected load):		Total 54.2 MW						
	Power requirement: During Operation phase (Demand load):		Total 36.8 MVA						
Transformer:		NA							
	DG set as Power back-up during operation phase:		Total 5 of capacity 1235(KVA)						
		Fuel used:		HSD, Fuel	Oil, Biodiese	l			
	Details of high		NA						

48. Energy saving by non-conventional method:

1. Solar powered street lamps will be installed-10 no

any:

through the plot if

- 2. LED lights will be installed in offices-100 no
- 3. Secondary Fume extraction system (FES), Fan 2 latest drive fitted 800 KW, 690 V for 650 KW 690 V 4P, new motor 1 no. saving of 1000 units per day
- 4. Ladle Furnace 1 FES Optimization with respect to process and saved 150 units per day

49.Detail calculations & % of saving:



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Serial Number	Е	nergy Conservation M	easures	Saving %		
1		NA		NA		
	50.Details of pollution control Systems					
Source	Ex	isting pollution contro	ol system	Proposed to be installed		
Source stack and process	FES	S, HTQ, Dust Collectors,	Bag filters	NA		
Domestic effluent		STP		NA		
Budgetary			NA			
	(Capital cost and O&M cost): 0 & M cost:		NA			

51. Environmental Management plan Budgetary Allocation

a) Construction phase (with Break-up):

Serial Number	Attributes Parameter		Total Cost per annum (Rs. In Lacs)		
1	Environmental monitoring	PM10, PM2.5, SO2, NOx, CO, Equivalent noise level, Analysis of water for physical, chemical, biological parameters.	0.50		
2	Air Environment	Water For Dust Suppression	0.25		
3	Health Check Up	Health Check Up	1.0		
4	Occupational Health	Personal protective equipment	0.5		

b) Operation Phase (with Break-up):

Serial Number	Component	Description	Capital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)
1	Environmental Monitoring	Ambient Air quality, Noise Level, Exhaust from DG Set, Drinking Water, Sewage from STP, As per EP act, Manure	Nil	409196
2	Waste water	Operation & Maintenance of Sewage Treatment Plant	15	1204420
3	Sludge management	Expenses for removal Of Sludge from Sewage Treatment Plant	Nil	104950
4	JV Analysis Report charges		Nil	2660
5	Gardening	Tree Plantation	NIl	30000
6	Solid waste	Disposal of solid		12732223



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7	Rain water	Rain Water Harvesting Pits	Nil	300000
8	Garden maintenance	Maintenance of Garden inside the Plant	Nil	408000
9	CSR/CER	Maintenance of Garden Kamla Nehru Park	Nil	690600
10	Air	Maintenance of Fume Extraction System	Nil	5479348

51. Storage of chemicals (inflamable/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
Hydrochloric Acid	Liquid	Boiler & NDT (Macro Etching room)	0.4 MT	0. 37 MT	11.29 MT	A V Gandhi	Road
Liquefied Petroleum Gas	Liquid	Metal Cutting Activity	1 MT	0.231 MT	6.9 MT	Indene, Bharat Gas & HP Gas	Road
Acetylene	Gas	Metal Cutting Activity	1.6 MT	1.2 MT	1214 MT	Tri Gases, Sidhivinayak	Road
Liquid Oxygen Gas	Liquid	Electric ARC Furnace ,Melting / Scarp cutting / Reheating of materials	225 MT	168 MT	1507971 MT	Linde Group / Inox Air Products	Road
Liquid Argon	Liquid	Ladle Furnace- Purging of Molten Metal	42.82 MT	30 MT	61755 MT	Linde Group / Inox Air Products / Praxair	Road
Liquid Nitrogen	Liquid	Ladle Furnace - Purging of Molten Metal	11.09 MT	8 MT	26141 MT	Inox Air Products	Road
Furnace oil	Liquid	Walking Beam Furnace / Annealing Furnace / Soaking Pit Reheating of Material / Boiler	205 KL	105 KL	1025 KL	Indian / BPCL	Road
LDO	Liquid	Electric Arc Furnace / Ladle Preheaters Reheating of Material / melting of Scrap	85 KL	60 KL	237 KL	Kedia Organics Chemicals Pvt. Ltd	Road
HSD	Liquid	Running of D G Sets , Bobcat & Fork Lifts	1 KL	0.8 KL	13 .27 KL	BPCL / Rajlaxmi Petroleum	Road
Picric Acid	Liquid	In laboratory	1 Ltrs	0.75 Ltrs	9 Ltrs	Bharat Chemicals	Road

52.Any Other Information

No Information Available

53.Traffic Management



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	I	
	Nos. of the junction to the main road & design of confluence:	NA
	Number and area of basement:	NA
	Number and area of podia:	NA
	Total Parking area:	Na
	Area per car:	Na
	Area per car:	Na
Parking details:	Number of 2- Wheelers as approved by competent authority:	Na
	Number of 4- Wheelers as approved by competent authority:	NA
	Public Transport:	NA
	Width of all Internal roads (m):	6
	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	В
	Court cases pending if any	NA
	Other Relevant Informations	NA
	Have you previously submitted Application online on MOEF Website.	No
2,	Date of online submission	
SEAC	DISCUSSION	ON ENVIRONMENTAL ASPECTS
Environmental Impacts of the project	Not Applicable	
Water Budget	Not Applicable	
Waste Water Treatment	Not Applicable	
Drainage pattern of the project	Not Applicable	

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Ground water parameters	Not Applicable
Solid Waste Management	Not Applicable
Air Quality & Noise Level issues	Not Applicable
Energy Management	Not Applicable
Traffic circulation system and risk assessment	Not Applicable
Landscape Plan	Not Applicable
Disaster management system and risk assessment	Not Applicable
Socioeconomic impact assessment	Not Applicable
Environmental Management Plan	Not Applicable
Any other issues related to environmental sustainability	Not Applicable

Brief information of the project by SEAC

PP submitted their application for the grant of TOR under category 3 (a) B1 as per EIA Notification, 2006. PP presented draft TOR based on standard TOR issued by MoEF & CC published in April, 2015.

PP to carry out Public Consultation as per procedure stipulated in the EIA Notification, 2006 along with time bound implementation plan of the issues raised in the Public Consultation.

DECISION OF SEAC



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Based on the presentation made by PP; committee decided to approve the TOR for the preparation of EIA/EMP report as per standard TOR and additional TOR points mentioned below.

PP to collect base line data as per Office Memorandum issued by MoEF&CC dated 27.08.2017.

The validity of the TOR will be for three years as per OM issued by MoEF and CC on 29.08.2017.

PP to submit Form - 2 along with EIA/EMP report as per OM issued by MoEF&CC on 20.04.2018.

Specific Conditions by SEAC:

- 1) PP to submit certificate of incorporation of the company, list of directors and memorandum of articles.
- 2) PP has obtained earlier EC vide letter No. SEAC-2014/CR-156/TC-2 dated 12.12.2.014. PP to submit certified compliance of the EC from Regional Office of MoEF&CC as per OM dated 7th September, 2017.
- 3) PP to submit lay out plan showing entry/exit gates, internal road width of six meters, storm water drains, turning radius of nine meters, location of pollution control equipment, parking areas, waste storage areas,33% green belt, rain water harvesting etc. along with area calculations.
- 4) PP to carry out life cycle analysis of the activities carried out on site with respect to the sustainability index, green house and ozone depletion potential etc
- 5) PP to include heat integration and heat balance study details in the EIA Report.
- 6) PP to explore possibility to use modern technologies in the process to reduce energy consumption.
- 7) PP to carry out Risk Assessment and submit Disaster Management Plan.
- 8) PP to submit copy of water supply permission obtained from Competent Authority.
- 9) PP to include detailed water balance calculations in the EIA Report.
- 10) PP to submit details of waste generation and its disposal along with the agreement made with the vendors for sale or reuse
- 11) PP to submit copy of structural stability certificate of structures existing to accommodate proposed expansion.
- 12) PP to prepare socio-economic impact of proposed expansion and include in the EIA report.
- 13) PP to submit their plan to utilize CER (Corporate Environment Responsibility) along with timelines as per OM issued by MoEF&CC dated 01.05.2018.

FINAL RECOMMENDATION

The Committee decided to Grant ToR subject to the above observations, PP requested to prepare and submit EIA report as per EIA Notification, 2006 and amendments thereof.

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153rd Meeting of State Level Expert Appraisal Committee (SEAC-1)

SEAC Meeting number: 153rd (Day-2) Meeting Date July 1, 2018

Subject: Environment Clearance for Tyre pyrolysis oil [TPO] for M/s Skashi industries.

Is a Violation Case: No

is a violation case: No					
1.Name of Project	Sakshi Industries				
2.Type of institution	Private				
3.Name of Project Proponent	tyre pyrolysis oil				
4.Name of Consultant	self				
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	A-233				
9.Taluka	shrirampur				
10.Village	khnadala				
Correspondence Name:	Mr. Ajay Macchindra Raut				
Room Number:	747				
Floor:	Ground				
Building Name:	Laxman Niwas				
Road/Street Name:	at post kelwad				
Locality:	tal Rahata				
City:	Ahmednagar				
11.Area of the project	MIDC AREA				
	NO				
12.IOD/IOA/Concession/Plan Approval Number	IOD/IOA/Concession/Plan Approval Number: NO				
	Approved Built-up Area: 774.00				
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.)	1500.00				
16.Deductions	0.00				
17.Net Plot area	1500.00				
10 () D	a) FSI area (sq. m.): 772.0				
18 (a).Proposed Built-up Area (FSI & Non-FSI)	b) Non FSI area (sq. m.): 728				
	c) Total BUA area (sq. m.): 1500.00				
	Approved FSI area (sq. m.): 772.00				
18 (b).Approved Built up area as per DCR	Approved Non FSI area (sq. m.): 850.00				
	Date of Approval: 07-07-2017				
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	180.95				
22.17	har of huildings & its configuration				

22. Number of buildings & its configuration

Serial Building Name & number Number of floors Height of the building (Mtrs) number

appropriately Abhay Pimparkar (Secretary SEAC-I)

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1	λ.	Int applicabl	0	N.	Not applicable					
		Vot applicabl	ot applicable Not applicable Not applicable							
23.Number tenants an	d shops	Not applica	ot applicanable							
24.Number expected r users		Not applica	ble							
25.Tenant per hectar		Not applica	ble							
26.Height building(s)										
27.Right o (Width of the from the number of the proposed by the control of the co	the road earest fire	30.00 Mete	.00 Meter							
28. Turning for easy active tender movement around the excluding for the pla	from all building the width	Not applica	ot applicable.							
29.Existing		Not applica	ble							
30.Details demolition disposal (I applicable	with f	Not applica	ble	000						
			31.P	roduct	ion Details					
Serial Number	Pro	duct	Existing	(MT/M) Proposed (MT/M)		Total (MT/M)				
1	pyroly	sis oil		00	220.0	220.0				
2	carbor	ı black		00 150.0 150.0						
		3	2.Tota	l Wate	r Requiremen	ıt				
		Source of	water	MIDC TAP	WATER					
		Fresh wate	er (CMD):	Not applicable						
		Recycled w Flushing (Not applicable						
		Recycled v Gardening		1.0						
	6×	Swimming make up (Not applicable						
Dry season	Dry season:		Total Water Requirement (CMD)		Not applicable					
			ng - ind water):	Not applicable						
		Fire fighting Overhead tank(CMD	water	Not applicable						
		Excess trea	ated water	Not applica	ble					

appointed Abhay Pimparkar (Secretary SEAC-I)

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		Carres of	A	MIDCTADI	AZA TED						
Wet season:				MIDC TAP WATER							
		Pocycled water		Not applicable							
		Flushing (CMD):		Not applicable							
		Recycled water - Gardening (CMD):		1.0							
		Swimming po make up (Cu		Not applical	ole						
		Total Water Requirement (CMD)		Not applicab	ole						
		Fire fighting Underground tank(CMD):		Not applical	ole						
		Fire fighting - Overhead water tank(CMD):		Not applical	ole						
		Excess treate	ed water	Not applical	ole						
Details of S pool (If any		Not applicable	9								
		33.	.Detail	s of Tota	l water co	nsume	d				
Particula rs	Cons	sumption (CM	D)	Loss (CMD)			Effluent (CMD)				
Water		Proposed Total									
Require ment	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total		
Require	Existing 0.0	Proposed 0.7	Total 0.7	Existing 0.00	Proposed 0.00	Total 0.00	Existing 0.00	Proposed 0.7	Total 0.7		
Require ment								_			
Require ment Domestic Industrial	0.0	0.7	0.7	0.00	0.00	0.00	0.00	0.7	0.7		
Require ment Domestic Industrial	0.0	0.7 0.3	0.7	0.00	0.00	0.00	0.00	0.7	0.7		
Require ment Domestic Industrial	0.0	0.7	0.7 0.3	0.00	0.00	0.00	0.00	0.7	0.7		
Require ment Domestic Industrial	0.0	0.7 0.3 Level of the (water table: Size and no (tank(s) and	0.7 0.3 Ground	0.00 0.00 NA	0.00	0.00	0.00	0.7	0.7		
Require ment Domestic Industrial Process	0.0 0.0	0.7 0.3 Level of the (water table: Size and no (tank(s) and Quantity: Location of t	0.7 0.3 Ground of RWH	0.00 0.00 NA NA	0.00	0.00	0.00	0.7	0.7		
Require ment Domestic Industrial Process	0.0 0.0	0.7 0.3 Level of the (water table: Size and no (tank(s) and Quantity: Location of tank(s): Quantity of r	0.7 0.3 Ground of RWH he RWH	0.00 0.00 NA NA	0.00	0.00	0.00	0.7	0.7		
Require ment Domestic Industrial Process 34.Rain V Harvestin	0.0 0.0	0.7 0.3 Level of the (water table: Size and no (tank(s) and Quantity: Location of tank(s): Quantity of rpits:	0.7 0.3 Ground of RWH he RWH recharge rge pits	0.00 0.00 NA NA NA	0.00	0.00	0.00	0.7	0.7		
Require ment Domestic Industrial Process 34.Rain V Harvestin	0.0 0.0	0.7 0.3 Level of the (water table: Size and no (tank(s) and Quantity: Location of tank(s): Quantity of rpits: Size of rechat: Budgetary al	0.7 0.3 Ground of RWH echarge rge pits location):	0.00 0.00 NA NA NA NA 0.00	0.00	0.00	0.00	0.7	0.7		
Require ment Domestic Industrial Process 34.Rain V Harvestir	0.0 0.0	0.7 0.3 Level of the (water table: Size and no (tank(s) and Quantity: Location of tank(s): Quantity of rpits: Size of rechation: Budgetary al (Capital cost	0.7 0.3 Ground of RWH he RWH recharge rge pits location :	0.00 0.00 NA NA NA NA 0.00 0.00	0.00	0.00	0.00	0.7	0.7		



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		NT-4 1							
35.Storm water drainage		Natural water drainage pattern:		NA					
		Quantity o water:	f storm	NA					
			D:	0.00					
	Source and	Sewage generation in KLD:		NA					
		STP technology:		NA					
Sewage a		Capacity of STP (CMD):		NA					
Waste wa		Location & the STP:	area of	NA					
		Budgetary (Capital co	allocation st):	0.00					
		Budgetary (O & M cos	allocation st):	NA					
	36.Solid waste Management								
Waste gener	ration in	Waste gen	eration:	NA					
the Pre Cons and Constru phase:	e Construction Disposal of construction			NA	00				
		Dry waste:		NA	7				
		Wet waste:		NA					
Waste gen	eration	Hazardous waste:		NA					
in the open Phase:		Biomedical waste (If applicable):		NA					
		STP Sludge (Dry sludge):		NA					
		Others if any:		NA					
		Dry waste:		NA					
		Wet waste:		NA					
16 1 65		Hazardous waste:		NA					
Mode of Door of waste:	ısposaı	Biomedical waste (If applicable):		NA					
		STP Sludge (Dry sludge):		NA					
		Others if a	ny:	NA					
	7	Location(s):	NA					
Area requireme	Area requirement:		e storage other	NA					
		Area for m	achinery:	500.00					
Budgetary a		Capital cos	st:	0					
(Capital cost):	t and	O & M cos	t:	0					
			37.Ef	fluent Charecter	estics				
Serial Number	Paran	neters	Unit	Inlet Effluent Charecterestics	Outlet Effluent Charecterestics	Effluent discharge standards (MPCB)			



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1	N	ΙA	N.	A	N	ΙA		N	ΙA		NA
Amount of 6 (CMD):	mount of effluent generation CMD):			NA							
Capacity of the ETP:			0.00								
Amount of treated effluent recycled :			0.00								
Amount of water send to the CETP:			0.00								
Membershi	p of CETP (i	f require):	NA								
Note on ET	P technology	to be used	NA								
Disposal of	the ETP sluc	lge	NA								
			38	В. Н а	zardous	Waste I)etail	ls			
Serial Number	Description		Ca	nt	UOM	Existing	Prop	osed	Total	Metho	d of Disposal
1	N	ſΑ	N/	A	0	0	0)	0		NA
			3	9.St	acks em	ission D	etails	5		>	
Serial Number	Section & units		Fu	Fuel Used wi Quantity		Stack No.	Heigron gron level	m ind	Internal diameter (m)	Temp	. of Exhaust Gases
1		NITION /ICE	Е	LECT	RICITY	01	30.50		0.30		350
			40).De	tails of F	Fuel to b	e use	d			
Serial Number	Тур	e of Fuel		Existing			Proposed				Total
1		wood			0.00	>	10000				10000
2		gas		0.00			2000				2000
41.Source o	f Fuel		gas coming from rector is refused for the combusion processes . arrengment done while installing plant. $ \\$								
42.Mode of	Transportat	ion of fuel to	site wood is transport from road ways.								
		Total RG a	rea :		NA						
		No of tree :	s to be	cut	NA NA						
43.Gree		Number of be planted			NOT NOW BUT PLINTTING AFTER THE OPERTAION OF UNIT						
Develop	ment	List of pro native tree	es:	NA NA							
Timeline fo completion plantation:			n of NA								
	44.Nu	mber and	d list	of t	rees spe	cies to b	e pla	nte	d in the	ground	l
Serial Number	Name of	the plant	Co	mmo	n Name	Qua			teristics & ecological importance		
1	N	ſΑ		N	A	0.	.00	00 NA			
45	.Total qua	ntity of plar	nts on	groui	nd						
46.Num	ber and	list of s	hrubs	s an	d bushes	species	to b	e pla	anted in	the po	dium RG:
Serial Number		Name			C/C Distance			Area m2			
n or	of the sife								Signa	ture:	<u>\$</u>

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1		NA		0.00				0.00	
				47.Eı					
		Source of p	oower	MSEB ELECTRIC SUPPLY					
		During Cor Phase: (De Load)		NA					
			Power Iring on phase	NA					
Pov	von.	During Operation phase (Control load):		60.0 kVA					
require		During Open phase (Den load):		80.5 kVA	80.5 kVA				
		Transform	er:	60 kVA				Y	
		DG set as Power back-up during operation phase:		80.5 kVA			2		
		Fuel used:		DIESEL					
			of high line passing h the plot if			000			
		48.Ene	rav savi	na by no	n-conven	tion	al meth	oq.	
NA		10.1110	19y 5uvi	g Dy 110					
		49	9.Detail	calculati	ons & %	of s	aving:		
Serial Number	E	nergy Conse	_		10110 01 70	01 0.		Saving %	
1			NA	0					
		50.	Details	of pollut	ion contr	ol S	ystems		
Source	Ex	cisting pollu	tion contro	ol system			Proposed	d to be installed	
Excess Gas Generation In Reactor		C	NA	Auto Ignition Device					
Moisture from oil			NA					ETP	
smoke generated in heating processe	NA Scrubber Desulfurization System						esulfurization System		
Budgetary		Capital cos	it:	180.95					
(Capital O&M		O & M cost	0.00						
	51.Environmental Management plan Budgetary Allocation								
a) Construction phase (with Break-up):									
Serial Number	Attri	butes		meter Total Cost per annum (Rs. In Lacs)					
Signature:									

Abhay Pimparkar (Secretary SEAC-I)

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1	NA NA			A 0.0							
			b) Operat	ion Pl	hase (wi	th Breal	k-up)):			
Serial Number	Comp	onent	Descr	iption	Capi	Capital cost Rs. In Lacs			Operational and Maintenance cost (Rs. in Lacs/yr)		
1	N	NA N		A		0.0			0.0		
51.S	torage	of ch	emicals	(infl	amabl	e/expl	osiv	e/haz	zardou	s/toxic	
	substances)										
Description		Status	Location	n	Storage Capacity in MT	Maximum Quantity of Storage at any point of time in MT	/ Mo	umption onth in MT	Source of Supply	Means of transportation	
N.A	A	NA	NA		0	0		0	NA	NA	
			52.A	ny Ot	her Info	rmation	1				
No Informa	tion Availab	le		J							
			53.	Traffi	c Manag	jement	1				
				NA NA							
		Number basemer	and area of it:	NA		3					
		Number and area of podia:		NA	P						
		Total Parking area:		NA							
		Area per car:		NA							
		Area per car:		NA							
Parking	details:	Number of 2- Wheelers as approved by competent authority:		NA							
			Number of 4- Wheelers as approved by competent authority:		NA						
	5	Public T	ransport:	NA							
		Width of roads (n	f all Internal n):	NA							
			Z clearance f any:	NA							
	Distance from Protected Areas / Critically Polluted			NA							



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Category as per schedule of EIA Notification sheet	NA
Court cases pending if any	NA
Other Relevant Informations	NA
Have you previously submitted Application online on MOEF Website.	No
Date of online submission	-
SEAC DISCUSSION	ON ENVIRONMENTAL ASPECTS

0=:10	
Environmental Impacts of the project	Not Applicable
Water Budget	Not Applicable
Waste Water Treatment	Not Applicable
Drainage pattern of the project	Not Applicable
Ground water parameters	Not Applicable
Solid Waste Management	Not Applicable
Air Quality & Noise Level issues	Not Applicable
Energy Management	Not Applicable
Traffic circulation system and risk assessment	Not Applicable
Landscape Plan	Not Applicable
Disaster management system and risk assessment	Not Applicable
Socioeconomic impact assessment	Not Applicable
Environmental Management Plan	Not Applicable
Any other issues related to environmental sustainability	Not Applicable

Brief information of the project by SEAC

DECISION OF SEAC

PP reamined absent.

Specific Conditions by SEAC:



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FINAL RECOMMENDATION

SEAC-I decided to defer the proposal till PP submits the additional information as per above conditions within 30 days

SEAC-ACIENDA GOODOO 110

appropriess Abhay Pimparkar (Secretary SEAC-I)

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