## **SEAC-1 Meeting**

## SEAC Meeting number: 138 th SEAC-1 Meeting Meeting Date June 1, 2017

#### **Discussion Item:**

Maharashtra State Mining Corporation Limited (Gaurala Limestone Mine)

A reference has been received from Maharashtra Pollution Control Board vide No. BO/JD(Air)/B-30 dated 22.02.2017 regarding seeking opinion for the applicability of Environment Clearance for the proposal as below.

- 1. Maharashtra State Mining Corporation Limited is having open cast mines namely Gaurala Limestone Mine: Part I and Part II over 116.13 Ha and 3.62 Ha respectively.
  - 2. These mines area situated at Gaurala and Somnalal villages in Yavatmal district.
- 3. Dates of grant of Part I lease is 17.04.1984 and first renewed on 12.12.2004 for further period of 20 years (Reference Letter No. MSMC/GLM-MPCB/2017 dated 01.03.2017) and Part II lease is granted on 30.05.2002 for the period of 30 years.
- 4. The General Manager stated to the MPCB that as per EIA notification 2006 the expansion and modernisation of existing project or activities listed in schedule to the notification with addition of capacity beyond the limits specified for concern sector that is projects or activities which cross the threshold limits given in the schedule after expansion or modernisation. In this regard it has been clarified by industry that, there is no expansion for leasehold area and no modernisation.
  - 5. AS per MoEF circular dated 28.10.2004 which states in sub-point (ii) of I as follows

"In addition, all mining projects of the major minerals of more than 5 Ha lease area which have so far not obtained an Environment Clearance under EIA Notification, 1994 shall do so at the time of renewal of their lease"

6. As per MOEF Notification dated 14th September, 2006 which states at para 2 (ii) as follows,

"Expansion and Modernisation of existing projects or activities listed in the Schedule to this Notification with addition of capacity beyond the limits specified for the concerned sector, that is, projects or activities which cross the threshold limits given in the schedule. After expansion or modernisation"

7. As per MoEF circular dated 02<sup>nd</sup> July 2007 which states as follows,

"It is clarified that all such mining projects which did not require Environment Clearance under EIA Notification, 1994 would continue to operate without obtaining Environment Clearance till the mining lease fall due for renewal, if there is no increase in lease area and /or there is no enhancement of production"

In view of above history MPCB requested SEIAA to give its opinion on the applicability of prior Environment Clearance to the above said mines.

SEAC deliberated the issue with the officer of Maharashtra State Mining Corporation Ltd, who presented the case before committee at length and noted following observations.

- 1. As far as part II lese having area 3.62 Ha is concerned the presenting officer informed that the lease is not yet renewed for this mine; Hence SEAC is of the opinion that no prior Environment Clearance is required for this lease under EIA Notification, 2006. But PP to ensure to obtain prior Environment Clearance at the time of renewal of the lease or in case of expansion/modernisation etc. as per EIA Notification, 2006 and amendments thereof.
- 2. As per communication on record with the SEAC from MPCB and MSMCL it is observed that the Part I lease having area of 116.13 Ha granted first lease on 17.04.1984 and first renewed on 12.12.2004. At the time of renewal above mentioned MoEF circular dated 28.10.2004 was in force and applicable to the lease and prim facia it appears that, prior Environment Clearance was necessary at the time of renewal of the lease. The lease holder was expected to obtain prior Environment Clearance. But Thereafter, the Ministry of Environment, Forest and Climate Change, Govt. of India has published EIA Notification, 2006 wherein the mining projects with lease area of 5 Ha and above and less than 50 Ha area are categorized as "B" and dealt by State Expert Appraisal Committee (SEAC) and State Environment Impact Assessment Authority (SEIAA) whereas, the project with lease area of 50 Ha and above area categorized as "A" projects. The category "A" projects area considered and decided at EAC constituted by the Ministry of Environment, Forest and Climate Change.
- In view of above SEAC is of the opinion that, the proposal falls under category "A" as per EIA Notification, 2006 and is in the jurisdiction of EAC constituted by MoEF&CC. MPCB/MSMCL may obtain opinion from EAC, MoEF&CC on the applicability of prior Environment Clearance.

With this remark SEAC refer the proposal to SEIAA for further decision/action.

againess.

Abhay Pimparkar (Secretary

SEAC Meeting No: 138 th SEAC-1 Meeting Meeting Date: June 1, 2017 Page 1 of 130

Signature:
Name: Dr. Umakant Gangataso Dangat
Dr. Umakant Dangat
(Chairman SEAC-1)

## **SEAC-1 Meeting**

SEAC Meeting number: 138 th SEAC-1 Meeting Meeting Date June 1, 2017

**Subject:** Environment Clearance for S Kant Chemicals Private Limited

General Information: Venue: Maharashtra Economic Development Council, Board Room, 3rd Floor, Y.

B. Chavan Centre, Gen. Jagannathrao Bhosale Marg, Near Mantralaya, Mumbai- 400 020.						
1.Name of Project	New project for manufacturing of Active Pharmaceutical ingredients and Bulk Drugs					
2.Type of institution	Private					
3.Name of Project Proponent	Mr. Gaurav Shah					
4.Name of Consultant	Goldfinch Engineering Systems Private Limited					
5.Type of project	Not applicable					
6.New project/expansion in existing project/modernization/diversification in existing project	New project					
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	No					
8.Location of the project	Plot no. W-05, W-06					
9.Taluka	Palghar					
10.Village	Kumbhavli					
11.Area of the project	MIDC					
12 IOD/IOA/O	NA					
12.IOD/IOA/Concession/Plan Approval Number	IOD/IOA/Concession/Plan Approval Number: NA					
FF.	Approved Built-up Area: 336					
13.Note on the initiated work (If applicable)	NA					
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	NA					
15.Total Plot Area (sq. m.)	Not applicable					
16.Deductions	Not applicable					
17.Net Plot area	Not applicable					
10 Program of Publican Area (FOI C	a) FSI area (sq. m.): Not applicable					
18.Proposed Built-up Area (FSI & Non-FSI)	b) Non FSI area (sq. m.): Not applicable					
	c) Total BUA area (sq. m.): Not applicable					
19.Total ground coverage (m2)	Not applicable					
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	Not applicable					
21.Estimated cost of the project	68400000					

22. Number of buildings & its configuration

Serial number	Building Name & number		Number of floors	Height of the building (Mtrs)			
1	N	Not applicable	Not applicable	Not applicable			
2	1	Not applicable	Not applicable	Not applicable			
23.Number of tenants and shops  Not applicable							
24.Number expected r users		Not applicable					
25.Tenant per hectar	density e	Not applicable					
26.Height building(s)	of the )						
station to	the road earest fire	6 m					

appropries Abhay Pimparkar (Secretary SEAC-I)

SEAC Meeting No: 138 th SEAC-1 Meeting Meeting Date: June 1, 2017

Signature: Name: Dr. Umakant Gangatrao Dangat Page 2 of Dr. Umakant Dangat (Chairman SEAC-I)

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

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

and the state of Abhay Pimparkar (Secretary SEAC-I)

SEAC Meeting No: 138 th SEAC-1 Meeting Meeting Date: June 1, 2017

Signature: Page 3 of 130 | Name: Dr. Umakant Gångetreo Dangat (Chairman SEAC-I)

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

33.Details of Total water consumed

	55. Details of Total water consumed									
Particula rs	Consumption (CMD)			I	Loss (CMD)			Effluent (CMD)		
Water Require ment	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total	
Domestic	NA	10	10	NA	2	2	NA	8	8	
Industrial Process	NA	31	31	NA	3	3	NA	28	28	
Cooling tower & thermopa ck	NA	82	82	NA	62	62	NA	20	20	
Gardening	NA	1	1	NA	1	1	NA	NA	NA	
Fresh water requireme nt	NA	124	124	NA	68	68	NA	56	56	



SEAC Meeting No: 138 th SEAC-1 Meeting Meeting Date: June 1, 2017

Signature: Page 4 of 130 | Name: Dr. Umakant Gångetreo Dangat (Chairman SEAC-I)

	Level of the Ground water table:	NA
	Size and no of RWH tank(s) and Quantity:	NA
	Location of the RWH tank(s):	NA
34.Rain Water	Quantity of recharge pits:	NA
Harvesting (RWH)	Size of recharge pits :	NA
	Budgetary allocation (Capital cost) :	NA
	Budgetary allocation (O & M cost):	NA
	Details of UGT tanks if any :	There are two underground tanks: One for Water supply (Capacity- 100 CMD) and One for Fire Hydrant (Capacity- 100 CMD)
	Natural water drainage pattern:	provided by MIDC
35.Storm water drainage	Quantity of storm water:	NA
	Size of SWD:	NA
	Sewage generation in KLD:	8
	STP technology:	NA
Sawaga and	Capacity of STP (CMD):	NA
Sewage and Waste water	Location & area of the STP:	NA
	Budgetary allocation (Capital cost):	NA
	Budgetary allocation (O & M cost):	NA .
	36.Soli	d waste Management
Waste generation in	Waste generation:	NA .
the Pre Construction and Construction phase:	Disposal of the construction waste debris:	NA
	Dry waste:	Discarded containers / Barrels/ Liners contaminated with hazardous chemicals / waste
	Wet waste:	Chemical sludge from waste water treatment, Process waste sludge/ residue, Spent carbon from Process, Spent carbon from ETP
Waște generation	Hazardous waste:	250.5 MT/M
in the operation Phase:	Biomedical waste (If applicable):	NA NA
	STP Sludge (Dry sludge):	NA
	Others if any:	NA



Signature: Page 5 of 130 | Name: Dr. Umakant Gångetreo Dangat (Chairman SEAC-I)

		Dry wasta		Downstream	n Hear					
Dry waste: Wet waste:			MWML	ii Oset						
	Hazardous w			MWML						
Mode of Disposal of waste:  Biomedica applicable		l waste (If	NA							
		STP Sludg sludge):	e (Dry	NA						
		Others if a	ny:	NA						
		Location(s	):	(Boiler, Coo	oling Tower),	, Area used f , Admin Build ea, Green be	ding (Office,	ict Storage, Utility area Security cabin), ing area		
Area requirem	ent:	Area for the of waste & material:	e storage other	369 m2						
		Area for m	achinery:	336 m2				6		
Budgetary	allocation	Capital cos	st:	55600000				()		
(Capital co O&M cost)	st and :	O & M cos	t:	20000000						
,			37.Ef	fluent C	harecter	estics		3		
Serial Number	Paran	neters	Unit		affluent erestics		Effluent erestics	Effluent discharge standards (MPCB)		
1	p		NA		-9		-8	6.5 -9.0		
2	TS	SS	mg/l	300	-350		-80	below 100		
3		)D	mg/l		-6000		-240	below 250		
4	ВС		mg/l		-3000	80-90		below 100		
5		OS .	mg/l		-2100	1600-1900 5-6		below 2100		
6		xG t:	mg/l	20	-25	below 10				
Amount of effluent generation (CMD): 56										
Capacity of the ETP: 65										
recycled:	reated efflue		NA							
	vater send to		56							
	o of CETP (if	<u> </u>	Yes	Socondary Tortiony						
-		to be used	_	, Secondary, Tertiary						
Disposal of	the ETP slud	ige	MWML		Mast. D	\				
6			38.Ha		Waste D	etalis				
Serial Number		iption	Cat	UOM	Existing	Proposed	Total	Method of Disposal		
1	waste wate	ludge from r treatment	34.3	MT/M	NA	6	6	MWML		
2	resi		26.1	MT/M	NA	240	240	MWML		
3	Spent car Prod	rbon from cess	28.8	MT/M	NA	1.5	1.5	MWML		
4	Spent car E7	rbon from ГР	35.3	MT/M	NA	3	3	MWML		
5	Discarded containers / Barrels/ Liners contaminated with hazardous chemicals / waste		Nos. NA		50 50		Downstream User			
			39.St	acks em	ission D	etails				
Serial Number	Section	& units	Fuel Us Qua	ed with ntity	Stack No.	Height from ground level (m)	Internal diameter (m)	Temp. of Exhaust Gases		







					_					
1		of 1 TPH ular)			stack no. 1, combined stack for both boilers 30		30	0.6	200°C	
2		2 of 1 TPH adby)	LDO, 12	248 kg/day	stacl 1 comb stacl bo boil	oined k for th	30	0.6	200°C	
3	one DG set	of 200 KVA		40 kg/day	2		3.5m above enclosure	0.15	150°C	
			40.D	etails of I	Tuel	to be	e used			
Serial Number	Тур	e of Fuel		Existing			Proposed		Total	
1		LDO		NA			1248 kg/day		1248 kg/day	
2		HSD		NA			840 kg/day		840 kg/day	
41.Source	of Fuel		Loca	al Market						
42.Mode of	Transportat	ion of fuel to	site By r	By road						
		Total RG a	rea :	170						
		No of trees	s to be cut	NA			0			
43.Gree Develop	n Belt	Number of be planted		30		C				
Develop	ment	List of propagities	posed es :	10						
		Timeline for completion plantation	ı of	6 months a	fter gr	ant of	EC			
	44.Nu	mber and	l list of	trees spe	cies	to b	e plante	d in the g	ground	
Serial Number	Name of	the plant	Comm	on Name		Qua	ntity	Characte	eristics & ecological importance	
1	Ficus r	eligiosa	Pi	mpal		7	7	Dust resis	stant and local variety	
2	Polyalthia	longifolia	False	Ashok			3	Sound ba	rrier and local variety	
3	Azardirac	hta indica	N	eem		8	3	Dust resista	ant and medicinal value	
4	Anthos cada	ephalus amba	damb		7	7	Dust bar	rier and local variety		
		ntity of plan								
<b>46.Nun</b>	nber and	list of sl	rubs a	nd bushes	s spe	cies	to be pla	anted in	the podium RG:	
Serial Number		Name		C/C Dista	ance			Area	n m2	
		NA	NA	. NA				Γ Α		

47.Energy

Abhay Pimparkar (Secretary SEAC-I)

SEAC Meeting No: 138 th SEAC-1 Meeting Meeting Date: June 1, 2017 Page 7 of 130 (Chairman SEAC-I)

		C							
		Source of supply:	power	MSEDCI					
		During Co Phase: (De Load)	nstruction emand	200 kW					
		DG set as back-up di constructi	urina	NA					
_		During Op phase (Cor load):	eration nnected	250 kW					
Pov require		During Opphase (Defload):	eration mand	200 kW					
		Transform	er:	500 KVA					
		DG set as back-up do operation	uring	200 KVA					
		Fuel used:		HSD					
		Details of tension lin through thany:	e passing	NA			20		
			ergy savi	ng by n	on-co	vention	al method:		
NA			33	<u> </u>					
		4	9.Detail	calcula	tions	& % of sa	ving:		
Serial Number	E		ervation Mo			0	Saviı	ng %	
1			NA				N	A	
		50	.Details	of pollu	ution c	ontrol Sy	stems		
Source	Ex		tion contro	_	N		Proposed to	be installe	ed
Boiler 1			NA	combined stack					
Boiler 2			NA	combined stack					
Budgetary (Capital O&M	allocation cost and cost):	Capital cos		NA NA					
51	•				ent i	ılan Rıı	dgetary	Alloca	tion
<b>J1</b>	·TIIVII		Construc					1111000	1011
Serial	Attril			meter	11436 (1		ost per annur	n (Rs. In I	acs)
Number						101111		(1.0. III L	400)
1	N			A Dh	200 (	th Dece !	NA NA		
Comici			) Operat			th Break tal cost Rs.		ional and '	Maintanassa
Serial Number	Comp	onent	Descr	iption	Сар	Lacs		st (Rs. in	Maintenance Lacs/yr)
1		nck		pertion		13		2.5	
51.S	torage	of che	micals	(infla	mab tance	e/explo es)	sive/haz	ardou	s/toxic
						Maximum Quantity			
Descr	iption	Status Locati		ion	Storage Capacity in MT	of	Consumption / Month in MT	Source of Supply	Means of transportation
	oaniline	Liquid	Carbo	оу	3	2.5	2.03	Local	Tempo
Et. ethoxymethy	hyl lenemalonate	Liquid	Carbo	ру	4	3.8	3.66	Local	Tempo
	ydroxide	Solid	Drun	n	20	19	18.88	Local	Tempo
Phosphorus	oxychloride	Liquid	Carbo	ру	8	7.5	7.12	Local	Tempo



Signature: Page 8 of 130 | Name: Dr. Umakant Gångetreo Dangat (Chairman SEAC-I)

IPA	Liquid Liquid	Tank	105	100	99.97	Local	Tanker	
Acetic acid	Liquid	Carboy	8	7.8	7.80	Local	Tempo	
Acetone	Liquid	Tank	40	38	36.82	Local	Tanker	
Triethylamine	Liquid	Carboy	1	0.5	0.182	Local	Tempo	
Acetonitrile	Liquid	Tank	40	38	35.46	Local	Tanker	
Ethyl acetate	Liquid	Carboy	8	7.5	7.33	Local	Tempo	
Cyclohexane	Liquid	Carboy	4	3.8	3.64	Local	Tempo	
MDC	Liquid	Tank	105	102	101.04	Local	Tanker	
Toluene	Liquid	Tank	140	136	135.302	Local	Tanker	
Piperidine	Liquid	Carboy	0.2	0.1	0.039	Local	Tempo	
Hexane	Liquid	Tank	3	2.5	2.44	Local	Tanker	
Sodium Methoxide	Solid	Drum	2	1.5	1.066	Local	Tempo	
p-toluene sulfonyl area	Solid	Drum	3	2.8	2.78	Local	Tempo	
DMF	Liquid	Tank	12	11.5	11.02	Local	Tanker	
THF	Liquid	Drum	12	11.5	11.18	Local	Tempo	
Phosphoric acid	Liquid	Carboy	0.2	0.1	0.884	Local	Tempo	
Sodium Azide	Solid	Drum	2	1.5	1.53	Local	Tempo	
TEA. HCL	Solid	Drum	5	4.5	4.24	Local	Tempo	
Di-N-butyl amine	Liquid	Carboy	1.5	1	0.91	Local	Tempo	
Boric Acid	Solid	Drum	0.5	0.3	0.29	Local	Tempo	
Guanidine HCL	Solid	Drum	1.51	1	0.884	Local	Tempo	
DCMP	Solid	Drum	2	1.8	1.79	Local	Tempo	
Pd/c	Liquid	Drum	0.3	0.2	0.156	Local	Tempo	
HCL	Liquid	Carboy	100	95	92.351	Local	Tempo	
		52.Any O	ther Info	rmation				
To Information Available								

53.Traffic Management					
	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			
5	Number of 4- Wheelers as approved by competent authority:	NA			
	<b>Public Transport:</b>	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
Category as per schedule of EIA Notification sheet	5f (B1)
Court cases pending if any	NA
Other Relevant Informations	NA
Have you previously submitted Application online on MOEF Website.	Yes
Date of online submission	02-01-2017

information of the project by SEAC

Earlier PP submitted their application for grant of TOR to the MoEF&CC; EAC granted the TOR vide letter No. J-11011/2/2017-IA.II(I) dated 29th April, 2017.

PP submitted their application for the grant of TOR under category 5(f)B1 as per EIA Notification, 2006. PP presented draftTOR 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 provision as per para 7 III Stage (3) (b) of the EIA Notification, 2006.

Draft Terms of Reference (TOR) have been discussed and finalized during 138th meeting of SEAC-1. The committee prescribed the following additional TOR along with Standard TOR as available on the Ministry of Environment, Forest and Climate Change website for preparation of EIA-EMP report.

#### **Specific Conditions by SEAC:**

- 1) PP to ensure the stability of existing manufacturing structures/buildings and submit copies of their structural stability certificates.
- 2) PP to include history of the transfer of their plot in the EIA reprot.
  3) PP to submit an affidavit for achieving Zero Liquid Discharge and not discharging any additional load on CETP or in any other source out side the limits of factory premises.
- 4) PP to carry out impurity profiling of the products to be manufactured to avoid any unforeseen incident.
- 5) PP to include their plan for container decontamination , treatment and disposal of waste water generated from this activity.
- 6) PP to ensure the exit gas temperature from DG set Stack and Boiler Stack under prescribed limits and submit details. 7) HAZOP study shall be carried out for all the processes together as well as processes involving production of specific
- 8) PP to submit details of generation of Hazardous and non hazardous waste generation their collection, treatment and disposal plan and include the same in EIA report.
- 9) 5 m wide green belt (in view of plot area) around the periphery to be developed.

### 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.



SEAC Meeting No: 138 th SEAC-1 Meeting Meeting Date: June 1, 2017

Page 10 of 130

Signature: Name: Dr. Umakant Gangatrao Dangat Dr. Umakant Dangat (Chairman SEAC-I)

#### **SEAC-1 Meeting SEAC Meeting number:** 138 th SEAC-1 Meeting **Meeting Date** June 1, 2017 Subject: Environment Clearance for Proposed Green Field POL Terminal by M/s BPCL **General Information:** Venue: Maharashtra Economic Development Council, Board Room, 3rd Floor, Y. B. Chavan Centre, Gen. Jagannathrao Bhosale Marg, Near Mantralaya, Mumbai- 400 020. 1.Name of Project Proposed Green Field POL Terminal by M/s BPCL 2. Type of institution TOR 3.Name of Project Proponent M/s Bharat Petroleum Corporation Limited 4. Name of Consultant ULTRA-TECH (Environmental Consultancy and Laboratory) Industrial Project Categorised as 6(b) as per EIA Notification 2006 and its further amendments 5. Type of project 6. New project/expansion in existing project/modernization/diversification in existing project New 7.If expansion/diversification, whether environmental clearance NA has been obtained for existing 8.Location of the project Survey No.1 9.Taluka Haveli 10.Village Tarde 11.Area of the project Pune Metropolitan Regional Development Authority (PMRDA) We are PESO approved 12.IOD/IOA/Concession/Plan Approval Number IOD/IOA/Concession/Plan Approval Number: We are PESO approved Approved Built-up Area: 13. Note on the initiated work (If NA applicable) 14.LOI / NOC / IOD from MHADA/ NA Other approvals (If applicable) 27.5 hectares 15. Total Plot Area (sq. m.) NA 16.Deductions 17.Net Plot area 27.5 hectares a) FSI area (sq. m.): NA 18.Proposed Built-up Area (FSI & b) Non FSI area (sq. m.): NA Non-FSI) c) Total BUA area (sq. m.): NA 19. Total ground coverage (m2) NA 20.Ground-coverage Percentage (%) (Note: Percentage of plot not open NA 21.Estimated cost of the project 2670000000 22. Number of buildings & its configuration **Serial Building Name & number** Number of floors Height of the building (Mtrs) number As per plan approved by PESO As per plan approved by PESO As per plan approved by PESO 23. Number of Not applicable tenants and shops 24. Number of expected residents NA users 25.Tenant density NA per hectare 26. Height of the building(s) 27.Right of way (Width of the road 6m wide road from the nearest fire station to the proposed building(s)

Abhay Pimparkar (Secretary SEAC-I)

SEAC Meeting No: 138 th SEAC-1 Meeting Meeting Date: June 1, 2017 Page 11 Di

Signature:
Name: Dr. Umakant Gangatzo Dangat
Dr. Umakant Dangat
(Chairman SEAC-I)

28.Turning for easy actification for easy actification for the plant around the excluding the for the plant around the excluding the for the plant around the p	from all building the width ntation  g s) if any of the with f	12m NA NA							
			31.P	roduct	ion Details				
Serial Number	Pro	duct	Existing	(MT/M)	Proposed (MT/M)	Total (MT/M)			
1	Etha	anol	(	)	2 X 1348	2696			
2	Motor	spirit	(	)	8 X 5429	43432			
3	High spe	ed diesel	(	)	8 X 7148	57184			
4	Biod	iesel	(	)	2 x1348	2696			
5	Sk	<b>(</b> 0	(	)	2 X 846	1692			
6	SL	OP	(	)	1 no. 100	100			
7	HS	SD	(	)	1 no.20 and 1 no. 100	120			
8	Sk	(0	(	)	1 no. 100	100			
9	A7	ΓF	(	)	4 x 3359	13436			
		3	2.Tota	l Wate	r <b>Requiremen</b>	t			
		Source of	water	Local body					
		Fresh water	er (CMD):	20					
		Recycled v Flushing (	vater - CMD):	12					
		Recycled v Gardening	vater - (CMD):	30					
		Swimming make up (	pool Cum):	0					
Dry season	1:	Total Wate Requireme	ent (CMD)	62					
		Fire fighting Undergroutank(CMD	nd water	0					
		Fire fighting Overhead tank(CMD	water	12000					

**Excess treated water** 0

		0 0	_								
		Source of wa		Local body							
		Fresh water		20							
		Recycled wat Flushing (CM	er - ID):	12							
		Recycled wat Gardening (C	er - CMD):	0							
		Swimming po make up (Cu	ool m):	0							
Wet season	1:	Total Water Requirement :	(CMD)	32							
		Fire fighting Underground tank(CMD):	- l water	r 0							
		Fire fighting Overhead wa tank(CMD):	- ter	12000							
		Excess treate	ed water	0							
Details of S	Swimming v)	Not applicable	)								
1	,	33	.Detail	s of Total	water co	nsume					
Particula rs	Cons	umption (CM			oss (CMD)			fluent (CMD)			
Water Require ment	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total		
Fresh water requireme nt	0	20	20	0	2	2	0	18	18		
Industrial Process	0	10	10	0	10	10	0	0	0		
Domestic	0	10	10	0	2	2	0	8	8		
Gardening	0	10	10	0	0	0	0	0	0		
			.4								
		Level of the water table:	Ground	6 To 10m							
		Size and no (tank(s) and Quantity:	of RWH	NA							
		Location of t tank(s):	he RWH	NA							
34.Rain V Harvestir	Vater	Quantity of r	echarge	NA							
(RWH)	-9	Size of recha	rge pits	NA							
	CY	Budgetary al (Capital cost	location ) :	NA							
		Budgetary al (O & M cost)	location	NA							
		Details of UC if any:		Undergroun 100M3 AND	d Storage tank SLOP 20M3	s are pro	vided HSD -1	00M3, SJO 100	)M3, MS		
		Natural wate drainage pat		North To South							
35.Storm drainage	water	Quantity of s water:		NA							
		Size of SWD:		As needed							



Page 13 of 130 Signature: Dr. Umakant Gangetreo Dangat (Chairman SEAC-I)

		Sewage ge in KLD:	neration	5						
		STP techno	ology:	Septic Tank followed by	Soak Pit					
		Capacity o (CMD):		NA						
Sewage Waste w	and vater	Location & the STP:	area of	As per layout						
		Budgetary (Capital co	allocation st):	5Lacs						
		Budgetary (O & M cos	allocation st):	1 lac						
		- 3	86.Soli	d waste Mana	gement					
Waste gen	eration in	Waste gen		23 kd/day						
the Pre Co and Constr phase:	nstruction	Disposal o constructi debris:	f the on waste	used within premises		3				
		Dry waste:		167 kg/day						
		Wet waste	}	7 kg/day						
Waste de	neration	Hazardous	waste:	5 MT/year						
Waste ge in the op Phase:	eration	Biomedica applicable		NA						
		STP Sludg sludge):	e (Dry	used as manure						
		Others if a	ny:	NA						
		Dry waste:		Sent to authorized contractor						
	Wet wastes			Treated in composting n						
Mode of Disposal R: 1				Sent to authorized contr	actor					
of waste:	аррисавие		<b>)</b> :	Not applicable						
		STP Sludg sludge):		Used as manure						
		Others if a		Sent to authorized contr	ractor					
		Location(s		10m2						
Area requirem	ent:	Area for the of waste & material:		5m2						
		Area for m	achinery:	5m2						
Budgetary	allocation	Capital cos	st:	7Lacs						
(Capital co O&M cost)	ost and :	O & M cos	t:	1.5lacs						
,			37.Ef	fluent Charectere	estics					
Serial Number	Paran	neters	Unit	Inlet Effluent Charecterestics	Outlet Effluent Charecterestics	Effluent discharge standards (MPCB)				
1	P	H	-	5.5 to 7.5	7.5 to 8	7.5 to 8				
2	T	SS	mg/lit	100	<100	<100				
3	ВС	)D	mg/lit	500	<100	<100				
4	CC	OD	mg/lit							
5		OS	mg/lit	400	<200	<200				
6		grease	mg/lit	20	<10	<10				
(CMD):	effluent gene	eration	8							
Capacity of			Oil Water S	Separator of 55 m3/hr						
recycled:	reated efflue			ered from OWS						
	water send to		NA							
Membershi	p of CETP (if	require):	NA							



Page 14 of 130 Signature:

Name: Dr. Umakant Gangetreo Dangat

Or. Umakant Dangat

(Chairman SEAC-I)

Note on ET	P technology	y to be used	Oil W	ater S	Seperator					
	the ETP sluc	<u>'</u>			nt to CHWT	SDF				
			3	8.Ha	zardous	Was	te D	etails		
Serial Number	Descr	ription	С	at	UOM	Exist	ing	Proposed	Total	Method of Disposal
1	Oil wate	er sludeg	34	1.3	MT	0		5 MT/ year	5 MT/ year	CHWTSDF/Bio remediation
			3	39.St	tacks em	issio	n De	etails		
Serial Number	Section	& units	F		sed with ntity	Stack	No.	Height from ground level (m)	Internal diameter (m)	Temp. of Exhaust Gases
1	Attached	to DG set	Ι	Diesel :	240 L/D	1		5.5 ABOVE ROOP	0.3	160
			4	0.De	tails of l	Fuel t	o be	e used		$\sim$
Serial Number	Туг	e of Fuel	Existing Proposed							Total
1		HSD			0			240		240
41.Source o	71 1 1101				orized suppl	ier			0	
42.Mode of	Transportat	ion of fuel to	site	By ro	ad					
		_			I					
		Total RG a			22.83 acre					
		No of trees	s to b	e cut	NA					
43.Gree Develop	f trees	s to	700							
Develop	ment	List of pro		l	List as per	native	specie	es		
		Timeline for completion plantation	n of		by upcomin	ng 5 yea	ırs			
	44.Nu	mber and	l list	oft	rees spe	cies	to b	e plante	d in the	ground
Serial Number		the plant			n Name		Qua		Characte	eristics & ecological importance
1	Mangife	ra indica		Ma	ngo		5	0	Fruit be	aring evergreen tree
2	Deloni	x regia		Guln	nohar		20	00	Flower b	earing deciduous tree
3		i saman	>>		tree		5	0		earing deciduous tree
4		ta indica			em			00		earing deciduous tree
5		ria alba			afa		1			earing deciduous tree
6		nucifera			ıral		2			aring evergreen tree
7		onia			tvin		5			vergreen tree
9		fistula			Bhava 2 Ashok 2		5		earing deciduous tree vergreen tree	
10	Ficu ber	longifolia			nok ad		2			vergreen tree aring evergreen tree
		ntity of plan	its on					U	rruit be	army evergreen nee
						s eno	rios	to be nl	antad in	the podium RG
Serial Number		Name	iii ui)	3 all	C/C Dista		0162	to ne hi		m2
MINEL					274					
1		NA			NA				N	A

Abhay Pimparkar (Secretary SEAC-I)

SEAC Meeting No: 138 th SEAC-1 Meeting Meeting Date: June 1, 2017 Page 15
of 130
Signature: Dr. Umakant Gangetree Dangat
Dr. Umakant Dangat
(Chairman SEAC-I)

		Source of supply:	f power	Mahara	ashtra Sta	te Electricity	Distrib	oution C	o. Ltd (MSE	DCL)
		During Control Phase: (Discoul)	onstruction Demand	33/22K Board	V, HT Inc	oming supply	will be	source	d from State	Electricity
		DG set as back-up o construct		1x750	KVA					
_		During O phase (Co load):	peration onnected	same a	s above					
require	wer ement:	During O phase (De load):	peration emand	same a	s above					
		Transform	mer:	NA						
		DG set as back-up o operation	during	1x750	KVA					)
		Fuel used	 l:	HSD						
			f high ine passing the plot if	NA						
		48.En	ergy savi	ng by	non-co	nvention	al m	ethod	l:	
Not applica	ble		99 34-12	<u>J</u> J						
			19.Detail	calcul	lations	& % of s	avino	<u>[:</u>		
Serial Number	]		servation Me						ing %	
1			NA	NA						
		5(	0.Details	of pol	lution	control S	vster	ns		
Source	E		ution contro						be installe	ed
Air		No	t applicable			Adequate	Stack	height v	vill be provid	ded for DG set
waste water			t applicable		<b>)</b>	Oil Water	Separat	tor willb	e provide, S	ewage Treated
Noise		No	t applicable	Acoustic enclosure will be provided for DG sets,						
Budgetary	allocation	Capital co	ost:	NA						
O&M	cost and cost):	0 & M co	st:	NA						
51	.Envir	onmen	tal Mar	age	ment	nlan Bı	ıdae	etary	Alloca	ation
	· · · · · · · · · · · · · · · · · · ·		Construc							
Serial	Atta			neter		`		. /	m (Do In I	200)
Number		ibutes	Parai	петег		10tal (	cost pe	er ammu	ım (Rs. In I	acs)
1	envir	diture of conment gement	Air, water Lab		&		As p	per requ	irment	
			b) Operat	ion Pl	nase (w	ith Brea	k-up)	):		
Serial Number	Com	ponent	Descr			pital cost Rs Lacs		Opera	tional and cost (Rs. in	Maintenance Lacs/yr)
1	envir	diture of conment gement	Environme	ent asoeo	cts As	per requirm	ent		As per requ	nirment
51.S	torage	e of che	emicals	(infl sub	amab stanc	le/expl	osiv	e/ha	zardou	s/toxic
	Description Status Location				Storage Capacity in MT	Maximum Quantity of	Consu / Mo	imption inth in MT	Source of Supply	Means of transportation
Signature:										

Abhay Pimparkar (Secretary SEAC-I)

SEAC Meeting No: 138 th SEAC-1 Meeting Meeting Date: June 1, 2017

Page 16
of 130
Name: Dr. Umakant Gangatrae Dangat
(Chairman SEAC-I)

						Δ.						
Ethanol	Proposed	As per laye	out	2X1365	2730KL	As per requirement	-	By rail				
Motor spirit	Proposed	As per lay	out	3X5500	1650D	As per requirement	-	By rail				
Hihgh speed diesel	Proposed	As per lay	out	3X7250	21750	As per requirement	-	By rail				
Biodiesel	Proposed	As per lay	out	2x1365	2730	As per requirement	-	By rail				
SKO	Proposed	As per lay	out	2X85B	1716	As per requirement	-	By rail				
SLOP	Proposed	As per lay	out	1no. 10010	10010	As per requirement	-	By rail				
Hihgh speed diesel	Proposed	As per lay	out	1no.20 Btrd 1no. 100KL	120	As per requirement	-	By rail				
SKO	Proposed	As per lay	out	1no. 100	10010.	As per requirement	-	By rail				
		52.A	ny Ot	her Info	rmation	1		)				
No Information Availal	ble											
		53.	Traffi	c Manag	jement							
	Nos. of the junction to the main road & design of confluence:  Number and area of					00						
	Number basemer		NA									
	Number podia:	and area of	NA	NA								
	Total Pa	rking area:	7000m	2								
	Area per car:		NA									
	Area per	r car:	NA									
Parking details:	Number Wheeler approve compete authorit	rs as d by ent	NA									
	Number Wheeler approve compete authorit	of 4- es as d by	NA									
		ransport:	NA									
		f all Internal	6m									
	CRZ/ RR obtain, i	Z clearance f any:	NA									
6	Criticall areas / I	ed Areas / y Polluted Eco-sensitive iter-State	NA									
	Categor schedule Notifica	y as per e of EIA tion sheet	Industr	rial Project (	Categorised	as 6(b) as per	EIA Notifica	ation 2006				
	Court ca	ses pending	ding <sub>NA</sub>									
	Other R Informa		There is POL Do produc	epot shall be	acturing pro e handling a	ocess involved in and storing vari	n the Depot ous finished	. The Rail Fed petroleum				
	submitte Applicat	u previously ed ion online F Website.	No									







Date of online submission

# Brief information of the project by SEAC

PP submitted their application for the grant of TOR under category 6(b)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 activity is not located in the notified industrial area/estate (MIDC), PP to carry out Public Hearing/Consultation as per EIA Notification, 2006 and submit compliance reprot of the issues raised during the Public Hearing/Consultation.

# **DECISION OF SEAC**

Draft Terms of Reference (TOR) have been discussed and finalized during 138th meeting of SEAC-1. The committee prescribed the following additional TOR along with Standard TOR as available on the Ministry of Environment, Forest and Climate Change website for preparation of EIA-EMP report.

### **Specific Conditions by SEAC:**

1) PP to specifically include details of water source for their use like domestic purpose, fire fighting, industrial use etc. along with quantities; PP also to submit copies of permissions/NOC obtained for getting required water quantity from competent authority.

2) PP to submit copies of On Site and Off Site Emergency Preparedness Plan duly accepted by competent authority.

3) PP to include detailed water balance chart in EIA report along with quantities of waste water generation and its

dísposal.

4) PP proposes only oil and grease chamber for waste water treatment where as PP also proposes to store water soluble materiel like ethanol; PP to submit their plan for the treatment of waste water contaminated by water soluble chemicals like ethanol etc.

5) PP to include separate chapter on reeving, loading, unloading, storage of all the materials to be handled in the EIA report along with risk assessment and contingency plan.

## 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.

Abhay Pimparkar (Secretary

SEAC-I)

SEAC Meeting No: 138 th SEAC-1 Meeting Meeting Date: June 1, 2017 Page 18 of 130 Signature:
Name: Dr. Umakant Gangetreo Dangat

Dr. Umakant Dangat

(Chairman SEAC-I)

#### SEAC-1 Meeting **SEAC Meeting number:** 138 th SEAC-1 Meeting **Meeting Date** June 1, 2017 Subject: Environment Clearance for Storage Capacity expansion of LPG Bottling plant Chandrapur (2x500 MT MSV) **General Information:** Venue: Maharashtra Economic Development Council, Board Room, 3rd Floor, Y. B. Chavan Centre, Gen. Jagannathrao Bhosale Marg, Near Mantralaya, Mumbai- 400 020. Storage Capacity expansion of LPG Bottling plant Chandrapur . (2 x 500 MT Mounded storage vessel) 1.Name of Project 2. Type of institution Government 3.Name of Project Proponent Hindustan Petroleum Corporation Limited, Chandrapur 4. Name of Consultant Anacon Laboratories Private Limited, Nagpur 5. Type of project Not applicable 6.New project/expansion in existing project/modernization/diversification in existing project Expansion in Existing Project. existing capacity: 570 MT, Proposed capacity: 2x500 MT MSV. 7.If expansion/diversification, whether environmental clearance has been obtained for existing Not Applicable as existing plant does not fall in the purview of EIA Notification B-32.33 8.Location of the project 9.Taluka Chandrapur 10.Village Chichala MIDC Chandrapur 11.Area of the project Not Applicable 12.IOD/IOA/Concession/Plan IOD/IOA/Concession/Plan Approval Number: Not Applicable Approval Number Approved Built-up Area: 31.67 13.Note on the initiated work (If applicable) Construction Work not Started yet 14.LOI / NOC / IOD from MHADA/ Not Applicable Other approvals (If applicable) 15. Total Plot Area (sq. m.) Not Applicable 16.Deductions Not applicable 17.Net Plot area Not applicable a) FSI area (sq. m.): Not applicable 18.Proposed Built-up Area (FSI & Non-FSI) b) Non FSI area (sq. m.): Not applicable c) Total BUA area (sq. m.): Not applicable Not applicable 19.Total ground coverage (m2) 20.Ground-coverage Percentage (%) (Note: Percentage of plot not open Not applicable to sky) 21.Estimated cost of the project 160000000 22.Number of buildings & its configuration Serial **Building Name & number** Height of the building (Mtrs) **Number of floors** number Not applicable Not applicable Not applicable 23. Number of Not applicable tenants and shops 24. Number of expected residents / Not applicable 25.Tenant density Not applicable per hectare 26. Height of the building(s) 27.Right of way (Width of the road from the nearest fire Not applicable station to the proposed building(s)

appendict Abhay Pimparkar (Secretary SEAC-I)

SEAC Meeting No: 138 th SEAC-1 Meeting Meeting Date: June 1, 2017

Page 19 of 130

Signature: Name: Dr. Umakant Gangatrao Dangat Dr. Umakant Dangat (Chairman SEAC-I)

28.Turning for easy ac fire tender movement around the excluding t	cess of from all building	Not applica	ble						
29.Existing structure (	s) if any	Not applica	ble						
30.Details demolition disposal (It applicable)	with f	Not applica	ble						
			31.P	roduct	ion Details				
Serial Number	Pro	duct	Existing		Proposed (MT/M)	Total (MT/M)			
1	LF	PG .	570 MT 1000 MT 1570 MT						
		3	2.Tota	l Wate	r Requiremen	t			
		Source of v		MIDC, Char					
		Fresh wate	er (CMD):	Not applica					
		Recycled w Flushing (	vater - CMD):	Not applica	ble	0			
		Recycled w Gardening	vater - (CMD):	Not applica	ble				
		Swimming make up (	pool Cum):	Not applica	ble				
Dry season	- -	Total Wate Requireme		Not applica	ble				
		Fire fightin Undergrou tank(CMD)	nd water	Not applica	ble				
		Fire fighting - Overhead water tank(CMD):		Not applica	ble				
		Excess trea	ated water	Not applica	ble				
		Source of v	water	MIDC, Char					
		Fresh wate	er (CMD):	Not applica	ble				
		Recycled w Flushing (	vater - CMD):	Not applica					
		Recycled w Gardening		Not applica	ble				
		Swimming make up (	Cum):	Not applica	ble				
Wet seasor	ı:	Total Wate Requireme :		Not applica	ble				
	<b>5</b> <sup>y</sup>	Fire fighting Undergroutank(CMD)	nd water	Not applica	ble				
		Fire fighting Overhead value tank(CMD)	water	Not applicable					
		Excess trea	ated water	Not applica	ble				
Details of S pool (If any	Swimming y)	Not applica	ble						
		3	3.Detail	s of Tota	l water consume	d			
Particula rs	Cons	sumption (C	MD)	j	Loss (CMD)	Effluent (CMD)			



Page 20 of 130 Signature: Dr. Umakant Gangeareo Dangar (Chairman SEAC-I)

Water Require ment	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total			
Domestic	15	0	15	5	0	5	10	0	10			
		Level of the ( water table:	Ground	Details study	y will be Provi	ded in EIA	Report					
		Size and no o tank(s) and Quantity:	of RWH	Details study	y will be Provid	ded in EIA	Report					
		Location of the tank(s):	he RWH	Details study	y will be Provi	ded in EIA	Report					
34.Rain V Harvestir		Quantity of repits:	echarge	Details study	y will be Provi	ded in EIA	Report					
(RWH)		Size of recha:	rge pits	Details study	y will be Provi	ded in EIA	Report	4				
		Budgetary al (Capital cost	location ) :	Details study	y will be Provi	ded in EIA	Report	0				
		Budgetary al (O & M cost)		Details study	y will be Provi	ded in EIA	Report					
		Details of UG if any:	T tanks	Not applical	ole		0					
<b>0=</b> 0.		Natural wate drainage pat		Details study	y will be Provi	ded in EIA	Report					
35.Storm drainage	water	Quantity of s water:	torm	Details study will be Provided in EIA Report  Details study will be Provided in EIA Report  Details study will be Provided in EIA Report								
		Size of SWD:		Details study	y will be Provi	ded in EIA	Report					
		Sewage gene in KLD:	ration	Details study will be I Tovided in EIA Report								
		STP technolo	-	Details study will be Provided in EIA Report								
Sowage	and	Capacity of S (CMD):	TP	Not Applical	ble							
Sewage Waste w	ater	Location & and the STP:		Not Applical	ble							
		Budgetary al (Capital cost	):	Not Applical	ble							
		Budgetary al (O & M cost)		Not Applical								
		36	Soli	<u>d waste</u>	Manage	emen	<u>t                                      </u>					
Waste gen	eration in	Waste genera	ation:		n waste , Dome		, 3		ed oil.			
the Pre Co and Constr phase:	nstruction	Disposal of the construction debris:		gardening w	ction waste wi vaste will be us n machinery wi vecyclers.	ed for cor	npostina. use	ed oil generate	d from sold to			
		Dry waste:		Office waste	and Garden w	aste						
		Wet waste:		Domestic wa	aste							
Waste ge	neration	Hazardous w	aste:	Paint residu	e and used/spe	ent oil						
in the ope Phase:	eration	Biomedical wapplicable):	aste (If	Not applical	ole							
		STP Sludge (sludge):	Dry	Not Applical	ble							
		Others if any	•	Not Applical	ble							



Page 21 of 130 Signature: Dr. Umakant Gangetreo Dangat (Chairman SEAC-I)

		Dry waste:		Composting	7					
		Wet waste:		Composting						
		Hazardous	-	1 ,	,	uthorized us	ed oil re-pro	cessor.		
Mode of lof waste:	Disposal	Biomedica applicable	l waste (If	Not Applica			1 T			
		STP Sludg sludge):	e (Dry	treated dor periodically premises.	nestic shall l v. overflow s	oe soaked in hall be used	a soak pit, w on land for g	hich shall be cleaned ardening with		
		Others if a	ny:	Not Applica	able					
		Location(s	):	Paint Shop						
Area requirem	ent:	Area for the of waste & material:	e storage other	Near to Pai	nt Shop					
		Area for m	achinery:	ry: Demarcated Area within Plant						
Budgetary (Capital co	allocation	Capital cos	st:	Not Applicable						
O&M cost)	:	O & M cos	t:	Not Applica						
			37.Ef	fluent C	harecter	estics				
Serial Number	Paran	neters	Unit	Charect	affluent terestics	Charect	Effluent terestics	Effluent discharge standards (MPCB)		
1	p			2107			10	6.5 to 9		
2		ended Solid	mg/l		56		80	<100		
3		olved Solid	mg/l		786		24	<2100 <250		
<u>4</u> 5	BC	OD OD	mg/l mg/l		07			<100		
6		grease	mg/l		28 <3 <1 <1			<100		
7		ride	mg/l	210 80				<600		
8	sulp		mg/l	190 110 <1000						
Amount of e	effluent gene			ly will be Pro	ovided in EIA	A Report				
Capacity of	the ETP:		Details stud	ly will be Pro	ovided in EIA	A Report				
Amount of t recycled:	reated efflue	ent	Details stud	ly will be Pro	ovided in EIA	A Report				
	vater send to		Not Applica							
	o of CETP (if		Not Applica							
	P technology		Not Applica							
Disposal of	the ETP slud	lge	Not Applica		TA7 . T					
0 1 1			<b>У</b> 38.На	zardous	Waste L	<u> Jetails</u>				
Serial Number	Descr		Cat	UOM	Existing	Proposed	Total	Method of Disposal		
1	Paint P	Residue	21.1	kg/m	180	0	180	CHWTSDF		
2	used/s	pent oil	5.1	lit/day	6.0	0	6.0	Sate to Authorized Reprocesor		
			39.St	tacks em	ission D	T .				
Serial Number	Section	& units		sed with ntity	Stack No.	Height from ground level (m)	Internal diameter (m)	Temp. of Exhaust Gases		
1	DG	5 -1	HS	SD	1	3.16 from roof level	NA	117		
2	DO	G-2		HSD 1 2.2 from roof level NA 110						
			40.De	tails of I	uel to b	e used				
Serial Number	Тур	e of Fuel		Existing		Proposed		Total		
1		HSD		300 Lit/M		0		300 Lit/M		



Page 22
of 130
Signature:
Name: Dr. Umakant Gangetreo Dangat
Dr. Umakant Dangat
(Chairman SEAC-I)

41.Source o	f Fuel		Local	lly Purchased				
42.Mode of	Transportat	ion of fuel to	site Barre	els or Tankers				
		Total RG a		Details provi	ided in EIA	Report		
		No of trees	s to be cut	Not Applical	ole			
43.Green Develop	n Belt	Number of be planted		Details provi	ided in EIA	Report		
Develop	шепт	List of pro native tree		Details provi	Details provided in EIA Report			
		Timeline for completion plantation	n of	Details prov	ided in EIA	Report		
	44.Nu	mber and	l list of t	rees spec	cies to b	e pla	nted in	the ground
Serial Number	Name of	the plant	Commo	n Name	Qua	ntity	Ch	aracteristics & ecological importance
1		plicable		plicable	Not Ap	plicable	;	Not Applicable
		ntity of plan						
1	ber and	list of sl	nrubs an	d bushes	species	to be	e plante	d in the podium RG:
Serial Number		Name		C/C Distar				Area m2
1	Not Applicable			Not Applica			I	Not Applicable
				47.En	ergy			
	Source of power supply:  During Construe Phase: (Demand Load)	power	Maharashtra State Electrical Distribution co.ltd.				co.ltd.	
		Phase: (De	nstruction emand	Not Applical	ole			
		DG set as back-up du construction	ıring	Not Applical	ole			
_		During Op phase (Cor load):	eration nnected	Not Applical	ole			
Pov require		During Op phase (Der load):		359 KVA				
		Transform	er:	Not Applical	ole			
		DG set as l back-up di operation	ıring	250 KVA				
		Fuel used:		HSD				
		Details of tension lin through thany:	e passing	No				
	5)	Ü	ergy savi	ng by nor	1-conver	ntion	al metho	od:
Not Applica	ble							
		4	9.Detail	calculatio	ons & %	of sa	ving:	
Serial Number	E	nergy Cons	ervation M	easures			S	aving %
1		Not					Applicable	
				of polluti	on cont	rol Sy		
Source	Ex	isting pollu	tion contro	ol system				to be installed
DG Sets		Acoustic Enclosu				r prote	cting device worke	es earplugs/ ear muffs to the rs/employees
Domestic Effluent	Domestic	Effluent trea pi	ted through t system	septic tank/s	ock		Septic	tank / sock pit
								- la &

Abhay Pimparkar (Secretary SEAC-I)

SEAC Meeting No: 138 th SEAC-1 Meeting Meeting Date: June 1, 2017 Page 23
of 130

Name: Dr. Umakant Gangatrao Dangat
(Chairman SEAC-I)

Industrial												
Effluent			ETP					E	TP 			
solid waste	compos	ting and Dis	posal to auth	orized ven	ndors	TSDF	site. H	W Stora	ge with RC0	C Flooring		
Budgetary (Capital	allocation cost and	Capital co	st:	Not Appl	ot Applicable							
Ō&M	cost):	O & M co		Not Appl								
51	.Envir		tal Mar						Alloca	<u>ation</u>		
Serial	Attr	ibutes	Construc		nase (v				m (Rs. In I	.acs)		
Number		s will be	Details						`			
1		n EIA Report	provided in	EIA Repo					ed in EIA Re	port		
		k	) Operat	ion Pha								
Serial Number	Com	ponent	Descr	iption	Cap	ital cost Rs Lacs	i. In		tional and ost (Rs. in	Maintenance Lacs/yr)		
1	Details will be Details provided in EIA Report provided in			will be EIA Repo	rt provid	etails will bolled in EIA R	e .eport	Detail	ls will be pro Repor	ovided in EIA ct		
51.S	torage	of che	micals	(infla	mab	e/expl	osiv	e/haz	zardou	s/toxic		
				Location Sto Cap in		Maximum Quantity of Storage at any point of time in MT	Consu / Mo	imption nth in MT	Source of Supply	Means of transportation		
Liquid Petro	oleum Gas	2 Bullets	Bullets Ar	ea	300 MT	300 MT	300 MT N.		GAIL GANDHAR , HAZIRA	By Truck Tanker		
Liquid Petro	oleum Gas	2 Bullets	Bullets Ar	ea	270MT	270 MT	NA		GAIL GANDHAR , HAZIRA	By Truck Tanker		
Liquid Petro	oleum Gas	2 MSV	Bullets Ar	ea	1000 MT	1000 MT NA		NΑ	GAIL GANDHAR , HAZIRA	By Truck Tanker		
		•	52.A	ny Oth	er Info	rmation	ì					
No Informa	tion Availak	ole		> 664	7.5							
		Nos. of th to the ma design of confluence	e junction in road &	Traffic  Not Appl		gement_						
	S											



Page 24
of 130
Signature:
Name: Dr. Umakant Gangeareo Dangat
Dr. Umakant Dangat
(Chairman SEAC-I)

	Number and area of basement:	Not Applicable
	Number and area of podia:	Not Applicable
	Total Parking area:	Not Applicable
	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
	<b>Public Transport:</b>	Not Applicable
	Width of all Internal roads (m):	Not Applicable
	CRZ/ RRZ clearance obtain, if any:	Not Applicable
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	8 Km
	Category as per schedule of EIA Notification sheet	6 (b)
	Court cases pending if any	No
	Other Relevant Informations	Not Applicable
	Have you previously submitted	Yes
	Application online on MOEF Website.	

Brief information of the project by SEAC

PP submitted their application for the grant of TOR under category 6(b)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.

PP informed that the plan are approved by MIDC.

The brief information is as below;

- 1. The existing storage capacity is 570 Mt (2 x 150 MT) (2 x 135 MT)
- 2. Proposed Storage Capacity will be  $2 \times 500 = 1000 \text{ MT}$ .
- 3. Total Storage Capacity will be 1570 MT.

# **DECISION OF SEAC**



SEAC Meeting No: 138 th SEAC-1 Meeting Meeting Date: June 1, 2017 Page 25 of 130

Signature:

Name: Dr. Umakant Gangatreo Dangat

Dr. Umakant Dangat

(Chairman SEAC-1)

Draft Terms of Reference (TOR) have been discussed and finalized during 138th meeting of SEAC-1. The committee prescribed the following additional TOR along with Standard TOR as available on the Ministry of Environment, Forest and Climate Change website for preparation of **EIA-EMP** report.

During the discussion committee observed that the information uploaded by PP in the above format is not adequate hence PP requested to submit fresh information.

### **Specific Conditions by SEAC:**

- 1) PP to submit details of distances from the areas mentioned in the general conditions attached to the Schedule to the EIA Notification, 2006 and its applicability to the proposed activity.
- 2) PP to carry out and submit life cycle analysis report and sustainability index for each item to be used on site. 3) PP to include Quantitative Risk Assessment and mitigation measures in the On Site and Off Site Emergency Preparedness Plan duly accepted by competent authority.

# FINAL RECOMMENDATION

apropriests Abhay Pimparkar (Secretary SEAC-I)

SEAC Meeting No: 138 th SEAC-1 Meeting Meeting Date: June 1, 2017

Page 26 of 130

Signature: Name: Dr. Umakant Gangatrao Dangat Dr. Umakant Dangat (Chairman SEAC-I)

#### SEAC-1 Meeting **SEAC Meeting number:** 138 th SEAC-1 Meeting **Meeting Date** June 1, 2017 Subject: Environment Clearance for Storage Capacity expansion of Nashik LPG Plant **General Information:** Venue: Maharashtra Economic Development Council, Board Room, 3rd Floor, Y. B. Chavan Centre, Gen. Jagannathrao Bhosale Marg, Near Mantralaya, Mumbai- 400 020. Storage Capacity expansion (2 $\rm X$ 500 MT MSV) of Nashik LPG Plant, Malegaon MIDC Industrial area Sinnar, Nashik. 1.Name of Project 2. Type of institution 3.Name of Project Proponent Hindustan Petroleum Corporation Limited, Nashik 4. Name of Consultant Anacon Laboratories Pvt. Ltd., Nagpur 5. Type of project Not applicable 6.New project/expansion in existing project/modernization/diversification in existing project Expansion in Existing Project. Existing Capacity: 1390 MT, Proposed Capacity: 1000 MT 7.If expansion/diversification, whether environmental clearance has been obtained for existing Not applicable as Existing plant does not fall under the purview of EIA Notification 2006 G-6 Malegaon MIDC ,Sinnar, Nashik, Maharashtra 8.Location of the project 9.Taluka Sinnar 10.Village Malegaon Malegaon MIDC 11.Area of the project Not Applicable 12.IOD/IOA/Concession/Plan IOD/IOA/Concession/Plan Approval Number: Not Applicable Approval Number Approved Built-up Area: 33.3 13.Note on the initiated work (If applicable) Construction work not start yet 14.LOI / NOC / IOD from MHADA/ Not applicable Other approvals (If applicable) 15. Total Plot Area (sq. m.) 33.3 16.Deductions Not applicable 17.Net Plot area Not applicable a) FSI area (sq. m.): Not applicable 18.Proposed Built-up Area (FSI & Non-FSI) b) Non FSI area (sq. m.): Not applicable c) Total BUA area (sq. m.): Not applicable Not applicable 19.Total ground coverage (m2) 20.Ground-coverage Percentage (%) (Note: Percentage of plot not open Not applicable to sky) 21.Estimated cost of the project 1433300000 22.Number of buildings & its configuration Serial **Building Name & number** Height of the building (Mtrs) **Number of floors** number Not applicable Not applicable Not applicable 23. Number of Not applicable tenants and shops 24. Number of expected residents / Not applicable 25.Tenant density Not applicable per hectare 26. Height of the building(s) 27.Right of way (Width of the road from the nearest fire Not applicable station to the proposed building(s)

Abhay Pimparkar (Secretary SEAC-I)

SEAC Meeting No: 138 th SEAC-1 Meeting Meeting Date: June 1, 2017 Signature:
Name: Dr. Umakant Gangatrae Dangat
Dr. Umakant Dangat
(Chairman SEAC-I)

28.Turning for easy ac fire tender movement around the excluding for the pla	from all building the width	Not applicable								
29.Existing structure (	y (s) if any	Not applica	Not applicable							
30.Details demolition disposal (I applicable)	with f	3 LPG stora commission	3 LPG storage vessels of total capacity 390 MT will be removed from existing storage after commissioning of new 2 X 500 MT Mounded Storage Vessels							
			31.P	roduct	ion Details					
Serial Number	Pro	duct	Existing	(MT/M)	Proposed (MT/M)	Total (MT/M)				
1	liquid Petr	roleum Gas	1390	) MT	1000 MT	2000 MT				
			2.Tota	l Wate	r Requiremen					
		Source of		Malegaon N						
		Fresh water	er (CMD):	Not applica		70				
		Recycled w		Not applica	ble	00				
		Recycled water - Gardening (CMD):		Not applica	ble					
		Swimming pool make up (Cum):		Not applicable						
Dry season:		Total Water Requirement (CMD)		Not applicable						
		Fire fighting Undergroutank(CMD)	ind water	Not applicable						
		Fire fighting - Overhead water tank(CMD):		Not applicable						
		Excess trea	ated water	Not applica	ble					
		Source of		Malegaon N						
				Not applica	ble					
		Recycled w Flushing (	CMD):	Not applica	ble					
		Recycled v Gardening	(CMD):	Not applicable						
		make up (	Swimming pool make up (Cum):		Not applicable					
Wet season:		Total Wate Requireme	er ent (CMD)	Not applicable						
		Fire fighting Undergroutank(CMD)	ind water	Not applicable						
		Fire fighting Overhead vank(CMD)	water	Not applicable						
		Excess treated water Not applicable								
Details of Spool (If any	Swimming y)	Not applica	ble							
		3	3.Detail	s of Tota	l water consume	d				
Particula rs				Loss (CMD) Effluent (CMD)						



Page 28
of 130
Signature: Dr. Umakant Gangetree Dangat
Or. Umakant Dangat
(Chairman SEAC-I)

Water Require ment	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total			
Domestic	12	0	12	1.8	0	1.8	10.2	0	10.2			
Industrial Process	5	0	5	5	0	0	0	0	0			
Gardening	33	0	33	33	0	33	0	0	0			
		Level of the water table:	Ground	Details stud	y will be Provi	ded in EIA	Report					
		Size and no o tank(s) and Quantity:	of RWH	Details stud	y will be Provi	ded in EIA	A Report					
		Location of tank(s):	he RWH	Details stud	y will be Provi	ded in EIA	Report					
34.Rain V Harvestir		Quantity of r pits:	echarge	Details stud	y will be Provi	ded in EIA	Report	(2)				
(RWH)	3	Size of recha:	rge pits	Details stud	y will be Provi	ded in EIA	Report					
		Budgetary al (Capital cost	location ) :	Details stud	y will be Provi	ded in EIA	Report					
		Budgetary al (O & M cost)	location :	Details stud	y will be Provi	ded in EIA	Report					
		Details of UC if any:	T tanks	Details study will be Provided in EIA Report								
O		Natural wate drainage pat		Details study will be Provided in EIA Report								
35.Storm drainage	water	Quantity of storm water:  Details study will be Provided in EIA Report										
		Size of SWD:		Details study will be Provided in EIA Report								
		Sewage gene in KLD:	ration •	Detail Study will be provided in EIA Report								
		STP technology: Detail Study will be provided in EIA Report										
Sowago	and	Capacity of S (CMD):	TP	Not Applicable								
Sewage Waste w	ater	Location & a the STP:	rea of	Not Applicable								
		Budgetary al (Capital cost	location ):	Not Applicable								
		Budgetary al (O & M cost)	location :	Not Applicable								
		36	Soli	d waste	Manag	emen	t					
Wasto gon	eration in	Waste genera	ation:	Construction	n waste, Dome	stic Waste	e, Gardening	waste and use	d oil.			
Waste generation in the Pre Construction and Construction phase:  Disposal of the construction waste debris:				The construction waste will be use for leveling, domestic and gardening waste will be used for composting. used oil generated from construction machinery will be collected, stored separately and sold to authorized recyclers.								
		Dry waste:		Office waste	and Garden v	vaste						
		Wet waste:		domestic wa	nste							
Waste ge	neration	Hazardous w		Paint residu	e and used/spe	ent oil						
in the ope Phase:	eration	Biomedical vapplicable):	vaste (If	Not applical	ble							
		STP Sludge (sludge):	Dry	Not applical	ble							
		Others if any	:	Not applical	ole							



		Dry waste:		Composting	7						
		Wet waste:	ů .		Composting						
		Hazardous		1 ,	Disposed off Through Authorized used oil re-processor.						
Mode of lof waste:	Disposal	Biomedica applicable	l waste (	TE	Not applicable						
STP Sludg sludge):		e (Dry	Treated do:	mestic sh	all k	oe soaked in	sock pit				
		Others if a	ny:	Not applica	ble						
Location(s			):	Not Applicable							
Area requirem	ent:	Area for th of waste & material:	e storag other	Not Applica	able						
		Area for m	achinery	y: Not Applica	able						
Budgetary (Capital co	allocation	Capital cos	st:	Not Applica	able						
O&M cost)	:	O & M cos	t:	Not Applica	able				()		
			37.	Effluent C	harect	ere	estics				
Serial Number	Paran	neters	Unit		Effluent terestics		Outlet I Charect		Effluent discharge standards (MPCB)		
1		Н	NA	N	ΙA		7.0	67	5.5-9.0		
2		ed Solids	mg/l		IA		2		100		
3		lved Solids	mg/l		IA.		804		2100		
4		OD	mg/l		IA.		250		250		
5	BO		mg/l		IA		105		100		
6		loride mg/l			NA NA		131.13		600		
7 8	oil/G:	phate mg/l			NA NA		116.32 NIl		1000		
	effluent gene		mg/l Detail S		dy will be provided in EIA Report						
Capacity of	the ETP:		Detail S	tudy will be pro	vided in I	EIA	Report				
1 5	reated efflue	ent		tudy will be pro	<u> </u>						
Amount of v	vater send to	the CETP:	Not App	licable							
Membership	p of CETP (if	require):	Not App	licable							
Note on ET	P technology	to be used	Not App								
Disposal of	the ETP sluc	lge	Not App								
			38.	<u> Hazardous</u>	Waste	D	etails				
Serial Number		iption	Cat	UOM	Existin	ıg	Proposed	Total	Method of Disposal		
1	Paint F	Residue	21.1	kg/m	NA		NA	NA	CHWTSDF		
2	used/ s	pent oil	5.1	lit/day	NA		Na	NA	Sate to Authorized Reprocesor		
	57		39.	Stacks em	ission	De	etails				
Serial Number	Section	& units	Fuel Used with Quantity		Stack N	lo.	Height from ground level (m)	Internal diameter (m)	Temp. of Exhaust Gases		
1	DG set 3	380 KVA	HSD		1		4.5	0.20	129		
2	DG set	125KVA		HSD	1		4.5	0.20	NA		
			40.1	Details of I	uel to	be	used				
Serial Number	Тур	e of Fuel		Existing	Existing		Proposed		Total		
1	0.7	HSD			NA NA NA						
41.Source o		· C 1 ·		ocal Purchased							
42.Mode of	42.Mode of Transportation of fuel to site Barrels or Tankers										



Page 30 of 130 Signature: Dr. Umakant Gangatreo Dangat (Chairman SEAC-I)

		Total RG a	rea :	Details Provided in EIA Report					
		No of trees	s to be cut	Not Applica	Not Applicable				
43.Gree	n Belt		Number of trees to be planted :		Details will be Provided in EIA Report				
Develop	Development  List of proposed native trees:  Timeline for completion of plantation:		posed es :	Details will	be Provid	led in EIA Rep	ort		
			Details will	be Provid	ed in EIA Rep	ort			
	44.Nu	_		rees spe	cies to	be plante	d in the ground		
Serial Number		the plant		n Name		uantity	Characteristics & ecological importance		
1	Not Ap	plicable	Not Ap	plicable	Not A	Applicable	Not Applicable		
<b>4</b> 5	.Total quai	ntity of plar	its on grou	nd					
46.Num	ber and	list of sl	nrubs an	d bushes	specie	es to be pl	lanted in the podium RG:		
Serial Number		Name		C/C Dista	nce		Area m2		
1	Not	Applicable		Not Applic			Not Applicable		
				47.Er	ergy				
		Source of supply:	power	Maharashtr	a State El	lectrical Distri	bution Co. Ltd.		
		During Construction Phase: (Demand Load)		Not Applicable					
		DG set as Power back-up during construction phase		Not Applicable					
_		During Operation phase (Connected load):		Not Applicable					
Pov require	ver ement:	During Opphase (Depload):	eration mand	500 KVA					
		Transform	er:	Not Applica	ble				
		DG set as Power back-up during operation phase:		380 KVA					
		Fuel used:		HSD					
	1	Details of tension lin through th any:	e passing	Not Applicable					
	$\lambda$	48.Ene	rgy savi	ng by no	n-conv	entional n	nethod:		
Not Applica	ble								
		4	9.Detail	calculati	ons & '	% of savin	ıg:		
Serial Number	Energy Conservation Mo			easures		Saving %			
1	Not Applicable						Not Applicable		
				_	ion con	ntrol Syste			
Source	Existing pollution control system					oposed to be installed			
DG Set	Acoustic Enclosure			· 	Ear Protecting Devices earplugs/ ear muffs to the workers/ employees.				
Domestic Effluent	Domestic 1	Effluent trea pi	ted through t system	septic tank/	sock		Septic Tank/ sock pit		
Industrial Effluent			ETP				ETP		



Page 31 of 130 Signature:

Name: Dr. Umakant Gangstrao Dangai

Dr. Umakant Dangat
(Chairman SEAC-I)

Solid Waste    Composting and Disposal to Authorized Vendors   TSDF site HW storage with RCC for the Record of the	tion
Capital cost and O&M cost:   Not Applicable	
O&M cost):       O & M cost:       Not Applicable         51.Environmental Management plan Budgetary Allocat         a) Construction phase (with Break-up):         Serial Number       Attributes       Parameter       Total Cost per annum (Rs. In Lacentary Allocat)	
a) Construction phase (with Break-up):  Serial Number Attributes Parameter Total Cost per annum (Rs. In Lac	
a) Construction phase (with Break-up):  Serial Number Attributes Parameter Total Cost per annum (Rs. In Lac	
Number Attributes Parameter Total Cost per annum (Rs. In Lac	acs)
Details will be Provide in EIA Report  Details will be Provide in EIA Report  Details will be Provide in EIA Report	ort
b) Operation Phase (with Break-up):	
Serial Number Component Description Capital cost Rs. In Lacs Operational and M cost (Rs. in Lacs)	
Details will be Provide in EIA Report Report	t
51.Storage of chemicals (inflamable/explosive/hazardous substances)	s/toxic
Storage Status Location Storage Storage Consumption Source of	Means of transportation
Liquid Petroleum Gas 1 Bullet Bullets Area 90 90 NA Hazira, Koyali, Uran , Gandhar, Mahul	By Truck Tankers
Liquid Petroleum Gas 2 Bullets Bullets Area 300 300 NA Hazira, Koyali, Uran , Gandhar, Mahul	By Truck Tanke
Liquid Petroleum Gas 2 MSV MSV Area 1000 MT 1000 MT NA Hazira, Koyali, Uran , Gandhar, Mahul	By Truck Tanker
Liquid Petroleum Gas  2 NEW MSV Area  1000 MT  1000 MT  NA  Hazira, Koyali, Uran , Gandhar, Mahul	By Truck Tankers
52.Any Other Information	
No Information Available	
53.Traffic Management	
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:	Not Applicable
	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
	<b>Public Transport:</b>	Not Applicable
	Width of all Internal roads (m):	Not Applicable
	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	6 (b)
	Court cases pending if any	No
	Other Relevant Informations	Not Applicable
	Have you previously submitted Application online on MOEF Website.	Yes
	Date of online	

Brief information of the project by SEAC

PP submitted their application for the grant of TOR under category 6(b)B1 as per EIA Notification, 2006. PP presented draftTOR based on standard TOR is used 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 provisiosn as per para 7 III Stage (3) (b) of the EIA Notification, 2006.

PP informed that the plan are approverd by MIDC.

The brief information is as below;

- 1. The existing storage capacity is 1390 MT
- 2. Proposed Storage Capacity will be 1000 MT.
- 3. Total Storage Capacity = 2000 MT

PP proposes to reduce storage of 390 MT. from existing storage capacity.



SEAC Meeting No: 138 th SEAC-1 Meeting Meeting Date: June 1, 2017 Page 33
of 130
Signature:
Name: Dr. Umakant Gangatrao Dangat
Or. Umakant Dangat
(Chairman SEAC-I)

# **DECISION OF SEAC**

Draft Terms of Reference (TOR) have been discussed and finalized during 138th meeting of SEAC-1. The committee prescribed the following additional TOR along with Standard TOR as available on the Ministry of Environment, Forest and Climate Change website for preparation of **EIA-EMP** report.

During the discussion committee observed that the information uploaded by PP in the above format is not adequate hence PP requested to submit fresh information.

**Specific Conditions by SEAC:** 

1) PP to carry out and submit life cycle analysis report and sustainability index for each item to be used on site. 2) PP to include Quantitative Risk Assessment and mitigation measures in the On Site and Off Site Emergency Preparedness Plan duly accepted by competent authority.

apportances Abhay Pimparkar (Secretary SEAC-I)

SEAC Meeting No: 138 th SEAC-1 Meeting Meeting Date: June 1, 2017

Page 34 of 130

Signature: Name: Dr. Umakant Gångatrao Dangat Dr. Umakant Dangat (Chairman SEAC-I)

## **SEAC-1 Meeting**

SEAC Meeting number: 138 th SEAC-1 Meeting Meeting Date June 1, 2017

Subject: Environment Clearance for Storage Capacity expansion (6 x 1000 MT MSV) of LPG Bottling Plant, Chakan, Pune

**General Information:** Venue: Maharashtra Economic Development Council, Board Room, 3rd Floor, Y. B. Chavan Centre, Gen. Jagannathrao Bhosale Marg, Near Mantralaya, Mumbai- 400 020.

D. Chavan Contro, Con. Jaganin	dillido bliosalo Marg, Malitidiaya, Malibar 400 020.			
1.Name of Project	Storage Capacity expansion (6 x 1000 MT Mounded Storage Vessel) of LPG Bottling Plant, Chakan, Pune			
2.Type of institution	Government			
3.Name of Project Proponent	Hindustan Petroleum Corporation Limited, Chakan, Pune.			
4.Name of Consultant	Anacon Laboratories Private Limited, Nagpur.			
5. Type of project	Not applicable			
6.New project/expansion in existing project/modernization/diversification in existing project	Expansion in existing project , Existing Capacity:4200 MT, Proposed Capacity: 6000 MT			
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	Not Applicable as existing plant does not fall in the purview of EIA Notification			
8.Location of the project	412A/B			
9.Taluka	Khed			
10.Village	Mhalunge Ingle			
11.Area of the project	Chakan MIDC			
40.700.700.40	Not Applicable			
12.IOD/IOA/Concession/Plan Approval Number	IOD/IOA/Concession/Plan Approval Number: Not Applicable			
- FF	Approved Built-up Area: 33			
13.Note on the initiated work (If applicable)	Construction Work not Started yet			
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	Not Applicable			
15.Total Plot Area (sq. m.)	33			
16.Deductions	Not applicable			
17.Net Plot area	Not applicable			
10.0	a) FSI area (sq. m.): Not applicable			
18.Proposed Built-up Area (FSI & Non-FSI)	b) Non FSI area (sq. m.): Not applicable			
	c) Total BUA area (sq. m.): Not applicable			
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	960000000			

21.Estimated cost of the project 960000000

	22.Number of buildings & its configuration								
Serial number	Buildir	ng Name & number	Number of floors	Height of the building (Mtrs)					
1	1	Not applicable	Not applicable	Not applicable					
23.Number tenants an		Not applicable							
24.Number expected r users		Not applicable							
25.Tenant density per hectare Not applicable									
26.Height building(s)									
station to	the road earest fire								

appropries Abhay Pimparkar (Secretary SEAC-I)

SEAC Meeting No: 138 th SEAC-1 Meeting Meeting Date: June 1, 2017

Signature: Name: Dr. Umakant Gangatrao Dangat Page 35 Dr. Umakant Dangat (Chairman SEAC-I)

28. Turning for easy active tender movement around the excluding for the plant and the excluding for the plant around the excluding for the plant are the exclusion are the exclus	from all building the width ntation	Not applicable							
29.Existing structure (	s) if any	Not applica	ble						
30.Details demolition disposal (I applicable)	with f	Not applica	ble						
			31.F	roduct	ion Details				
Serial Number	Pro	duct	Existing	(MT/M)	Proposed (MT/M)	Total (MT/M)			
1	Liquid Peti	roleum Gas		00	6000	6000			
		3	2.Tota	l Wate	r Requiremen	t			
		Source of				gh one well and from MIDC			
		Fresh water		Not applica	ble				
		Recycled w Flushing (	vater - CMD):	Not applica	ble				
		Recycled water - Gardening (CMD):		Not applica	ble				
			Swimming pool make up (Cum):		ble				
Dry season:		Total Water Requirement (CMD)		Not applicable					
		Fire fighting - Underground water tank(CMD):		Not applicable					
		Fire fighting Overhead vank(CMD)	water	Not applicable					
		Excess trea	ated water	Not applica	ble				
		Source of	water	The water i	requirement is met throu	gh one well and from MIDC			
		Fresh water (CMD):		Not applica	ble				
		Recycled water - Flushing (CMD):		Not applicable					
		Recycled w Gardening	vater - (CMD):	Not applicable					
		Swimming make up (	pool Cum):	Not applicable					
Wet season	n:	Total Wate Requireme	er ent (CMD)	Not applicable					
SY		Undergrou	Fire fighting - Underground water tank(CMD):		Not applicable				
		Fire fighting Overhead v tank(CMD)	water	Not applicable					
		Excess trea	ated water	Not applica	ble				
Details of Spool (If any	Swimming y)	Not applica	ble						
		3	3.Detail	s of Tota	l water consume	d			
Particula rs	Cons	sumption (C	CMD)		Loss (CMD)	Effluent (CMD)			



Page 36 of 130

Signature: Dr. Umakant Gangatrao Dangat (Chairman SEAC-I)

Water Require ment	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total			
Domestic	05	0	05	1	0	1	4	0	4			
Industrial Process	10	0	10	5	0	5	5	0	5			
Gardening	20	0	20	20	0	20	0	0	0			
Level of the Ground water table:				Details stud	y will be Provi	de in EIA	Report					
		Size and no o tank(s) and Quantity:	of RWH	Details study will be Provide in EIA Report								
		Location of the tank(s):	he RWH	Details stud	y will be Provi	de in EIA	Report					
34.Rain V Harvestin		Quantity of r pits:	echarge	Details stud	y will be Provi	de in EIA	Report	(3)				
(RWH)	3	Size of recha:	rge pits	Details stud	y will be Provi	de in EIA	Report					
		Budgetary al (Capital cost	location ) :	Details stud	y will be Provi	de in EIA	Report					
		Budgetary al (O & M cost)	location :	Details stud	y will be Provi	de in EIA	Report					
		Details of UG if any:	T tanks	Not Applicable								
35.Storm water		Natural wate drainage pat		Details study will be Provide in EIA Report								
		Quantity of s water:	torm	Details stud	y will be Provi	de in EIA	Report					
		Size of SWD:		Details study will be Provide in EIA Report								
		Sewage gene in KLD:	ration	Details study will be Provide in EIA Report								
		STP technolo	gy:	Details study will be Provide in EIA Report								
Şewage	and	Capacity of S (CMD):	TP	Details study will be Provide in EIA Report								
Waste w	ater	Location & at the STP:	rea of	Not Applicable								
		Budgetary al (Capital cost	location ):	Not Applicable								
		Budgetary al (O & M cost)	location	Not Applical	ble							
		36	Soli	d waste	Manag	emen	t					
TATest-		Waste genera		ì				waste and use	d oil.			
Waste gene the Pre Cor and Constr phase:	nstruction	Disposal of the construction debris:		The construction waste will be use for leveling, domestic and gardening waste will be used for composting. used oil generated from construction machinery will be collected, stored separately and sold to authorized recyclers.								
		Dry waste:		Office waste	and Garden v	vaste						
				Domestic W	aste							
Waste generation in the operation Phase:	noration	Hazardous w	aste:	Paint residu	e and used /sp	ent oil						
	eration	Biomedical was applicable):	aste (If	Not Applical	ble							
		STP Sludge (sludge):	Dry	Not Applical	ble							
		Others if any	•	Not Applicable								





Page 37
of 130
Signature:
Name: Dr. Umakant Gangetrao Dangat
Or. Umakant Dangat
(Chairman SEAC-I)

		Dry waste:			Composting	7						
		Wet waste:			Composting							
		Hazardous		n•	- '		ıuh ən	ıthorizad 1190	d oil r	o-nroc	essor	
Mode of l of waste:	Disposal	Biomedica applicable	l wast		Disposed off through authorized used oil re-processor  Not Applicable							
STP Sludg sludge):		STP Sludg		7	treated domestic shall be soaked in soak pit.							
Others if any:					Not Applica	able						
Location(s):			Paint Shop									
Area for to a feet a fe		Area for the of waste & material:	e stor other	rage	Near to Paint Shop							
		Area for m	achin	ery:	Demarcate	d Area	Withi	n Plant				
Budgetary (Capital co	allocation	Capital cos	st:		Not Applica	able						
O&M cost)	st and	O & M cos	t:		Not Applica	able					()	
			3	7.Ef	fluent C	hare	cter	estics				
Serial Number	Parameters Unit		nit	Inlet E Charect			Outlet 1 Charect			Effluent discharge standards (MPCB)		
1	p.		N	Α		98		7.	06		5.5-9	
2	Suspende	ed Solids	m	g/l	5	4		4	0		<100	
3	Total Disso	lved Solids	m	g/l	58	88		54	48		<2100	
4	CC	)D	m	gl	171			1:	18		<250	
5	ВС	)D	m	g/l	62			44			<100	
6	Oil and	Grease	m	g/l	BDL			BDL			<10	
7	Chlo	rides	m	g/l	110.89			91.6			<600	
8	Sulp	hate	m	g/l	23.91			5.	67		<1000	
Amount of e (CMD):	effluent gene	ration	Detai	ls stud	dy will be Pro	ovide i	n EIA	Report				
Capacity of	the ETP:		Detai	ls stuc	ly will be Pro	ovide i	n EIA	Report				
Amount of trecycled:	reated efflue	ent	Detai	ls stud	ly will be Pro	ovide i	n EIA	Report				
Amount of v	vater send to	the CETP:	Not A	pplica	able							
Membership	of CETP (if	require):	Not A	pplica	pplicable							
Note on ETI	P technology	to be used		pplica								
Disposal of	the ETP slud	lge 💮		pplica								
			3	8.Ha	zardous	Was	te D	etails				
Serial Number	Descr	iption	Ca	at	UOM	Exis	ting	Proposed	To	tal	Method of Disposal	
1	Paint R		21		Kg/day		1	0	4	ŀ	CHWTSDF	
2	Used/S <sub>1</sub>	pent oil	5.		lit/year		00	0	10	00	CHWTSDF	
			3	89.St	tacks em	issio	n D	etails				
Serial Number	Section	& units	Fu		sed with ntity	Stacl	k No.	Height from ground level (m)	Inte diam (n	eter	Temp. of Exhaust Gases	
1	DG-1 (12	25 KVA)	HSD		SD	1	L	3.5 from roof level	0.3	15	52	
2	DG-2 (50	00 KVA)		Н	SD	1	l	5 from roof level	0.2	20	83	
40.Details of Fuel to be used												
Serial Number	Тур	e of Fuel			Existing			Proposed			Total	
1		HSD		115 lit/Hr 0							115 Lit/Hr	
41.Source of Fuel Locally Purchased												



Page 38 of 130 Signature:

Name: Dr. Umakant Gangataco Dangat (Chairman SEAC-I)

42.Mode of	Transportat	ion of fuel to	site B	Sarrels and Ta	nkers				
		Total RG a			rovide in EL	A Report			
		No of tree:	s to be o	Not Appl	Not Applicable				
43.Green Belt Development		Number of trees to be planted :		O Details F	rovide in EL	A Report			
		List of proposed native trees :		Details F	rovide in EL	A Report			
	C		Timeline for completion of plantation :		rovide in EL	A Report			
i	44.Nu	mber and	l list o	of trees sp	oecies to	be plante	ed in the ground		
Serial Number	Name of	the plant	Con	nmon Name	Q	uantity	Characteristics & ecological importance		
1		plicable	L	t Applicable	Not.	Applicable	Not Applicable		
		ntity of plar							
ī	ber and	list of sl	nrubs	and bush	es speci	es to be p	lanted in the podium RG:		
Serial Number		Name		C/C Di			Area m2		
1	Not	Applicable		Not App			Not Applicable		
		· ·		<b>4</b> 7.	Energy				
Source of power supply:  During Construction Phase: (Demand Load)			Maharashtra State Electrical Distribution Co. ltd.						
		Phase: (Demand		Not App	icable				
		DG set as Power back-up during construction phase		Not Appl	icable	,			
		During Op phase (Cor load):	eration nnected	477 KW	477 KW				
Pov require		During Op phase (Der load):	eration mand	400 KVA	400 KVA				
		Transform	er:	Not Appl	Not Applicable				
		DG set as back-up do operation	uring	500 KVA	500 KVA				
		Fuel used:	<b>Y</b>	HSD	HSD				
		Details of tension lin through th any:	e nassii	ng f Not Appl	Not Applicable				
	CY	48.Ene	ergy sa	aving by r	on-conv	entional i	method:		
Not Applica	ble								
		4	9.Deta	ail calcula	tions &	% of savii	ng:		
Serial Number	E	nergy Cons	ervation	n Measures			Saving %		
1			Applicab				Not Applicable		
				ils of poll	ution cor	U			
Source	Ex	isting pollu	tion co	ntrol system			roposed to be installed		
DG Set		Acous	tic Enclo	sure	Ear Protecting Devices Earplugs/ Ear Muffs to th workers/employess				
Domestic Effluents	Domestic		ted thro t system	ugh septic tar	ık/sock		septic tank/ sock pit		



Signature: Page 39
of 130
Name: Dr. Umakant Gangatrae Dangat
(Chairman SEAC-I)

Industrial Effluent Solid												
Colid									ETP			
Waste	Compos	ting and Di	sposal to auth	orized V	rized Vendor TSDF Site. HW storage with RCC Floori						C Flooring	
Budgetary a	llocation	Capital co	ost:	Not Ap	Not Applicable							
(Capital co	ost and ost):	O & M co	st:	Not Ap	plicable							
51.	Envir	onmen	tal Mar	age	ment	p	lan Bı	udq	etary	Alloca	ation	
					tion phase (with Break-up):							
Serial Number			meter			Total Cost per annum (Rs. In Lacs)						
1	Details stu Provide in	udy will be EIA Report	Details stu Provide in	EľA Rep	ort					vide in EIA	Report	
		]	o) Operat	ion Pl	nase (v	wit	h Breal	k-up	<u>):</u>			
Serial Number	Comp	onent	Descr	iption	Ca	apita	al cost Rs Lacs	. In		tional and ost (Rs. in	Maintenance Lacs/yr)	
	Provide in	udy will be EIA Report		EľA Rep	ort Pro	ovide	s study wil e in EIA Re	eport		Repor		
51.St	orage	of che	emicals	(infl sub	amal stand	ble ces	e/explos)	osiv	e/haz	zardou	s/toxic	
						I	Maximum					
					Storage		Quantity of	Cons	umption	C	Marina	
Descript	tion	Status	Location		Capacit in MT	y	Storage at any	/ M	onth in MT	Source of Supply	Means of transportation	
							point of time in MT					
										Mahul		
TID. 1		3 Horton	C1 A	4000 345		4000 MT		NT A	Refinery Mumbai,	By Truck		
Liquid Petrole	eum Gas	Sphere	Shere Storage Ar		rea 4200 MT		4200 MT		NA Aegis, Gandhar & BPCL		Tankers	
			F2.4		I. J. T.	<b>C</b>		<u> </u>		Uran		
No Information	on Availah	Ιο	32.A	ny Ot	ner in	101	mation	<u> </u>				
110 IIIIOIIIIIII	on rivanasi		53.	Traffi	c Man	ag	ement					
		Nos. of th	e junction		<u> </u>	<u>- 3</u>						
		to the ma design of confluence	in road &		plicable							
			nd area of	Not Applicable								
			and area of	Not Ap	plicable							
	~ \		king area:	Not Ap	plicable							
	$\langle \lambda \rangle$	Area per			plicable							
	C	Area per	car:	Not Applicable								
Parking details:  Number of 2- Wheelers as approved by competent authority:  Number of 4- Wheelers as approved by competent authority:												
				Not Ap	plicable							
		competer	ıt *		-							
		Number o	of 4-									
				Not An	plicable							
		competer	ıt	p	1 02210							
		Public Tr		Not An	plicable							
		Width of	all Internal	_	plicable							
		roads (m)	:	ποι Αρ	hireanie							



Page 40
of 130
Signature:
Name: Dr. Umakant Gangetrae Dangat
Dr. Umakant Dangat
(Chairman SEAC-I)

CRZ/ RRZ clear obtain, if any:	rance Not Applicable
Distance from Protected Area Critically Pollu areas / Eco-sen areas/ inter-Sta boundaries	ted sitive Not Applicable
Category as pe schedule of EL Notification sh	<b>A</b> 6 (b)
Court cases pe if any	nding No
Other Relevant Informations	Not Applicable
Have you previ submitted Application on on MOEF Webs	line Yes
Date of online submission	02-02-2017

Brief information of the project by SEAC

PP submitted their application for the grant of TOR under category 6(b)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.

PP informed that the plan are approved by MIDC.

The brief information is as below;

- 1. The existing storage capacity is 4200 Mt (3 x 1400 MT) To be phaed out
- 2. Proposed Storage Capacity will be  $6 \times 1000 = 6000 \text{ MT}$ .
- 3. Total Storage Capacity = 6000 MT

Draft Terms of Reference (TOR) have been discussed and finalized during 138th meeting of SEAC-1. The committee prescribed the following additional TOR along with Standard TOR as available on the Ministry of Environment, Forest and Climate Change website for preparation of **EIA-EMP** report.

During the discussion committee observed that the information uploaded by PP in the above format is not adequate hence PP requested to submit fresh information.

**Specific Conditions by SEAC:** 

1) PP to carry out and submit life cycle analysis report and sustainability index for each item to be used on site. 2) PP to include Quantitative Risk Assessment and mitigation measures in the On Site and Off Site Emergency Preparedness Plan duly accepted by competent authority.

#### FINAI. RECOMMENDATION

Kindly find SEAC decision above.



SEAC Meeting No: 138 th SEAC-1 Meeting Meeting Date: June 1, 2017

Signature: Name: Dr. Umakant Gangatrao Dangat Page 41 Dr. Umakant Dangat of 130 (Chairman SEAC-I)

## **SEAC-1 Meeting**

SEAC Meeting number: 138 th SEAC-1 Meeting Meeting Date June 1, 2017

**Subject:** Environment Clearance for Pacific Organics Pvt Ltd., Plot No.- N-4, Additional Ambernath MIDC, Anandnagar Ambernath East, Dist. Thane

**General Information:** Venue: Maharashtra Economic Development Council, Board Room, 3rd Floor, Y. B. Chavan Centre, Gen. Jagannathrao Bhosale Marg, Near Mantralaya, Mumbai- 400 020.

1.Name of Project	Expansion project for manufacturing of products in the category of pharmaceuticals Intermediates and Speciality chemicals.					
2.Type of institution	Private					
3.Name of Project Proponent	Rahul Kansingh Rajpurohit (Director)					
4.Name of Consultant	Goldfinch Engineering Systems Private Limited					
5.Type of project	Industrial					
6.New project/expansion in existing project/modernization/diversification in existing project	Expansion project					
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	No					
8.Location of the project	Plot No - N - 4					
9.Taluka Ambernath						
10.Village	Ambernath					
11.Area of the project	Ambernath municipal council, Ambernath-421506.					
40.700.704.40	Not Applicable					
12.IOD/IOA/Concession/Plan Approval Number	IOD/IOA/Concession/Plan Approval Number: Not Applicable					
	Approved Built-up Area: 2670					
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.)	7025 sq.m					
16.Deductions	Not applicable					
17.Net Plot area	7025 sq.m					
AOD ID III A CECLO	a) FSI area (sq. m.): Not applicable					
18.Proposed Built-up Area (FSI & Non-FSI)	b) Non FSI area (sq. m.): Not applicable					
ŕ	c) Total BUA area (sq. m.): Not applicable					
19.Total ground coverage (m2)	Not applicable					
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	NA					
21.Estimated cost of the project	90700000					

21.L3timated cost of the project	30	700000				
22.Nun	ıbe	r of	buildings	&	its	configuration

	22.Number of buildings & its configuration								
Serial number	Building Name & number		Number of floors	Height of the building (Mtrs)					
1	Not applicable		Not applicable	Not applicable					
23.Number of tenants and shops Not applicable									
24.Number of expected residents / users Not applicable									
	25.Tenant density of hectare Not applicable								
26.Height building(s)									
station to	the road earest fire	NA							

appropries Abhay Pimparkar (Secretary SEAC-I)

SEAC Meeting No: 138 th SEAC-1 Meeting Meeting Date: June 1, 2017

Signature: Name: Dr. Umakant Gangatrao Dangat Page 42 of 130 Chairman SEAC-I)

28.Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation	NA
29.Existing structure (s) if any	Manufacturing Shed and office building
30.Details of the demolition with disposal (If applicable)	Not applicable

applicable	31.Production Details								
Serial	Product	Existing (MT/M)	Proposed (MT/M)	Total (MT/M)					
Number 1	Tetra butyl ammonium bromide	130	0	130					
2	N,N Di isopropylethylamine	30	0	30					
3	N butyl bromide	50	0	50					
4	N propyl bromide	20	0	20					
5	Iso propyl bromide	10	0	10					
6	Tetra butyl ammonium hydrogen sulfate	25	0	25					
7	Lithium hydroxide	5	25	30					
8	Lithium bromide	20	0	20					
9	Lithium chloride	5	5	10					
10	Lithium carbonate	5	5	10					
11	Packing and Repacking of Tetra Butyl Ammonium Bromide,Tetra Butyl ammonium Hydrogen Sulphate & Cyanoacetamide	50	0	50					
12	Tri ethyl benzyl ammonium chloride	30	0	30					
13	Cyanoacetamide	0	50	50					
14	Cobalt Nitrate	0	2	2					
15	Cobalt Acetate	0	2	2					
16	Cobalt Carbonate	0	3	3					
17	Cobalt Chloride	0	2	2					
18	Cobalt Sulfate	0	1	1					
19	Bismuth Nitrate	0	2	2					
20	Bismuth Oxide	0	2	2					
21	Bismuth hydroxide	0	2	2					
22	Bismuth carbonate	0	3	3					
23	Bismuth oxychloride	0	2	2					
24	Nickel Nitrate	0	1	1					
25	Nickel Carbonate	0	2	2					
26	Nickel Acetate	0	1	1					
27	Nickel Sulfate	0	1	1					
28	Cadmium Nitrate	0	1	1					
29	Cadmium Acetate	0	1	1					
30	Cadmium Carbonate	0	2	2					
31	Cadmium Chloride	0	1	1					



Page 43
of 130
Signature:

Name: Dr. Umakant Gangatzao Dangat
Dr. Umakant Dangat
(Chairman SEAC-I)

							1						
32		n Sulfate		0	1			1					
33	Ammonium				1			1					
34	Molybo			0	1			1					
35	Sodium N	Molybdate		1 847 - 1 -	1			1					
					r Requir	<u>emen</u>	LT.						
		Source of wa											
		Fresh water		51									
		Recycled wa Flushing (Cl	MD):	Not applical	ole								
Recycled water - Gardening (CMD):		5											
		Swimming p make up (Cu	ool ım):	Not applical	ole								
Dry season	Dry season:  Total Water Requirement (CMD)		51				(2)						
		Fire fighting Undergroun tank(CMD):	j - d water	1 lac/liters									
Fire fighting - Overhead water tank(CMD):			j - ater	Nil			0						
		Excess treat	ed water	Not applical	Not applicable								
Source of water			MIDC										
Fresh water (CMD):		51											
	Recycled water - Flushing (CMD):			Not applicable									
		Recycled wa Gardening (	ter - CMD):	5									
		Swimming p make up (Cu	ool ım):	Not applicable									
Wet seaso	n:	Total Water Requiremen	t (CMD)	51									
		Fire fighting Undergroun tank(CMD):	r - d water	1 lac/liters									
		Fire fighting Overhead wa tank(CMD):	ı - nter	Nil									
		Excess treat	ed water	Not applical	ole								
Details of pool (If an	Swimming	Not applicabl	е										
Poor (11 all	3)			s of Tota	l water co	nsiimo	Д						
Particula		<b>Y</b>				113uille		d					
rs	Cons	sumption (CM	(עו)		Loss (CMD)		Eff	fluent (CMD)					
Water Require ment	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Tota				
Domestic	2	4	6	0.2	0.8	1	1.8	3.2	5				
Industrial Process	20	5	25	16	+1	17	4	6	10				
Cooling tower & thermopa ck	10	10	20	15	0	15	2.5	2.5	5				
Condonin	1	4	-	0	-	-	0	0	0				



Gardening





	Level of the Ground water table:	NA
	Size and no of RWH tank(s) and Quantity:	NA
	Location of the RWH tank(s):	NA
34.Rain Water Harvesting	Quantity of recharge pits:	NA
(RWH)	Size of recharge pits:	NA
	Budgetary allocation (Capital cost) :	NA
	Budgetary allocation (O & M cost) :	NA
	Details of UGT tanks if any:	UGT tank having Capacity - 1 Lac/ Lit is available which will be use for Fire fighting.
	Natural water drainage pattern:	Provided by MIDC
35.Storm water drainage	Quantity of storm water:	NA
	Size of SWD:	NA
	Sewage generation in KLD:	5
	STP technology:	Primary, Secondary and Tertiary treatment and treated water will be used for gardening.
Sewage and Waste water	Capacity of STP (CMD):	1 No. and capacity: 10 CMD
Waste water	Location & area of the STP:	Near ETP
	Budgetary allocation (Capital cost):	8 lacs
	Budgetary allocation (O & M cost):	20 thousand/M
	36.Soli	d waste Management
Waste generation in	Waste generation:	Nil
the Pre Construction and Construction phase:	Disposal of the construction waste debris:	NA
	Dry waste:	NA
	Wet waste:	NA
Waste generation	Hazardous waste:	1. Chemical Sludge from waste water treatment = 3.6 T/A; 2. Activated Carbon = 3.9 T/A
in the operation Phase:	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	NA
	Others if any:	NA
	Dry waste:	NA
	Wet waste:	NA
	Hazardous waste:	CHWTSDF, MWML, Taloja
Mode of Disposal of waste:	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	NA
	Others if any:	NA



Signature: Page 45
of 130
Name: Dr. Umakant Gangatrae Dangat
(Chairman SEAC-I)

		T	`		36 6 1	· A	Α 1	1 · A T		TTD.		
		Location(s		Manufacturing Area, Admin Area, ETP, STP area etc.								
Area requirem	ent:	Area for the of waste & material:			800 sq.m							
		Area for m	achin	inery: 405 sq.m								
Budgetary	allocation	Capital cos	st:		Included in	to tota	al cost					
(Capital co O&M cost)	ost and	O & M cos	t:		NA							
0411 (031)	<i>,</i> •	0 011 000		37.Effluent Charecterestics								
Serial					Effluent Outlet Effluer			nt	Effluent discharge			
Number	Paran	neters	Un	it		terestics		Charecterestics			standards (MPCB)	
1	p	Н	-		4	- 9		6.0	- 8.5		5.5 -9.0	
2	BOD3	270C	mg	/L	400	-650		85	- 95		<100	
3	CO	)D	mg	r/L	3000	-3500		170	- 200		<250	
4	TS	SS	mg	/L	350	-450		75	- 90		<100	
5	TI	OS	mg	/L	10000	-12000	)	1500	-2000		< 2100	
6	Oil &	Grease	mg	/L	10	-20		1	0		<10	
Amount of e (CMD):	effluent gene	ration	15									
Capacity of	the ETP:		20 CN	/ID								
Amount of t recycled :	reated efflue	ent	NA									
Amount of v	water send to	the CETP:	15 CMD									
Membershi	p of CETP (if	require):	Yes									
Note on ET	P technology	to be used	Primary , Secondary , Tertiary and treated effluent sent to CETP									
Disposal of	the ETP sluc	lge	CHW	ΓSDF,	,		1					
			38	<b>В.На</b>	zardous	Was	ste D	etails				
Serial Number	Descr	iption	Ca	ıt	UOM	Exis	ting	Proposed	To	tal	Method of Disposal	
1	Chemical S waste wate	ludge from r treatment	34	.3	T/A	3.	.6	0	3.	.6	CHWTSDF	
2	Activated	d Carbon	28	.2	T/A	T/A 3.9				.9	CHWTSDF	
			3	9.St	tacks em	issio	n De	etails				
Serial Number	Section	& units	Fu	Fuel Used with Quantity			k No.	Height from ground level (m)	Inte diam (n	eter	Temp. of Exhaust Gases	
1		oiler 2 No 'H each	TPD	, or W	tes - 2.34 rood - 1.59 al- 1.66 TPD		mon ack	30	0.	.3	-	
2	Existing Th no 2.0 la	ermopack 1 c Kcal/hr	Br. kg/Da	y, or '	te - 1500 Wood- 1000 Day		mon ack	30	0.	.3	-	
3	3 Existing D G 1 no X 200 KVA		HS	HSD or LDO - 500 lit/M		above top o	stack bove roof op of the building		0.15		-	
			40	).De	tails of <b>F</b>	uel	to be	e used				
Serial Number	Тур	e of Fuel			Existing			Proposed			Total	
1	Briquettes	or Wood or	coal		1 TPD , 1.59 TPD , 1.66 TPD respt.		0		2.34	TPD , 1.59 TPD , 1.66 TPD respt.		
2	Brique	ette or Wood		150	500 Kg/Day, 1000 Kg/Day Respt.			0		1500	1500 Kg/Day, 1000 Kg/Day Respt.	
3	HS	D or LDO			500 Lit/M			0			500 Lit/M	
41.Source	of Fuel			Local	l Market							
41.Source of Fuel 42.Mode of Transportation of fuel to site					Tanker / Truck							



Page 46
of 130
Signature:
Name: Dr. Umakant Gangetzeo Dangat
Or. Umakant Dangat
(Chairman SEAC-I)

		1100 Sq.m						
43.Green Belt Development		No of trees	to be cut	NA .				
		Number of trees to be planted :		60 Nos.				
Develop	ment	List of propagities		Pimpal, Fals	se Ashok , Neem, Pa	alm		
		Timeline for completion of plantation :		2 Years				
	44.Nu	mber and	l list of t	rees spe	cies to be plan	nted in the ground		
Serial Number		the plant		n Name	Quantity	Characteristics & ecological importance		
1	Ficus r	eligiosa	Pin	npal	5	Dust Resistant and Local Variety		
2	Polyalthia	longifolia	False	Ashok	35	sound Barrier and Local Variety		
3	Azardirac	hta indica	Ne	em	10	Dust Resistant and Medicinal Value		
4		ephalus amba	Kad	amb	3	Dust barrier and Local variety		
5	Termina	lia arjuna	Ar	jun	5	Dust barrier and Local variety		
		ntity of plan						
46.Nun	iber and	list of sl	irubs an	d bushes	species to be	e planted in the podium RG:		
Serial Number		Name		C/C Dista	nce	Area m2		
1		ia pearuviana Kanher)	a	1.5 m		15		
2	Bougaii	nvillea galvar	'a	2 m		20		
				47.Er	nergy			
		Source of particles supply:	oower	MSDCL				
		During Construction Phase: (Demand Load)  DG set as Power back-up during construction phase		NA				
				NA				
		During Op phase (Cor load):	eration nnected	80 KW				
Pov requir	ver ement:	During Opphase (Derload):	eration nand	373 KW				
	_^\	Transform	er:	NA				
DG set as Power back-up during operation phase:		ıring	200 KVA					
		Fuel used:		HSD or LDO				
Details of high tension line passing through the plot if any:		NA						
		48. <b>Ene</b>	rgy savi	ng by no	n-convention	al method:		
Nil								
		49	9.Detail	calculati	ons & % of sa	ving:		
Serial Number	E	nergy Cons	ervation M	leasures Saving %				
1			NA			NA		







	50.Details of pollution control Systems							
Source	Existing pollution control system Proposed to be installed							
Boiler	Combine Stack	cyclone						
Thermopack	Combine Stack	cyclone						
DG	Stack	Stack						

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

Capital cost:

O & M cost: 9.07 Crs.

# 51.Environmental Management plan Budgetary Allocation

a) Construction phase (with Break-up):
----------------------------------------

Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)					
1	NA	-						
b) Operation Phase (with Break-up):								

		, - p	- (	, .	
Serial Number Component		Description	Capital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)	
1	Cyclone	For dust collection	6.0	0.5	
2	Stack	for dispertion	6.5	1.2	

# 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
Tri n butyl amine	Liquid	Dyke	40	40	82	Imports	Tanker
N butyl bromide	Liquid	Dyke	20	20	65	Local	Truck
Acetonitile	Liquid	Dyke	10	10	6.5	Local	Truck
Ethyl acetate	Liquid	Dyke	25	25	50	Local	Tanker
Di ethyl sulphate	Liquid	Dyke	20	20	40	Local	Tanker
Di iso propyl amine	Liquid	Dyke	25	25	25	Imports	Tanker
Caustic soda lye	Liquid	Dyke	15	15	15	Local	Tanker
Liquid bromine	Liquid	Dyke	20	20	75	Local	Truck
N butanol	Liquid	Dyke	20	20	40	Local	Tanker
Sulfer	Solid	open yard	5	5	4.5	Local	Truck
N propanol	Liquid	Dyke	10	10	10	Local	Tanker
Iso propanol	Liquid	Dyke	10	10	10	Local	Tanker
Sulfuric acid	Liquid	Dyke	15	15	8	Local	Tanker
Methyl cyano acetate	Liquid	Dyke	20	20	60	Imports	Truck
Methanol	Liquid	Dyke	5	5	5	Local	Tanker
Ammonia gas	Gas	Cylinder	2	2	10	Local	Truck
Tri ethyl amine	Liquid	Dyke	15	15	15	Local/Imports	Tanker
Benzyl chloride	Liquid	Dyke	15	15	18	Local	Truck
Ethylene di chloride	Liquid	Dyke	10	10	6	Local	Tanker
Lithium carbonate	Solid	Covered storage	15	15	30	Local/ Imports	Truck
Hydrobromic acid	Liquid	Dyke	20	20	40	Local/ Imports	Truck
Hydrochloric acid	Liquid	Dyke	10	10	30	Local	Tanker
Sodium carbonate	Solid	Store Room	10	10	10	Local	Truck
Lithium sulfate solution	Liquid	Dyke	20	20	20	Local	Tanker
Activated carbon	Solid	Store Room	2	2	0.5	Local	Truck
Cobalt metal	Solid	Store Room	2	2	1	Local	Truck
Bismuth metal	Solid	Store Room	5	5	2	Local	Truck



SEAC Meeting No: 138 th SEAC-1 Meeting Meeting Date: June 1, 2017

Signature: Name: Dr. Umakant Gangatrao Dangat Page 48 | Dr. Umakant Dangat of 130 | (Chairman SEAC-I)

Nickel metal	Solid	Store Roon	n I	2	2	1	Local	Truck		
Cadmium metal	Solid	Store Roon		2	2	1	Local	Truck		
Molybdenum tri oxide	Solid			2	2	1	Local	Truck		
Nitric acid	Liquid	Dyke		10	10	5	Local	Tanker		
Liquid ammonia	Liquid	Dyke		10	10	5	Local	Tanker		
Ammonium bi carbonate	Solid	Store Roon	n	5	5	2	Local	Truck		
Sodium bi carbonate	Solid	Store Roor	n	5	5	2	Local	Truck		
Sodium hydroxide	Solid	Store Room	n	5	5	1	Local	Truck		
		52.A	ny O	ther Inf	formatio	n				
No Information Availa	ble									
	_	53.	Traff	ic Mana	agement	t				
	Nos. of to the n design conflue	the junction nain road & of nce:	NA							
	Number baseme	r and area of nt:	NA				00			
	podia:	r and area of	NA							
	Total Parking area:		850 sq.m							
	Area pe	r car:	NA							
	Area pe	r car:	NA							
Parking details:	Wheele approve compet	Number of 2- Wheelers as approved by competent authority:		NA						
	Wheele approve compet	Number of 4- Wheelers as approved by competent authority:		NA						
	Public 7	<b>Public Transport:</b>		NA						
	Width o	of all Internal m):	6							
	CRZ/ Ri obtain,	RZ clearance if any:	NA							
	Critical areas /	ed Areas / ly Polluted Eco-sensitive nter-State	Ordina	ance factor	у - 6 КМ					
Category as per schedule of EIA Notification sheet  Court cases pending if any			5f B							
			NA							
	Other Relevant Informations			Nil						
	submitt Applica	ve you previously britted plication online MOEF Website.  Yes								
	Date of submiss	sion	18-01-			. 1				
		informa					EAC			
PP submitted the ap	plication	for the grant o	of TOR	under cat	tegory 5(f)	B1.				

agroffings Abhay Pimparkar (Secretary SEAC-I)

SEAC Meeting No: 138 th SEAC-1 Meeting Meeting Date: June 1, 2017

**DECISION OF SEAC** 

Signature: Page 49
of 130
Name: Dr. Umakant Gangatzo Dangat
(Chairman SEAC-I)

During discussion PP informed that, they have obtained consent to establish in the year 2004; PP also informed that they obtained Consent to Operate in the year 2008 and started their manufacturing operations . SEAC observed that PP have not obtained Prior Environment Clerance before starting the operations as per EIA Notification, 2006.

In view of above after detailed deliberation with PP and its accrediated consultant SEAC is of the opinion that, there seems to be a violation of the requirements of EIA Notification , 2006; Hence SEAC decided to refer the propsosal to SEIAA for further necessary action/decision.

**Specific Conditions by SEAC:** 

#### RECOMMENDATION

SEAC-I decided to refer the proposal to SEIAA/Environment Department for verification of above mentioned violation.

apportung Abhay Pimparkar (Secretary SEAC-I)

SEAC Meeting No: 138 th SEAC-1 Meeting Meeting Date: June 1, 2017

Page 50 of 130

Signature: Name: Dr. Umakant Gangetrao Dangat Dr. Umakant Dangat (Chairman SEAC-I)

## **SEAC-1 Meeting**

SEAC Meeting number: 138 th SEAC-1 Meeting Meeting Date June 1, 2017

 $\textbf{Subject:} \ \, \textbf{Environment Clearance for Aarti Industries Limited . Plot No. D-53, 54, 55, 56, 57, 59, 60 M.I.D.C. phase II Dombivali, Dist.-Thane$ 

**General Information:** Venue: Maharashtra Economic Development Council, Board Room, 3rd Floor, Y. B. Chavan Centre, Gen. Jagannathrao Bhosale Marg, Near Mantralaya, Mumbai-400 020.

D. Chavan Centre, Gen. Jagann	athrao Bhosale Marg, Near Mantralaya, Mumbal- 400 020.			
1.Name of Project	Proposed expansion project of manufacturing of API intermediates and Specialty Chemicals			
2. Type of institution	Private			
3.Name of Project Proponent	Mr. Narendra Salvi			
4.Name of Consultant	Goldfinch Engineering Systems Private Limited, Thane			
5.Type of project	Not applicable			
6.New project/expansion in existing project/modernization/diversification in existing project	Expansion			
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	No			
8.Location of the project	Plot No. D-53, 54, 55, 56, 57, 59, 60			
9.Taluka	Kalyan			
10.Village	Sagarli			
11.Area of the project	Municipal corporation			
12 IOD/IOA/O	NA			
12.IOD/IOA/Concession/Plan Approval Number	IOD/IOA/Concession/Plan Approval Number: NA			
	Approved Built-up Area: 4573			
13.Note on the initiated work (If applicable)	Nil			
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	NA			
15.Total Plot Area (sq. m.)	5760 m2			
16.Deductions	Not applicable			
17.Net Plot area	Not applicable			
10 D	a) FSI area (sq. m.): Not applicable			
18.Proposed Built-up Area (FSI & Non-FSI)	b) Non FSI area (sq. m.): Not applicable			
,	c) Total BUA area (sq. m.): Not applicable			
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	342300000			

22. Number of buildings & its configuration

Serial number Buildin		g Name & number	Number of floors	Height of the building (Mtrs)				
1 N		Not applicable	Not applicable	Not applicable				
23.Number of tenants and shops		Not applicable						
24.Number expected rusers		Not applicable						
25.Tenant per hectar		Not applicable						
26.Height of the building(s)								
27.Right of the from the notation to the proposed has been stated as the front of t	the road earest fire the	NA						



SEAC Meeting No: 138 th SEAC-1 Meeting Meeting Date: June 1, 2017 Name: Dr. Umakant Gangatzo Dangat
Dr. Umakant Dangat
(Chairman SEAC-I)

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	Existing (MT/M) Proposed (MT/M)		Total (MT/M)				
1	Venalfaxine Hydrochloride	0.03	(-) 0.03	00				
2	Bambuterol Hydrochloride	0.025	0.392	0.417				
3	Fluticasone propionate	0.01	(-)0.002	0.008				
4	Budesonode (TTR)	0.02	(-) 0.02	00				
5	Triamcinolone Acetamide	0.004	(-) 0.004	00				
6	R-Salbutamol Sulphate	0.013	0.82	0.833				
7	Ipratopium Bromide	0.008	(-) 0.008	00				
8	Deferiprone	0.025	0.392	0.417				
9	Ranolazine	0.2	(-) 0.2	00				
10	Budesonode (TTR) / PAN - IV / FLY -X / BA - III / TV-INT	0.148	0.069	0.217				
11	Peridopril Erbumine	00	0.167	0.167				
12	TTR IV	00	0.083	0.083				
13	Fluticasone Furoate	00	0.0042	0.0042				
14	FLY VIII	00	0.433	0.433				
15	Phenylpherine Hydrochloride	0.4	0.85	1.25				
16	PR Products	00	2	2				
17	16 alpha I / 16 alpha II / 16 alpha III	00	0.125	0.125				

32.Total Water Requirement

Source of water Not applicable

Fresh water (CMD): Not applicable

Recycled water - Flushing (CMD): Not applicable

Recycled water - Gardening (CMD): Not applicable

Swimming pool make up (Cum): Not applicable

Dry season:

Recycled water - Gardening (CMD):

Swimming pool make up (Cum):

Not applicable

Total Water Requirement (CMD) :

Fire fighting - Underground water tank(CMD):

Fire fighting - Overhead water tank(CMD):

Excess treated water

Not applicable

Not applicable



SEAC Meeting No: 138 th SEAC-1 Meeting Meeting Date: June 1, 2017



					_						
		Source of wa		Not applicable							
		Fresh water		Not applicable							
		Recycled wat Flushing (CM	ID):	Not applicable							
		Recycled wat Gardening (C	CMD):	Not applicab	ole						
		Swimming po make up (Cu	ool m):	Not applicab	ole						
Wet season	n:	Total Water Requirement :	(CMD)	Not applicab	ole						
		Fire fighting Underground tank(CMD):	- l water	Not applicab	ole						
		Fire fighting Overhead wa tank(CMD):	- ter	Not applicab	ole			3			
		Excess treate	ed water	Not applicab	ole						
Details of Spool (If an	Swimming y)	Not applicable	<b>)</b>								
		33	Detail	s of Total	l water co	nsume	d				
Particula rs	Cons	umption (CM	D)	I	oss (CMD)		Eff	fluent (CMD)			
Water Require ment	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total		
Domestic	8.5	17.5	26	1.7	4.3	6	6.8	13.2	20		
Industrial Process	27	18	45	17	10.8	27.8	10	7.2	17.2		
Cooling tower & thermopa ck	10	50	60	7	35.2	42.2	3	14.8	17.8		
				4							
		Level of the 0 water table:	Ground	NA							
		Size and no o tank(s) and Quantity:	of RWH	NA							
		Location of the RWH tank(s):		NA							
		Quantity of r	echarge	NA							
34.Rain V Harvestii (RWH)	Nater ng	Size of recha	rge pits	NA							
(20022)		Budgetary al (Capital cost	location ) :	NA							
	6y	Budgetary al (O & M cost)	location	NA NA							
		Details of UGT tanks if any:		1. Methanol (25 KL) 2. IPA (25 KL) 3. Toluene (25 KL) 4. Acetone (25 KL) 5. Ethyl Acetate (25 Kl)							
2.		Natural wate drainage pat		Provided by	MIDC						
35.Storm drainage	water	Quantity of s water:	torm	NA							
		Size of SWD:		NA							







		Sewage ge	neration	20						
		STP techn	oloav:	Conventional technology will be used						
		Capacity of STP (CMD):		1 No. 25 CMD						
Sewage Waste w	and ater	Location & the STP:	area of	Near ETP						
		Budgetary (Capital co	allocation ost):	Rs 2500000						
		Budgetary (O & M co	allocation st):	100000						
		[	36.Soli	d waste Management						
Waste gen	eration in	Waste gen		Nil						
the Pre Co and Constr phase:	nstruction	Disposal o constructi debris:		Nil						
		Dry waste:		NA						
		Wet waste	•	NA						
Waşte ge	noration	Hazardous	waste:	kindly refer point no. 45	5					
in the op Phase:	eration	Biomedica applicable		NA						
		STP Sludg sludge):	e (Dry	250 kg						
		Others if a	ny:	NA						
		Dry waste:		NA						
		Wet waste:		NA						
Mode of	Dienocal	Hazardous waste: Biomedical waste (If		CHWTSDF, MWML, Taloja						
of waste:	Disposai	applicable	):	NA						
		STP Sludg sludge):		Will be use as manure for gardening						
		Others if a	ny:	NA						
		Location(s	):	Production Area, Raw Material & Products Storage Area, Of Building, STP & ETP , Parking						
Area requirem	ent:	Area for the of waste & material:		Dedicated area is allocated near ETP						
		Area for m	achinery:	3707.31 m2						
Budgetary (Capital co	allocation	Capital co	st:	Rs 342300000						
O&M cost)	:	O & M cos	t:	Rs 3400000						
			37.Ef	fluent Charecter	estics					
Serial Number	Paran	neters	Unit	Inlet Effluent Charecterestics	Outlet Effluent Charecterestics	Effluent discharge standards (MPCB)				
1	p	Н	-	7-8	ZLD	5.5-9.0				
2		DD	mg/lit	2500-3500	ZLD	<100				
3		OD mg/lit		5000-6000	ZLD	<250				
4		TDS mg/lit		2000-300	ZLD	<2100				
5 Oil & Grease mg/lit Amount of effluent generation 35 CMD			mg/lit 35 CMD	<20 ZLD <10						
(CMD):			35 CMD							
	reated efflue	ent	35 CMD							
			ZLD							
			Yes							
Membership of CETP (if require):			100							



Page 54 of 130 Signature:

Name: Dr. Umakant Gangetrao Dangat

Chairman SEAC-I)

Note on FT	P technology	to he used	Primary Se	econdary, Te	rtiarv	MFF	& 71.D			
	Disposal of the ETP sludge CHWTSDF									
2 topoour or	<u> </u>	-90		zardous	Was	te D	etails			
Serial Number	Descr	iption	Cat	UOM	Exist		Proposed	Total	Method of Disposal	
1	Spent Mot	her Liquor	28.4	MTPA	12	0	120	240	Sale to authorized party	
2	ETP S	Sludge	34.3	MTPA	0.3	33	00	0.33	CHWTSDF, MWML, Taloja	
3	Spent	Carbon	28.2	MTPA	6		1	7	CHWTSDF, MWML, Taloja	
4	Expired, I Dru	Discarded ıms	28.3	MTPA	0.0	)2	0	0.02	Collection, decontaminations, storage, reuse/sale to authorized recycler	
5	Spent ( Solv	Organic rents	28.5	MTPA	0.0	)2	0	0.02	CHWTSDF, MWML, Taloja	
6	Used/s	pent oil	5.1	MTPA	0	١	5.6	5.6	Sale to authorized party	
7	Process wa	ste residue	28.1	MTPA	0		3	3	CHWTSDF, MWML, Taloja	
8		ated filter igs	36.1	MTPA	0.	4	1.2	1.6	CHWTSDF, MWML, Taloja	
9	MEE	salts	37.3	MTPA	7.	5	0	7.5	CHWTSDF, MWML, Taloja	
39.Stacks emission Details										
Serial Number	Section			Used with stack		No.	Height from ground level (m)	Internal diameter (m)	Temp. of Exhaust Gases	
1	Boiler ( on & one op	ne stand by perating)	FO = 2.4 T/Day		comb sta	ined	30	0.4	150 deg. C	
2	stand b	oack ( one y & one ating )	LDO = 0.4 T/Day		comb sta	ined	22	0.25	150 deg. C	
3	DG Sets	( no 04)	HSD = 3	7 Lit/Day	sepa sta	rate	4.2-5	0.15	125 deg. C	
			40.De	tails of <b>F</b>	uel t	to be	e used			
Serial Number	Тур	e of Fuel	77	Existing			Proposed		Total	
1		L.D.O		144 kg/hr			264 kg/hr		408 kg/hr	
2		FO		50 lit/hr			50 lit/hr		100 lit/hr	
3		HSD		37 lit/day			00		37 lit/day	
41.Source o				ompanies						
42.Mode of	Transportat	ion of fuel to	site By R	oad						
		- · · · ·		242						
Total RG area : No of trees to be				612 sq. m.						
			No tree wil	l be cu	t					
43.Gree	43.Green Belt Development  Number of be planted List of property			250	andia I	07774	volio amirro	Figure here	longio Figuro malinina	
Develop	ment	List of pro- native tree	posed s :	Azardiracht spectabillis	ta indic	a, Siz	igium cumin	rīcus penga. i, Cassia fist	lensis, Ficus religiosa, cula, Bougainvillea	
		Timeline for completion plantation	ı of	Within Five year						



Page 55 of 130 Signature:

Name: Dr. Umakant Gangetreo Dangat

Dr. Umakant Dangat

(Chairman SEAC-I)

	44.Nu	mber and	l list of t	rees spe	cies to b	e plante	ed in the ground	
Serial Number		the plant		n Name		ntity	Characteristics & ecological importance	
1	Termina	Terminalia arjuna A		jun	2	5	pollution resistant and Native	
2	Tectona	grandis	Teak	, saag	25		pollution resistant and Native	
3	ficus be:	ngalensis	Va	ıad	1	0	pollution resistant and Native	
4	Ficus r	eligiosa	Pin	npal	1	0	pollution resistant and Native	
5	Azardirad	hta indica	Ne	em	2	5	pollution resistant and Native	
6	Syzigiui	n cumini	Jan	nun	3	0	pollution resistant and Native	
7	cassia	fistula	Bah	ıava	2	5	pollution resistant and Native	
8	Bouga spect	invillea abillis	Boug	anvel	2	5	pollution resistant and Native	
9	Lantana	a camara	Gha	neri	7	5	pollution resistant and Native	
45	.Total qua	ntity of plan	ts on grou	nd				
<b>46.Nun</b>	nber and	list of sl	nrubs an	d bushes	species	to be p	lanted in the podium RG:	
Serial Number		Name		C/C Dista			Area m2	
1		NA		NA			NA	
			'	47.Eı	nergy			
		Source of participation supply:	power	MSEDCL	- 3 <b>1</b> 3			
		During Cor Phase: (De Load)	nstruction emand	NA NA				
	DG set as Power back-up during construction phase			er J hase				
		During Op phase (Cor load):	eration	Existing: 990 KW; Proposed: 1510 KW				
Pov require		During Op phase (Der load):	eration mand	Existing: 512 KW; Proposed: 848 KW				
		Transform	er:	Existing: 912 KVA; Proposed: 1630 KVA				
		DG set as l back-up du operation	Power uring	wer Existing 04 DG with capacity 250 KVA (2 No.); 380 KVA (1				
		Fuel used:		HSD				
		Details of tension lin through thany:	high le passing le plot if	No high tension line passing through through the plot				
			rgy savi	ng by no	n-conver	ntional r	method:	
Nil	<b>A</b> A .	<b>V</b>	33 1	<i>y</i> - <i>y</i> ==0.				
-		1	9 Detail	calculati	ons & %	of savir	uu.	
Serial	5)				J113 Ct /0	or savii		
Number	Energy Conservation Mea			easures			Saving %	
1			NA				NA	
		50	.Details	of pollut	ion cont	rol Syste	ems	
Source	Ex	isting pollu					oposed to be installed	
Air			adequate hei			Stack of adequate height		
Water			RO and MEE				ETP ,RO and MEE	
Noise			tic enclosure			Acoustic enclosure		
Solid								
Waste	Disposal to MWML						Disposal to MWML	



Page 56
of 130
Signature:

Name: Dr. Umakant Gangetzeo Dangat
Or. Umakant Dangat
(Chairman SEAC-I)

Budgetary (Capital	allocation	Capital co	st:	20 lak						
O&M	cost):	O & M cos	st:	40 lak						
51	51.Environmental Management plan Budgetary Allocation									
	a) Construction phase (with Break-up):									
Serial Number	Attri		Parai		eter Total Cost per annum (Rs. In Lacs)					
1	N	A	N	A			NA			
		h	) Operat	ion Ph	nase (wi	th Breal	k-up):			
Serial Number	Comp	onent	Descr	iption	Cap	ital cost Rs Lacs		tional and ost (Rs. in	Maintenance Lacs/yr)	
1	Air polluti	on control	2 no.	stacks		10		0.5		
2	Water F	Pollution	E.	ГР		340		16		
3	Domestic	Effluent	S	ΓР		20		1		
4	No	ise	Acoustic e	enclosure	es	5		nil	<b>y</b>	
5		mmisions	5 no. Sc			30		5		
51.S	torage	of che	micals	(infl sub	amabl stance	e/expl es)	osive/haz	zardou	s/toxic	
Descrip	otion	Status	Location	n	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	
Metha	nol	Liquid	Under Gro	und	25 KL	25 KL	20	Local	Road	
IPA	Λ	Liquid	Under Gro	und	25 KL	25 KL	10	Local	Road	
Tolue	ene	Liquid	Under Gro	und	25 KL	25 KL	5	Local	Road	
Aceto	one	Liquid	Under Gro	und	25 KL	25 KL	20	Local	Road	
Ethyl Ac	cetate	Liquid	Under Gro		25 KL	25 KL	5	Local	Road	
Ammo		Liquid	Tank fari		5 KL	5 KL	1	Local	Road	
MD		Liquid	Tank Far		5 KL	5 KL	2	Local	Road	
Acetic An	hydride	Liquid	Tank Far		5 KL	5 KL	1	Local	Road	
			52.A	ny Ot	her Into	rmation	1			
No Informat	tion Availabl	e								
			$\overline{}$	Traffi	c Mana	gement				
	Nos. of the junction to the main road & design of confluence:  Nos. of the junction to the main road & design of confluence:									

	Number and area of basement:	Nil
	Number and area of podia:	Nil
	Total Parking area:	276.72
	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):	3 m
	CRZ/ RRZ clearance obtain, if any:	NA
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	no protected area in 10 km circle
	Category as per schedule of EIA Notification sheet	5 (f) B (1)
	Court cases pending if any	Nil
	Other Relevant Informations	NA.
	Have you previously submitted Application online on MOEF Website.	Yes
	Date of online submission	07-02-2017

Brief information of the project by SEAC

PP submitted application for the grant of TOR for their manufacturing unit located at plot No. D-53, D-54, D-55, D-56, D-57, D-59, D-60 in Phase - II , Dombivali Industrial Area.

PP informed that all these plots were in different name that is Aarti Health care, Aarti Petrochem, Alchemi Dyechem, Medix lab, Auromic Chemicals, Argentina Pvt. Ltd. etc. All these plots are now transferred to M/s Aarti Industry in the year 2002.

PP also informed that all these plots are having individual entity and not amalgamated yet by the Maharsahtra Industrial Development Corporation (MIDC).

PP also informed that there are no chages in the production quantity, product mix, pollution load or any other environmental parameter since the year 2002.

#### DECISION OF SEAC



Page 58 of 130 (

Signature:
Name: Dr. Umakant Gametrae Dangat
Dr. Umakant Dangat
(Chairman SEAC-I)

SEAC deliberated the isuue with PP and his accrediated consultant regarding the status of the plots and its amalgamation. Upon discussion SEAC observed that the plots are not amalgamated and have seperate identity and it will be very diffcult to issue one Environemnt Clearance for such seperate plots.

In view of above PP requested SEAC to reject this application and will submit seperate application as per amalgamation of the plots.

Hence on PP's request SEAC decided to rejct the proposal for above reasons.

**Specific Conditions by SEAC:** 

#### FINAL RECOMMENDATION

Peasons.

Peason

apportunit Abhay Pimparkar (Secretary SEAC-I)

SEAC Meeting No: 138 th SEAC-1 Meeting Meeting Date: June 1, 2017

Page 59 of 130

Signature: Name: Dr. Umakant Gangatrao Dangat Dr. Umakant Dangat (Chairman SEAC-I)

## **SEAC-1 Meeting**

SEAC Meeting number: 138 th SEAC-1 Meeting Meeting Date June 1, 2017

**Subject:** Environment Clearance for DHARAMSI MORARJI CHEMICAL CO.LTD. Plot No.: 105, Dhatav MIDC, Roha, Raigad.-402116, Maharashtra.

**General Information:** Venue: Maharashtra Economic Development Council, Board Room, 3rd Floor, Y. B. Chavan Centre, Gen. Jagannathrao Bhosale Marg, Near Mantralaya, Mumbai- 400 020.

D. Chavan Centre, Gen. Jayanin	adili ao bilosale Marg, Near Malidialaya, Mullibar 400 020.				
1.Name of Project	Expansion of existing Synthetic organic chemicals and Specialty Chemicals manufacturing facility				
2.Type of institution	Private				
3.Name of Project Proponent	Mr. Shirish Pandit				
4.Name of Consultant	Goldfinch Engineering Systems Private Limited, Thane.				
5.Type of project	Not applicable				
6.New project/expansion in existing project/modernization/diversification in existing project	Expansion in existing project				
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	NO				
8.Location of the project	Plot No. 105, MIDC Dhatav				
9.Taluka	Roha				
10.Village	Dhatav				
11.Area of the project	MIDC				
42.400/204/2	NA				
12.IOD/IOA/Concession/Plan Approval Number	IOD/IOA/Concession/Plan Approval Number: NA				
FF .	Approved Built-up Area: 44000				
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.)	88355 Sq.m.				
16.Deductions	Not applicable				
17.Net Plot area	Not applicable				
	a) FSI area (sq. m.): Not applicable				
18.Proposed Built-up Area (FSI & Non-FSI)	b) Non FSI area (sq. m.): Not applicable				
	c) Total BUA area (sq. m.): Not applicable				
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	940700000				

=1.125timated cost of the project		010700000			
22.Nun	N	per of buildings	&	its	configuration

	22. Number of buildings & its configuration									
Serial number Buildir		ng Name & number	Number of floors	Height of the building (Mtrs)						
1	1	Not applicable	Not applicable	Not applicable						
23.Number of tenants and shops		Not applicable								
24.Number of expected residents / users		Not applicable								
25.Tenant per hectar		Not applicable								
26.Height building(s)										
27.Right of way (Width of the road from the nearest fire station to the proposed building(s)		10 m								

appropriately Abhay Pimparkar (Secretary SEAC-I)

SEAC Meeting No: 138 th SEAC-1 Meeting Meeting Date: June 1, 2017

Signature: Name: Dr. Umakant Gangatrao Dangat Page 60 Dr. Umakant Dangat of 130 (Chairman SEAC-I)

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

applicable	31.Production Details								
Serial Number	Product	Existing (MT/M)	Proposed (MT/M)	Total (MT/M)					
1	Sulfamic Acid	500	0	500					
2	Diethyl Sulfate	200	100	300					
3	Benzenesulfonyl Chloride	570	30	600					
4	Sulfuric Acid	8333	0	8333					
5	Oleum	4167	0	4167					
6	Sulfur Trioxide	2750	0	2750					
7	Sodium Vinyl Sulfonate/Other Sulfonates	150	50	200					
8	Phenol Sulfonic acid	50	0	50					
9	Chlorosulfonic acid	2000	0	2000					
10	Diethyl Ether	50	150	200					
11	Benzenesulfonic Acid/Other sulfonic Acids	20	0	20					
12	N-Phenyl Benzene sulfonamide	50	50	100					
13	Methanesulfonic Anhydride	5	0	5					
14	Para Chloro Benzenesulfonyl Chloride	25	0	25					
15	4,4â?? Dihydroxy Diphenyl Sulfone	0	30	30					
16	3,3â?? Dinitro Diphenyl Sulfone	0	30	30					
17	3,3â?? Diamino Diphenyl Sulfone	0	20	20					
18	Diphenyl sulfone	0	100	100					
19	Para Chloro Thiophenol	0	10	10					
20	Bis(4-Chlorophenyl) Disulfide	0	10	10					
21	Thiophenol	0	20	20					
22	4-Methyl Mercapto Acetophenone	0	10	10					
23	Silicon Sulfate	0	10	10					
24	Para Nitro Benzenesulfonyl Chloride	0	10	10					
25	Lasamide	0	10	10					
26	Diethyl Phthalate	0	100	100					
27	Dimethyl Phthalate	0	100	100					



Signature: Page 61 Dr. Umakant Gangetico Dangat of 130 Chairman SEAC-I)

28	Potassiu Sulfonate	m salt of ed Sulfone	(	)	10	10	
29	N-B Benzenesı	utyl ılfonamide	(	)	10	10	
30	Methyl Benzenesu	Ester of Ilfonic Acid	(	)	5	5	
31	Ethyl e Benzenesu	ester of Ilfonic Acid	(	)	5	5	
32	Para ( Benzenesu	Chloro Ilfonic Acid	(	)	10	10	
33		enesulfonic cid	(	)	10	10	
34	3,5 Dichlo Chlo	orobenzoyl oride	(	)	10	10	
35	Dimethy	l Aniline	(	)	80	80	
36		hyl Aniline	(	)	20	20	
37	Diethyl	Aniline	(	)	30	30	
38	Mono Met	hyl Aniline	(	)	70	70	
39	Sodium Is	sethionate	(	)	10	10	
40		Dichloro l Sulfone	(	)	10	10	
41		â?? Amino 'l Sulfide	(	)	5	5	
42	1,3 Dichlo	robenzene	(	)	10	10	
43	1,3 Benzen Chlo	edisulfonyl oride	(	)	10	10	
44	chloros	Bis ( ulfonyl) chloride	(	)	10	10	
45	Menthyl	Lactate	(	)	5	5	
46	Fluro Sul	fonic Acid	(		300	300	
	!	3	2.Tota	l Wate	r Requiremen	t	
		Source of		Not applica			
		Fresh wate	er (CMD):	Not applica			
		Recycled w	vater -	Not applica			
	Recycled w		vater - (CMD):	Not applica	ble		
	Swimming make up (0 Dry season: Total Wate		pool	Not applica	ble		
Dry seasor			Total Water Requirement (CMD)		Not applicable		
tank(CN Fire fig Overhea		Fire fighting Undergroutank(CMD	ng - ind water ):	Not applica	ble		
		Fire fighting Overhead tank(CMD)	water	Not applica	ble		
		Excess trea	ated water	Not applica	ble		
	<u> </u>						



		Source of wa	tor	Not applicab	ale.					
		Not applicable  Not applicable								
		Recycled wat	, ,							
		Flushing (CN	1D):	Not applicab	ole					
		Recycled wat Gardening (	CMD):	Not applicab	ole					
		Swimming po make up (Cu	ool m):	Not applicab	ole					
Wet season	1:	Total Water Requirement	(CMD)	Not applicab	ole					
		Fire fighting Underground tank(CMD):	- l water	Not applicab	ole					
		Fire fighting Overhead wa tank(CMD):	- ter	Not applicab	ole			S		
		Excess treate	ed water	Not applicab	ole					
Details of Spool (If any	Swimming y)	Not applicable	)							
		33	.Detail	s of Total	water co	nsume	d			
Particula rs	Cons	sumption (CM	D)	I	oss (CMD)	C	Eff	fluent (CMD)		
Water Require ment	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total	
Domestic	17	3	20	3	1	4	14	2	16	
Industrial Process	307	50	357	202	40	242	105	10	115	
Cooling tower & thermopa ck	751	167	916	656	147	803	95	20	115	
Gardening	75	0	75	75	0	75	0	0	0	
		•	4	7						
		Level of the water table:	Ground	NA						
		Size and no tank(s) and Quantity:	of RWH	NA						
		Location of t tank(s):	he RWH	NA						
34.Rain V	Vater	Quantity of r	echarge	NA						
Harvestir (RWH)	ng (	Size of recha:	rge pits	NA						
	CY	Budgetary al (Capital cost	location ) :	NA NA						
		Budgetary al (O & M cost)	location	NA						
		Details of UC if any:		Benzene Sto	rage Tank Car	acity- 30	KLD			
		J								
		Natural wate drainage pat		MIDC						
35.Storm drainage	water	Quantity of swater:		NA						
		Size of SWD:		NA						



Signature: Page 63
of 130
Name: Dr. Umakant Gangatrae Dangat
(Chairman SEAC-I)

		Sewage ge	neration	16					
		in KLD:	-l		·				
		STP techno		primary, secondary, tertiary					
Sawaga and		Capacity of STP (CMD):		01 and capacity is 20 CM	01 and capacity is 20 CMD				
Waste w	Sewage and Waste water		area of	near ETP					
		Budgetary (Capital co	allocation st):	18.5 Lac					
		Budgetary (O & M cos	allocation st):	1.09 lac					
36.Solie				d waste Management					
Waste gen the Pre Co	eration in	Waste gen	eration:	Minimal quantity of debiron / steel scrap and ca construction.	ris, scraps, excavated so rdboards waste could be	il, used cement bags, generated during			
and Constr phase:		Disposal of construction debris:		will be used for Land fill	ing	0,5			
		Dry waste:		Waste paper from admir etc.	nistrative buildings, wast	te metals, kitchen waste			
		Wet waste:		garden waste	70				
Waște ge	eneration eration	Hazardous	waste:	kindly refer point no. 45					
in the op Phase:	eration	Biomedical waste (If applicable):		NA					
		STP Sludge (Dry sludge):		9 Kg/D					
		Others if a	ny:	NA					
		Dry waste:		Waste paper and metal will be given to recyclers, and kitchen waste will be converted into manure.					
		Wet waste:		Used as manure					
Mode of	Disnosal	Hazardous waste:		CHWTSDF, MWML , Taloja					
of waste:	Disposui	Biomedical waste (If applicable):		NA					
		STP Sludge (Dry sludge):		STP sludge will be use as a manure for gardening					
		Others if any:		NA					
		Location(s):		Raw material and product storage area , ETP , Office Building , Parking , Residential colony Area.					
Area requirem	ent:	Area for the storage of waste & other material:		400 Sq.m.					
		Area for m	achinery:	Existing Plant Area -7200 Proposed plant area-1500					
Budgetary (Capital co	allocation	Capital cos	st:	NA					
O&M cost)		O & M cos	t <b>:</b>	2000000					
	C		37.Ef	fluent Charecter	estics				
Serial Number	Paran	neters	Unit	Inlet Effluent Charecterestics	Outlet Effluent Charecterestics	Effluent discharge standards (MPCB)			
1	р	Н		3-4	7-7.5	5.5 -9.5			
2	BOD3	270C	mg/L	1000-1500	70-80	<100			
3	COD		mg/L	2500-3000	2500-3000 200-250 <250				
4	TSS		mg/L	300-350	300-350 50-80 <100				
5	Oil & Grease		mg/L	10 â?? 20	5-6	<10			
6		OS	mg/L	25003500	15001900	<2100			
7		hate	mg/L	300500	50â??100	1000			
8		ride	mg/L	100250	100â??250	600			
9	% Na		mg/L	30â??50	3050	60 %			



Page 64 of 130

Signature:

Name: Dr. Umakant Gangetreo Dangat

(Chairman SEAC-I)

10	11 7	ΓAN	m	g/L	100-	130	30-	45	50	
Amount of 6	effluent gene			0 CMD						
(CMD): Capacity of the ETP:				300 CMD						
1 5	reated efflue	ent	NA							
Amount of v	water send to	the CETP:	230 (	CMD						
Membershi	p of CETP (if	require):	YES							
Note on ET	P technology	to be used	Prim	ary , S	econdary, ar	nd Tertiary T	reatment 'reatment			
Disposal of	Disposal of the ETP sludge CHWTSDF									
			3	<b>8.H</b> a	zardous	Waste I	<b>Details</b>			
Serial Number	Descr	iption	С	at	UOM	Existing	Proposed	Total	Method of Disposal	
1	Chemical S Waste wate	ludge from r treatment	34	4.3	Kg/D	833	109	942	CHWTSDF,Taloja	
2		, Dust or cakes	17	7.1	Kg/D	203	130	333	CHWTSDF,Taloja/sale	
3	Spent	catalyst		7.2	Ltrs/Y	4000	00	4000	CHWTSDF Taloja	
			Ę	39.St	acks em	ission D	etails	av		
Serial Number	Section	& units	units Fuel Use Quan			Stack No.	Height from ground level (m)	Internal diameter (m)	Temp. of Exhaust Gases	
1	Boiler	5 TPH		63 k	g/hr	1	35 m	0.55	180	
2	Thermop K/0	ack 4 Lac Cal		47 k	g/hr	1	30 m	0.40	180	
3	DG KVA 83 KVA, 1	0 KVA, 310 25 KVA		210 l		3	For 830 KVA & 310 KVA (7.70 m each) 125 KVA (4.20 m)	0.20	150	
			4	0.De	tails of <b>F</b>	uel to b	e used			
Serial Number	Тур	e of Fuel	Existing		<b>&gt;</b>	Proposed			Total	
1		FO	$\mathcal{L}$		63 kg/hr	00			63 kg/hr	
2		HSD		7	47 kg/hr	00			47 kg/hr	
3		SD /LDO	210 kg/hr				00	210 kg/hr		
41.Source			<b>&gt;</b>	Local						
42.Mode of	Transportat	ion of fuel to	site	By Ro	oad					
		Total RG a No of trees		e cut	15000 Sq.n Nil	1				
12 Croo	n Polt	Number of	trees	s to	Nil					
43.Green Belt Development be planted List of pronative tree		posed	l	NA						
Timeline f completion plantation			or 1 of		NA					
	44.Nu	-		t of t	rees sne	cies to h	e plante	d in the	ground	
Serial Number		the plant			n Name				teristics & ecological importance	
1	N	Α		N	A	N	ĪΑ		NA	
45	.Total qua	ntity of plan	ts on	groui	ıd					



Page 65 of 130 Signature:

Name: Dr. Umakant Gangetrao Dangat

Chairman SEAC-I)

46.Num	ber and	list of sh	rubs an	d bushes	species to b	e plante	d in the podium RG:
Serial Number		Name		C/C Distance			Area m2
1	NA		NA			NA	
47.Energy							
		Source of p supply:	oower	MSEDCL			
			nstruction mand	NA			
		DG set as I back-up du construction	ıring	NA			
_		During Openhase (Corload):	eration inected	2373 KW			4
Pov require	ver ement:	During Open phase (Der load):	eration nand	1,620 KVA			00,
		Transform	er:	1000 KVA and	d 750		
		DG set as I back-up du operation	iring	830 KVA (1 n	o), 310 KVA (1 n	o ), 125 KVA	(1 no)
		Fuel used:		HSD/LDO			
		Details of l tension lin through th any:	e passing	Nil	200		
		Ü	rav savi	na by non-	-convention	al metho	nd:
Solar energ	v is using to			cricity per day.	CONVENCION	idi iliotiit	74.
	yy			0 1 0	ns & % of s	aving:	
Serial Number	E	nergy Cons					aving %
1		sol	ar panel			3	35 KWp
		50.	Details	of pollutio	on control S	ystems	
Source	Ex	isting pollu	tion contro	ol system		Proposed	to be installed
Existing 1 No. Boiler of 5 TPH		Stack at rec	ommended ?	height			NA
Existing 1 No.T hermopac of 4 lac Kcal/hr	•	Stack at rec	ommended :	height NA			NA
Existing 1 No.DG KVA 830 KVA (1 no), 310 KVA (1 no ), 125 KVA (1 no)	5	Stack at rec	ommended :	height	NA		
Budgetary (Capital	allocation	Capital cos	st:	1500000			
(Capital O&M		O & M cost	t:	Nil			
51	.Envir	onment	al Mar	nagemer	nt plan B	udgetai	ry Allocation
					e (with Bre		
Serial Number	Attri	butes	Para	meter			
1	N	A .		IA			A
		<b>b</b> )	) Operat	ion Phase	(with Brea	k-up):	
66	ANNS S	-					Signature:

Abhay Pimparkar (Secretary SEAC-I)

SEAC Meeting No: 138 th SEAC-1 Meeting Meeting Date: June 1, 2017 Page 66
of 130

Name: Dr. Umakant Gangatrao Dangat
(Chairman SEAC-I)

Serial Number	Component Description		Capital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)
1	Aiir pollution control	Boiler, Thermopac, Scrubber	41	188
2	water pollution control	ETP, STP	250	75
3	social & cultural activities	Education, Sport	5	5
4	Noise pollution control	Acoustic enclosure	1	1
5	occupational health	Medical check-up, First aid room	16	18
6	Green belt	Development of green belt	10	8
7	Hazardous waste storage and disposal	Transport & disposal	10	15

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
Urea	Solid	HDP Bags	25 Kgs	25 Kgs	500 Kg	Local	Road
Alcohol	Liquid	MS Tank	30 KL	30 KL	30 KL	Local	Road
Benzene	Liquid	MS Tank	30 KL	30 KL	30 KL	Local	Road
Sulfur	Solid	Yard	5000 MT	5000 MT	5000 MT	Local	Road
Phenol	Solid	GI Drums	5 MT	5 MT	5 MT	Local	Road
Benzenesulfonyl Chloride	Liquid	HMHDP Drums/Tank	60 KL	60 KL	60 KL	Local	Road
Aniline	Liquid	MS Tank	15 KL	15 KL	15 KL	Local	Road
Methanesulfonic Acid	Liquid	HMHDP Drums	0.5 MT	0.5 MT	500 Kg	Local	Road
Phosphorous Pentoxide	Solid	HMHDP Drums	0.5 MT	0.5 MT	500 Kg	Local	Road
P â??Cholro Benzene Sulfonyl Chloride	Solid	HMHDP Drums	0.5 MT	0.5 MT	500 Kg	Local	Road
p â?? Toluene Sulfonyl Chloride	Solid	HMHDP Drums	0.5 MT	0.5 MT	500 Kg	Local	Road
Methanol	Liquid	HMHDP Drums	1.5 KL	1.5 KL	1.5 KL	Local	Road
Lime	Solid	HDP Bags	0.5 MT	0.5 MT	1500 kg	Local	Road
Sodium Carbonate	Solid	HDP Bags	0.5 MT	0.5 MT	500 kg	Local	Road
Mono Chloro Benzene	Liquid	MS Tank	15 KL	15 KL	15 KL	Local	Road
Sodium Sulfide	Solid	HMHDP Drums	0.5 MT	0.5 MT	500 kg	Local	Road
P- chloroNitro Benzene	Solid	HMHDP Drums	0.5 MT	0.5 MT	500 kg	Local	Road
Benzoic Acid	Solid	HMHDP Drums	0.5 MT	0.5 MT	500 kg	Local	Road
P â?? chloroThiophenol	Solid	HMHDP Drums	0.5 MT	0.5 MT	500 kg	Local	Road
Hydrogen Peroxide	Liquid	HMHDP Drums	0.5 MT	0.5 MT	500 kg	Local	Road
Phthalic Anhydride	Solid	HMHDP Drums	0.5 MT	0.5 MT	500 kg	Local	Road
P - Toluidine	Solid	HMHDP Drums	0.5 MT	0.5 MT	500 kg	Local	Road
Caustic Lye	Liquid	MS Tank	60 KL	60 KL	60 KL	Local	Road
Potassium Carbonate	Solid	HMHDP Drums	0.5 MT	0.5 MT	500 kg	Local	Road
2,4 Dichloro Benzoic Acid	Solid	HMHDP Drums	0.5 MT	0.5 MT	500 kg	Local	Road
Chloro Sulfonic Acid	Liquid	MS Tank	100 MT	100 MT	100 MT	Local	Road
Thioanisole	Liquid	HMHDP Drums	0.5 MT	0.5 MT	500 kg	Local	Road
AlCl3	Solid	HMHDP Drums	0.5 MT	0.5 MT	500 kg	Local	Road
Acetyl Chloride	Liquid	HMHDP Drums	0.5 MT	0.5 MT	500 kg	Local	Road



SEAC Meeting No: 138 th SEAC-1 Meeting Meeting Date: June 1, 2017

Signature: Page 67 of 130 Name: Dr. Umakant Gangatza Dangat (Chairman SEAC-I)

Methyl p-Toluene Sulfonate	Solid	HMHDP Drums	0.5 MT	0.5 MT	500 kg	Local	Road
N â?? Butyl Amine	Liquid	HMHDP Drums	0.5 MT	0.5 MT	500 kg	Local	Road
Phosphoric Acid	Liquid	HMHDP Drums	0.5 MT	0.5 MT	500 kg	Local	Road
Red Phosphorus	Solid	HMHDP Drums	0.5 MT	0.5 MT	500 kg	Local	Road
p â?? Nitro Aniline	Solid	HMHDP Drums	0.5 MT	0.5 MT	500 kg	Local	Road
Sodium Nitrite	Solid	HMHDP Drums	0.5 MT	0.5 MT	500 kg	Local	Road
Hydrogen Chloride	Liquid	PP/FRP Tanks	175 MT	175 MT	175 MT	Local	Road
Toluene	Liquid	HMHDP Drums	0.5 MT	0.5 MT	500 kg	Local	Road
Silicon Oil	Liquid	HMHDP Drums	0.5 MT	0.5 MT	10 MT	Local	Road
Liquid SO3	Liquid	MS Tank	30 MT	30 MT	2450 MT	Local	Road
Potassium Iodide	Solid	HMHDP Drums	0.5 MT	0.5 MT	500 kg	Local	Road
Dinitro Diphenyl Sulfone	Solid	HMHDP Drums	0.5 MT	0.5 MT	500 kg	Local	Road
Iron Powder	Solid	HDP Bags	0.05 MT	0.05 MT	500 kg	Local	Road
Mesitylene	Liquid	HMHDP Drums	0.8 KL	0.8 KL	2.0 KL	Local	Road
Diphenyl Sulfone	Solid	HDP Bags	0.5 MT	0.5 MT	10 MT	Local	Road
Nitric Acid	Liquid	HMHDP Drums	0.5 MT	0.5 MT	500 kg	Local	Road
1,3 Benzene Disulfonyl Chloride	Liquid	HMHDP Drums	0.5 MT	0.5 MT	500 kg	Local	Road
Chlorine	Gas	Cylinder	0.5 MT	0.5 MT	500 kg	Local	Road
Hydrogen Fluoride	Gas	Cylinder	20 MT	20 MT	60 MT	Local	Road
	52.Any Other Information						
No Information Availa	No Information Available						

TO THE CO. N.					
	53.	Traffic Management			
	Nos. of the junction to the main road & design of confluence:	NA			
	Number and area of basement:	NA			
	Number and area of podia:	ÑA			
	Total Parking area:	9450 sq.m.			
	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			
55'	Public Transport:	NA			
	Width of all Internal roads (m):	6 m			
	CRZ/ RRZ clearance obtain, if any:	NA			
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	NA			
	Category as per schedule of EIA Notification sheet	5 (f) B1			





	Court cases pending if any	No
	Other Relevant Informations	NA
]	Have you previously submitted Application online on MOEF Website.	Yes
	Date of online submission	16-02-2017

## <u>Brief information of the project by SEAC</u>

#### DECISION OF SEAC

During deliberation SEAC noticed that Ministry of Environment and Forest, New Delhi has issued Directions under Section 5 of the Environment (Protection ) Act, 1986 dated 13.11.2013 and Office Memorandum dated 20.12.2013 regarding prohibition of activities in the area identified as Ecologically Sensitive Area (ESA) under the High Level Working Group (HLWG) formulated for Western Ghat by Ministry of Environment, Forest and Climate Change, Government of India, New Delh.

The direction states as following:

"The following category of new and/or expansion projects/activities shall be prohibited in the Ecologically Sensitive Area (ESA) from date of issue of these directions (that is from 13.11.2013) except those cases which have been received by EAC/MoEF or SEAC/SEIAA before the date of putting HLWG report on the web site of the Ministry that is 14.04.2013 and which are pending with EAC/MoEF or SEAC/SEIAA. Such projects will be dealt under the guidelines and rules applicable at the time of application before the respective EAC/MoEF, SEAC/SEIAA. Apart from such cases, no pending case or any fresh case shall be considered by the EAC/MoEF or SEAC/SEIAA as from the date of issue of these directions."

- 1. Mining, quarrying and sand mining.
- 2. Thermal Power Plants.
- 3. Building and Constrcution projects of 20000 Sq.m. area and above.
- 4. Township and area development projects with an area of 50 ha and above an d/or with built up area of 150000 Sq.m and above.
- **5. Red Category of Industries**

The proposal under reference fall at Sr. No. 5 above.

In view of the directions issued by MoEF, SEAC decided to reject the proposal for above reasons and refer to SEIAA for further action/decision.

**Specific Conditions by SEAC:** 

#### FINAL RECOMMENDATION

SEAC-I have decided to recommend the proposal for rejection subject to above reasons.

Abhay Pimparkar (Secretary SEAC-I)

SEAC Meeting No: 138 th SEAC-1 Meeting Meeting Date: June 1, 2017 Page 69 of 130 Signature:
Name: Dr. Umakant Gangetreo Dangat

Dr. Umakant Dangat

(Chairman SEAC-I)

#### **SEAC-1 Meeting**

SEAC Meeting number: 138 th SEAC-1 Meeting Meeting Date June 1, 2017

Subject: Environment Clearance for PUSHPAM CHEMICALS PVT LTD

**General Information:** Venue: Maharashtra Economic Development Council, Board Room, 3rd Floor, Y. B. Chayan Centre, Gen. Jagannathrao Bhosale Marg. Near Mantralaya, Mumbaj-400 020.

B. Chavan Centre, Gen. Jagann	athrao Bhosale Marg, Near Mantralaya, Mumbai- 400 020.					
1.Name of Project	PUSHPAM CHEMICALS PVT LTD					
2.Type of institution	Private					
3.Name of Project Proponent	MR. VINOD GOPAL AHUJA					
4.Name of Consultant	SGM Consulatnt Pvt Ltd					
5.Type of project	Not applicable					
6.New project/expansion in existing project/modernization/diversification in existing project	Change in Product Mix with Expansion					
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	Not applicable					
8.Location of the project	C-348, Pawane Industrial Area, Navi Mumbai					
9.Taluka	Thane					
10.Village	Pawane					
11.Area of the project	MIDC					
40 100 (50 4 (6)	Not Applicable					
12.IOD/IOA/Concession/Plan Approval Number	IOD/IOA/Concession/Plan Approval Number: Not applicable					
**	Approved Built-up Area: 880					
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.)	2100.00					
16.Deductions	Not applicable					
17.Net Plot area	Not applicable					
10.0	a) FSI area (sq. m.): Not applicable					
18.Proposed Built-up Area (FSI & Non-FSI)	b) Non FSI area (sq. m.): Not applicable					
	c) Total BUA area (sq. m.): Not applicable					
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	23800000					
22 17	4 C h!1-!					

22. Number of buildings & its configuration

Serial number	Buildin	g Name & number	Number of floors	Height of the building (Mtrs)	
1	N	Not applicable	Not applicable	Not applicable	
23.Number of tenants and shops Not applicable					
24.Number expected re users		Not applicable			
25.Tenant per hectar		Not applicable			
26.Height building(s)					
station to	the road earest fire	MIin12			

Abhay Pimparkar (Secretary SEAC-I)

SEAC Meeting No: 138 th SEAC-1 Meeting Meeting Date: June 1, 2017 Signature:
Name: Dr. Umakant Gangetseo Dangat
Dr. Umakant Dangat
(Chairman SEAC-I)

Page 70 of 130

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	Pro	duct	Existing (MT/M)		Proposed (MT/M)	Total (MT/M)						
1	Alcohols (Amyl Vinyl Carbinol, Dimetol etc)		00		1.5	1.5						
2	Girgnard compounds (Phenyl Magnesium Chloride)		00		20	20						
3	Nitrogen function compounds (Quinaldine & others)		00		25	25						
4	Ketones ( veticone)		00		10	10						
5	Hydrocarbons (Diphenyl Methane)		00		25	25						
32.Total Water Requirement												
		Source of water		Not applicable								
		Fresh water (CMD):		Not applicable								
		Recycled water - Flushing (CMD):		Not applicable								
	Recycled w Gardening Swimming make up (C Total Water Requirement : Fire fightin Undergrout tank(CMD)			Not applicable								
			pool Cum):	Not applicable								
Dry season			er ent (CMD)	Not applicable								
			nd water	Not applica	ble							
		Fire fighting - Overhead water tank(CMD):		Not applicable								
		Excess tre	ated water	Not applica	ble							



Page 71 of 130 Signature:

Name: Dr. Umakant Gangetreo Dangat
(Chairman SEAC-I)

		Source of wa	tor	Not applicab	مام					
		Source of water Fresh water (CMD):		Not applicable						
		Recycled water - Flushing (CMD):		Not applicable  Not applicable						
		Recycled water - Gardening (CMD):		Not applicable						
		Swimming pool make up (Cum):		Not applicable						
Wet season:		Total Water Requirement (CMD)		Not applicable						
		Fire fighting - Underground water tank(CMD):		Not applicable						
		Fire fighting - Overhead water tank(CMD):		Not applicable				3		
		Excess treated water		Not applicable						
Details of Spool (If an	Swimming y)	Not applicable								
	-	33	.Detail	s of Total	water co	nsume	d			
Particula rs	Consumption (CMD)			Loss (CMD)			Effluent (CMD)			
Water Require ment	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total	
Domestic	02	01	03	0.4	0.2	0.6	1.6	0.8	2.4	
Industrial Process	06	05	11	2.5	2.5	5.0	3.5	2.5	6.0	
Cooling tower & thermopa ck	7.0	2.0	9.0	6.0	1.75	7.75	1.0	0.25	1.25	
Gardening	2.0	00	2.0	2.0	00	2.0	00	00	00	
		•	4							
		Level of the Ground water table:		6-10 M						
		Size and no of RWH tank(s) and Quantity:		10 cum						
		Location of the RWH tank(s):		Ground						
34.Rain Water Harvesting (RWH)		Quantity of recharge pits:		NA						
		Size of recharge pits		NA						
	GY	Budgetary allocation (Capital cost) :		1,00,000						
		Budgetary allocation (O & M cost) :		5000						
		Details of UGT tanks if any:		50 CUM						
Natural water drainage patte				MIDC DRAIN						
35.Storm drainage	water	Quantity of storm water:		.32 cum/sec						
		Size of SWD:		300 x 400 mm						







		Sewage ge in KLD:	neration	2.4							
		STP techno	ology:	Septic Tank							
		Capacity of (CMD):		NA							
Sewage Waste w	Sewage and Waste water  Location the ST		area of	NA							
		Budgetary (Capital co	allocation st):	1,50,000							
Budgetary (O & M co			allocation st):	10000							
		3	86.Solio	d waste Mana	l waste Management						
Waste gen	eration in	Waste gen		NA							
the Pre Co and Constr phase:	nstruction	Disposal of construction debris:	f the	NA		3					
		Dry waste:		5.0							
		Wet waste:	}	5.0							
Waste de	neration	Hazardous	waste:	Distillation residues & o	thers						
Waste ge in the op Phase:	eration	Biomedica applicable		NA							
		STP Sludge sludge):	e (Dry	NA							
		Others if a	ny:	NA							
		Dry waste:		NA							
		Wet waste:		NA							
Mode of	Diamonal	Hazardous		NA							
Mode of Disposal of waste:		Biomedica applicable	l waste (If ):	NA							
		STP Sludge sludge):	e (Dry	NA							
		Others if a	ny:	NA							
		Location(s	):	NA							
Area requirem	ent:	Area for the of waste & material:	other	age NA							
		Area for m	achinery:	NA							
Budgetary	allocation	Capital cos	st:	NA							
(Capital co O&M cost)	est and :	O & M cos	t:	NA							
			37.Ef	fluent Charectere	estics						
Serial Number	Paran	neters	Unit	Inlet Effluent Charecterestics	Outlet Effluent Charecterestics	Effluent discharge standards (MPCB)					
1	P	H	NA	5.5-6.5	5.5-9.0	5.5-9.0					
2	ВС	OD	mg/lit	3050-3250	<100	<100					
3	CC	OD	mg/lit	5220-7210	<250	<250					
4	S	S	mg/lit	320-480	<100	<100					
Amount of e (CMD):	effluent gene	eration	6.5								
Capacity of the ETP: 10			10								
Amount of treated effluent recycled :											
Amount of water send to the CETP: 6.5			6.5								
Membership of CETP (if require): Yes			Yes								
Note on ETP technology to be used Phsichchen				mical treatment							
Disposal of	the ETP sluc	lge	CHWTSDF								



Page 73 of 130 Signature:

Name: Dr. Umakant Gangatra Dangat

Dr. Umakant Dangat

(Chairman SEAC-I)

			3	8.Ha	zardous	Was	ste D	etails			
Serial Number	Descr	ription	С	at	UOM	Exis	ting	Proposed	Total	Method of Disposal	
1		Barrels / ainers	33.3 No.		00		20	20	MPCB aouthrized Vedors		
2	Chemica	al Sludge	35	5.3	TPM	0	0	0.05	0.05	0.05	
3	Distillatio	n residues	20	0.3	TPM	0	0	0.05	0.05	0.05	
			5.7	39.St	acks em	issic	n D	etails			
Serial Number	Section	& units	F		ed with ntity	Stack No.		Height from ground level (m)	Internal diameter (m)	Temp. of Exhaust Gases	
1	Boiler +	1 stand by		F	0		1	21	0.35	120	
			4	0.De	tails of I	uel	to be	e used			
Serial Number	Тур	oe of Fuel			Existing			Proposed		Total	
1		FO			00			700 Lit		700 lit	
41.Source	of Fuel			Local	Vendors		•				
42.Mode of	Transportat	tion of fuel to	site	by ro	ad						
		Total RG a	rea :		224.00						
		No of trees	s to b	to be cut NA							
43.Gree Develop	n Beļt	Number of be planted									
Develop	ment	List of pro native tree	List of proposed native trees :			NA					
		Timeline for completion plantation	ı of	of Planted							
	44.Nu	mber and	l list	t of t	rees spe	cies	to b	e plante	d in the	ground	
Serial Number	Name of	the plant	C	ommo	n Name		Qua	ntity		eristics & ecological importance	
1	N	JA		N	Ā		N	ſΑ		NA	
45	.Total qua	ntity of plan	ts on	groui	ıd						
46.Nun	nber and	list of sl	ırub	s an	d bushes	s spe	cies	to be pla	anted in	the podium RG:	
Serial Number		Name			C/C Dista				Area m2		
1	NA				NA NA					NA .	
					47.E	nero	IV				
							J				

Abhay Pimparkar (Secretary SEAC-I)

SEAC Meeting No: 138 th SEAC-1 Meeting Meeting Date: June 1, 2017 Page 74
of 130
Signature:

Name: Dr. Umakant Gangetreo Dangat

Or. Umakant Dangat
(Chairman SEAC-I)

		Source of participation supply:	power	MSEB					
		During Cor Phase: (De Load)	nstruction mand	NA					
			Power iring on phase	NA					
_			eration inected	375 KVA					
Pov require		During Op phase (Der load):	eration nand	225 KVA					
		Transform	er:	300 KVA					
		DG set as l back-up du operation	ıring	125 KVA			60		
		Fuel used:		HSD					
	te		high e passing e plot if	NA					
		ŭ	rav savi	na by no	n-coi	nventional n	nethod:		
Light fixture	es will be us		00	0 0		t tube with electro			
LIGITO TIACUT			<u> </u>			& % of savin			
Serial Number	E	nergy Cons			.0113	X 70 DI SAVIII	Saving %		
1			Yes				5 %		
		50	Details	of pollut	ion c	ontrol Syste	ems		
Source	E	xisting poll		_			oposed to be installed		
Wastewater		<u> </u>	ETP	NA					
Emissions		5	Scrubber	NA					
Budgetary	allocation	Capital cos	st:	2.5					
(Capitaľ O&M	cost and	O & M cos		0.25					
					t -	alan Duda	rotam: Allocation		
31	·EIIVII						retary Allocation		
0 1 1		a)	Construc	ction pna	1 <b>S</b> e (1	with Break-u	<u>1p):</u>		
Serial Number	Attri	butes	Parai	neter		Total Cost	per annum (Rs. In Lacs)		
1	N	IA .	N	Ā			NA		
					e (w	th Break-up			
Serial Number	Comp	onent		iption		ital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)		
1	Waste	water	E7	ГР		18.0	2.0		
2	Air Polluti	on Control	Scrubbe	er, Stack		5.0	1.0		
3	Noise P Cor	ollution trol	Acostic E	nclosures		3.0	0.25		
4	Manag	Waste Jement	Segregation	on/storage		1.5	0.25		
5	Energy Co Meas	nservation sures		-		2.5	0.5		
6		n Belt	Plant			0.50	0.15		
51.S	torage	of che	micals	(inflan substa	nab ance	le/explosives)	ve/hazardous/toxic		



Page 75
of 130
Signature:
Name: Dr. Umakant Gangetrae Dangat
(Chairman SEAC-I)

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			
Annexure	Annexure	Annexur		Annexure	Annexure	Annexure	Annexure	Annexure			
		52.A	ny Ot	her Info	rmation	<u> </u>					
No Information Availab	le										
			Traffi	c Manag	gement						
	to the m design o confluer	ice:	NA								
	Number basemer	and area of it:	NA								
	Number podia:	and area of	NA								
	Total Pa	rking area:	NA								
	Area per	car:	NA								
	Area per		NA								
Parking details:	Number of 2- Wheelers as approved by competent authority:		NA								
	Number Wheeler approve compete authorit	s as d by ent	NA								
	<b>Public T</b>	ransport:	NA								
	Width of roads (n	f all Internal n):	6.0								
	CRZ/ RR obtain, i	Z clearance f any:	NA								
	Criticall areas / E	ed Areas / y Polluted co-sensitive ater-State	NA								
	Category schedule Notifica	y as per e of EIA tion sheet	5 (f)								
۵.	Court ca if any	ses pending	NA								
GY	Other Ro Informa	tions	This ap	plication is 17 Our File	already sub No. is SIA/	mitted at MoEI MH/IND2/1859	F website of 4/2017.	n dated			
	submitte Applicat on MOE	ion online F Website.	Yes								
	Date of submiss	ion	17-02-2017								
	Brief	informa	<u>tion</u>	of the	projec	et by SEA	C				





Page 76
of 130
Signature:

Name: Dr. Umakant Gangetreo Dangat
Dr. Umakant Dangat
(Chairman SEAC-I)

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,

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.

During deliberation PP informed that they have not made any changes in the production quantity, product mix, pollution load or in any environemntal paramters since 1996.

Draft Terms of Reference (TOR) have been discussed and finalized during 138th meeting of SEAC-1. The committee prescribed the following additional TOR along with Standard TOR as available on the Ministry of Environment, Forest and Climate Change website for preparation of **EIA-EMP** report.

### **Specific Conditions by SEAC:**

- 1) PP to submit self declaration giving year wise details of manufacturing of products, their quantities, pollution load etc. PP also to mention that none of the requirements of the EIA Notification, 2006 has been violated till date in their self
- 2) PP to submit their plan for achieving 33% green belt as per National Forest Policy.3) PP to submit copies of On Site and Off Site Emergency Preparedness Plan duly accepted by competent authority.
- 4) PP to use chemical names of the products instead of the commercial name/brand etc.

#### 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. <u>and</u>

apropries? Abhay Pimparkar (Secretary

SEAC-I)

SEAC Meeting No: 138 th SEAC-1 Meeting Meeting Date: June 1, 2017

Page 77 of 130

Signature: Name: Dr. Umakant Gangatrao Dangat Dr. Umakant Dangat (Chairman SEAC-I)

## **SEAC-1 Meeting**

SEAC Meeting number: 138 th SEAC-1 Meeting Meeting Date June 1, 2017

Subject: Environment Clearance for Synthetic chemical industry (under 5 f category)

General Information: Venue: Maharashtra Economic Development Council, Board Room, 3rd Floor, Y.

B. Chavan Centre, Gen. Jagannathrao Bhosale Marg, Near Mañtralaya, Mumbai- 400 020.							
1.Name of Project	M/s NGL Fine Chem Ltd						
2.Type of institution	Private						
3.Name of Project Proponent	Mr Rahul Nachane						
4.Name of Consultant	SGM CORPORATE CONSULATNT PVT LTD						
5.Type of project	Not applicable						
6.New project/expansion in existing project/modernization/diversification in existing project	Change in Product Mix						
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	NA NA						
8.Location of the project	W-142,C,Thane Belapur Road, Pawane, Navi Mumbai						
9.Taluka	VASHI						
10.Village	PAWANE						
11.Area of the project	MIDC						
12 IOD/IOA/C/Dl	NA						
12.IOD/IOA/Concession/Plan Approval Number	IOD/IOA/Concession/Plan Approval Number: NA						
	Approved Built-up Area: 880						
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.)	900.00						
16.Deductions	Not applicable						
17.Net Plot area	Not applicable						
10 Program of Publican Area (FOI C	a) FSI area (sq. m.): Not applicable						
18.Proposed Built-up Area (FSI & Non-FSI)	b) Non FSI area (sq. m.): Not applicable						
	c) Total BUA area (sq. m.): Not applicable						
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	360						
20 37							

22. Number of buildings & its configuration

Serial number	Buildin	g Name & number	Number of floors	Height of the building (Mtrs)			
1	N	Not applicable	Not applicable				
23.Number tenants an		Not applicable					
24.Number expected r users		Not applicable					
25.Tenant per hectar		Not applicable					
26.Height building(s)							
station to	the road learest fire	NA					

appropries Abhay Pimparkar (Secretary SEAC-I)

SEAC Meeting No: 138 th SEAC-1 Meeting Meeting Date: June 1, 2017

Name: Dr. Umakant Gangatrao Dangat Page 78 Dr. Umakant Dangat (Chairman SEAC-I)

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

applicable	)								
			31.P	roduct	ion Details				
Serial Number	Pro	duct	Existing	(MT/M)	Proposed (MT/M)	Total (MT/M)			
1	Stearate/	omycin 'Estoilate OTHERS	1	0	0.3	0.3			
2	Nitazo	xanide	(	)	2.0	2.0			
3	Triclabe	endazole	(	)	2.0	2.0			
4	Butapho other	sphan & rs API	(	)	2.0	2.0			
5		nmidium drochloride	(	)	0.2	0.2			
6	Diprop	ocarb pionate	(	)	0.2	0.2			
7	Clors	sulon	(	)	0.8	0.8			
8		azene turate	(	)	1.0	1.0			
9	Praziq	uantal	(	)	0.3	0.3			
10	Alben	dazole	(	)	0.5	0.5			
11		lazine	(		0.2	0.2			
12	Febu	xostat			0.5	0.5			
					r <mark>Requireme</mark> n	t			
		Source of		Not applicable					
		Fresh water		Not applicable					
		Recycled w Flushing (	vater - CMD):	Not applicable					
		Recycled w Gardening	ater - (CMD):	Not applica	ble				
		Swimming make up (	pool Cum):	Not applicable					
Dry seasor	1:	Total Wate Requireme	er ent (CMD)	Not applica	ble				
	Fire figh Undergr tank(CM		ng - nd water ):	Not applicable					
		Fire fighting Overhead tank(CMD)	water	Not applicable					
		Excess trea	ated water	Not applica	ble				







		Source of wa	A.u.	Not applicab	.l.						
				Not applicab							
		Fresh water	, ,	Not applicab	Die						
		Recycled wat Flushing (CM	1D):	Not applicable							
		Recycled wat Gardening (C	er - CMD):	Not applicable							
Swimming pool make up (Cum):				Not applicable							
Wet season	1:	Total Water Requirement	(CMD)	Not applicable							
		Fire fighting Underground tank(CMD):	- l water	Not applicable							
		Fire fighting Overhead wa tank(CMD):	- ter	Not applicab	ole			3			
		Excess treate	ed water	Not applicab	ole						
Details of S pool (If an	Swimming y)	Not applicable	)								
		33	.Detail	s of Total	water co	nsume	d				
Particula rs	Cons	sumption (CM	D)	I	oss (CMD)	C	Eff	fluent (CMD)			
Water Require ment	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total		
Domestic	1.7	00	1.7	0.3	00	0.3	1.4	00	1.4		
Industrial Process	7.5	00	7.5	0.5	00	0.5	7.0	00	7.0		
Cooling tower & thermopa ck	18.5	00	18.5	18.0 00		18.0	0.5	00	0.5		
Gardening	2.0	00	2.0	2.0	00	2.0	00	00	00		
			4								
		Level of the water table:	Ground	about 5.0							
		Size and no (tank(s) and Quantity:	of RWH	10 cum							
		Location of t tank(s):	he RWH	ground							
34.Rain V	Water	Quantity of r	echarge	NA							
Harvestir (RWH)	-g	Size of recha	rge pits	NA							
	CY	Budgetary al (Capital cost	location ) :	1.0							
	7	Budgetary al (O & M cost)	location	0.05							
Details of UGT tanks if any:				50 cum							
		Natural wate drainage pat		Through MIDC drain							
25 Storm water		Quantity of s		0.15 cum/sec							
		Size of SWD:		300 x 400 mm							
	OLE OF SWEET										



Signature: Page 80 Dr. Umakant Gangetico Dangat Of 130 Chairman SEAC-I)

		Corroge go	novation							
		Sewage ge in KLD:	neration	1.4						
		STP techno	ology:	Septic tank						
Sowago			f STP	NA						
		Location & the STP:	area of	NA						
		Budgetary (Capital co	allocation st):	1.5						
		Budgetary (O & M cos	allocation st):	0.15						
		3	36.Soli	d waste Mana	gement					
Waste gen	eration in	Waste gen	eration:	NA						
the Pre Co and Consti phase:		Disposal or construction debris:	f the on waste	NA		5				
		Dry waste:		2.5 KG						
		Wet waste		2.5 KG						
Waste ge	neration	Hazardous	waste:	DISTILLATION RESIDU	JES & OTHERS					
in the op Phase:	eration	Biomedica applicable		NA						
		STP Sludgesludge):	e (Dry	NA						
		Others if a	ny:	NA						
		Dry waste:		Handed over to local body						
		Wet waste		Handed over to local body  Sent to CHWTSDF, Trans Thane Creek Waste Management-						
Mode of	Disposal	Hazardous		Mahape, Navi Mumbai.	ns Inane Creek Waste M	lanagement-				
of waste:	1	Biomedical waste (If applicable):		NA						
		STP Sludgesludge):		IVA						
		Others if a		NA						
		Location(s		Ground						
Area requirem	ent:	Area for the of waste & material:		20 sq.m						
		Area for m	achinery:	NA						
Budgetary	allocation	Capital cos	st:	1.5 L						
(Capital co O&M cost)	:	O & M cos	t:	0.2 L						
			37.Ef	fluent Charecter	estics					
Serial Number	Paran	neters	Unit	Inlet Effluent Charecterestics	Outlet Effluent Charecterestics	Effluent discharge standards (MPCB)				
1	p	Н	NA	5.5-6.5	5.5-9.0	5.5-9.0				
2		OD	mg/lit	3250 -3500	<100	100				
3		OD	mg/lit	7220 - 8910	<250	250				
4		S	mg/lit	320-480	<100	100				
(CMD):	effluent gene	eration	7.5							
Capacity of the ETP: 10		10								
Amount of treated effluent recycled:										
Amount of water send to the CETP: 7.5										
	Membership of CETP (if require): yes  Note on ETP technology to be used ETP			vith tertiary treament						
Note on ET	r technology	to be used	LIP With te	ruary treament						



Page 81 of 130 Signature:

Name: Dr. Umakant Gangatree Dangat

Dr. Umakant Dangat
(Chairman SEAC-I)

Disposal of	the ETP sluc	dge	Sent	to CH	WTSDF, Tra	ns Thane C	reek Waste M	anagement-l	Mahape,Navi Mumbai.	
			3	8.Ha	zardous	Waste 1	Details			
Serial Number	Descr	ription	C	at	UOM	Existing	Proposed	Total	Method of Disposal	
1	Use	d Oil	5	5.1 TPM		0.08	00	0.08	MPCB authorised Vendors	
2	Spent C	Catalysts	28	3.2	TPM	0.01	0.01	0.01	CHWTSDF	
3	Discarded	Containers	33	3.3	NO.	45	05	50	return to vendor/sale	
4	ETP S	Sludge	35	5.3	TPM	0.01	00	0.01	CHWTSDF	
5	Distillatio	n Residue	20	).3	TPM	0.07	0.005	0.075	CHWTSDF	
			3	39.St	tacks em	ission <b>D</b>	etails			
Serial Number	Section	& units	Fu		ed with ntity	Stack No.	Height from ground level (m)	Internal diameter (m)	Temp. of Exhaust Gases	
1	Boiler + 1	(stand by)		180 L	it/day	1	30	0.3	120	
2	Scru	ıbber		0	0	1	12	0.1	40	
3	D	.G		5	0	1	4.5	0.1	90	
			4(	0.De	tails of <b>F</b>	uel to b	e used			
Serial Number	Тур	Type of Fuel			Existing		Proposed		Total	
1		LDO		150			30	9	180	
41.Source o	f Fuel			LOCA	AL VENDORS	5	7	•		
42.Mode of	Transportat	tion of fuel to	site	By ro	ad					
		Total RG a	rea :		148.20 sq.n	n				
		No of trees	to be	to be cut 00						
43.Gree Develop	n Be <u>l</u> t	Number of be planted	Number of trees to be planted :		30					
Develop	ment	List of propagities	posed			Э				
		Timeline for completion plantation	ı of	Already planted						
	44.Nu	mber and	l list	of t	rees spe	cies to l	oe plante	d in the g	ground	
Serial Number	Name of	the plant	Co	ommo	n Name	Qua	antity	Characte	eristics & ecological importance	
1	N	JA		N	ſΑ		NA		NA	
45	.Total qua	ntity of plan	ts on	groui	nd					
46.Num	ber and	list of sl	ırub	s an	d bushes	specie	s to be pla	anted in	the podium RG:	
Serial Number		Name			C/C Dista			Area m2		
1	NA NA					NA				
					47.Eı	nergy	•			





Page 82
of 130
Signature: Dr. Umakant Gangetreo Dangat
(Chairman SEAC-I)

		Source of p	ower	MOED						
		supply:	'	MSEB						
		During Cor Phase: (De Load)	nstruction mand	NA						
		DG set as I back-up du construction	ring	NA	NA					
Power requirement:		During Opphase (Corload):		NA						
		During Oper phase (Der load):	eration nand	175 KVA						
		Transform	er:	300						
		DG set as I back-up du operation	ring	125 KVA			65			
		Fuel used:		HSD						
		Details of l tension lin through th any:	e passing	NA			000			
		48.Ene	rgy savi	ng by nor	1-CO	nventional m	nethod:			
	Light fixtures will be used with energy saving LED & T5 fluorescent tube with electronic chocks , use of Energy efficient equipments (BEE STAR RATED									
	49.Detail calculations & % of saving:									
Serial Number	Е	Cnergy Cons		easures			Saving %			
1		F.O.	Yes	. C 11 . 1 .		1.10.1	5.0-7.5 KVA			
50.Details of pollution control Systems  Source Existing pollution control system Proposed to be installed										
<b>Source</b> wasterwate		existing poin	ETP	or system	<u> </u>	PIC	pposed to be installed NA			
Emissions			Scrubber	1	NA					
Budgetary (Capital O&M	allocation cost and	Capital cos	<del></del>	2.5 L 0.3 L						
					nt 1	nlan Buda	etary Allocation			
<u> </u>	. • L. III V III (					with Break-u				
Serial Number	Attri	butes	77	meter	50 (		per annum (Rs. In Lacs)			
1	N	JA )	N	ſΑ			NA			
		b	<b>Operat</b>	ion Phase		ith Break-up	í			
Serial Number		onent	Descr	iption	Сар	ital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)			
1	CON	OLLUTION TROL	E'	ГР		20.0	2.75			
2	CON	LUTION TROL		BBER		6.0	1.00			
3	CON	OLLTION TROL	ENCLO	JSTIC DSURE		4.0	0.25			
4	MANG	WASTE EMENT		GATION RAGE		1.5	0.2			
5	Mea	onservation sures		-		2.5	0.3			
6		N BELT		ATION		0.50	0.15			
51.S	torage	of che	micals	(inflam substa	nab	le/explosiv es)	ve/hazardous/toxic			



Page 83
of 130
Signature:
Name: Dr. Umakant Gangatzo Dangat
Dr. Umakant Dangat
(Chairman SEAC-I)

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 transportatio				
ANNEXURE	ANNEXURE	ANNEXUR	E	ANNEXURE	ANNEXURE	ANNEXURE	ANNEXURE	ANNEXURE				
	•	52.A	ny O	ther Info	rmation		•					
No Information Available												
	53.Traffic Management											
		the junction ain road & af	NA									
	Number basemer	and area of nt:	NA									
	Number podia:	and area of	NA									
	Total Pa	rking area:	NA									
	Area per	car:	NA									
	Area per		NA									
Parking details:	Wheeler approve compete	Number of 2- Wheelers as approved by competent authority:		NA								
	Number Wheeler approved compete authorit	s as d by ent	NA									
	Public T	ransport:	NA									
	Width of roads (n	f all Internal 1):	6.0									
	CRZ/ RR obtain, i	Z clearance f any:	NA	<b>)</b>								
	Criticall areas / E	ed Areas / y Polluted Lco-sensitive ater-State	NA									
	Category schedule Notifica	y as per e of EIA tion sheet	5f									
	if any	ses pending	NA									
<u> </u>	Other Ro Informa	tions	NA									
5	Have you previously submitted Application online on MOEF Website.			Yes								
	Date of submiss	ion		-2017								
	Brief	informa	tior	of the	projec	t by SEA	C					

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.



SEAC Meeting No: 138 th SEAC-1 Meeting Meeting Date: June 1, 2017

Signature: Name: Dr. Umakant Gangatrao Dangat Page 84 | Dr. Umakant Dangat of 130 | (Chairman SEAC-I)

Draft Terms of Reference (TOR) have been discussed and finalized during 138th meeting of SEAC-1. The committee prescribed the following additional TOR along with Standard TOR as available on the Ministry of Environment, Forest and Climate Change website for preparation of EIA-EMP report.

#### **Specific Conditions by SEAC:**

1) PP to submit self-certificate for not making any product mix, no increase in pollution load, no increase in production quantity etc from the issuance of EIA Notification, 1994,2004 and 2006 and their consented quantities; PP also to mention categorically that none of the requirement of EIA Notification has been violated by them.

2) PP to submit their plan to achieve 33% of green belt as per National Forest Policy.

3) PP to submit copies of On Site and Off Site Emergency Preparedness Plan duly accepted by competent authority.

4) 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

5) It was observed that the Methanol recovery is less and there is scope to increase the same to reduce the emissions to the Environment; PP to address the same in EIA report.

### FINAL RECOMMENDAT

Silk. The Committee decided to Grant ToR subject to the above observations, PP requested to prepare and submit EIA report

apportant Abhay Pimparkar (Secretary SEAC-I)

SEAC Meeting No: 138 th SEAC-1 Meeting Meeting Date: June 1, 2017

Page 85 of 130

Signature: Name: Dr. Umakant Gangatrao Dangat Dr. Umakant Dangat (Chairman SEAC-I)

# **SEAC-1 Meeting** SEAC Meeting number: 138 th SEAC-1 Meeting Meeting Date June 1, 2017

Subject: Environment Clearance for Bharat Chemicals, Plot No. L-13, 28, 29 and 30, Tarapur, Maharashtra

General Information: Venue: Maharashtra Economic Development Council, Board Room, 3rd Floor, Y.

B. Chavan Centre, Gen. Jagann	athrao Bhosale Marg, Near Mantralaya, Mumbai- 400 020.					
1.Name of Project	Expansion in manufacture of Synthetic Organic Chemicals					
2.Type of institution	Private					
3.Name of Project Proponent	Mr. Paresh Shah					
4.Name of Consultant	Goldfinch Engineering Systems Private Limited					
5.Type of project	Not applicable					
6.New project/expansion in existing project/modernization/diversification in existing project	Expansion					
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	No					
8.Location of the project	Plot No. L-13, 28, 29 and 30					
9.Taluka	Palghar					
10.Village	Kolwade					
11.Area of the project	MIDC Tarapur					
12 IOD/IOA/O	NA					
12.IOD/IOA/Concession/Plan Approval Number	IOD/IOA/Concession/Plan Approval Number: NA					
**	Approved Built-up Area: 2116					
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.)	4008 m2					
16.Deductions	Not applicable					
17.Net Plot area	Not applicable					
10 D 10 10 10 10 10 10 10 10 10 10 10 10 10	a) FSI area (sq. m.): Not applicable					
18.Proposed Built-up Area (FSI & Non-FSI)	b) Non FSI area (sq. m.): Not applicable					
ŕ	c) Total BUA area (sq. m.): Not applicable					
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	261900000					

22. Number of buildings & its configuration

Serial number		ng Name & number	Number of floors	Height of the building (Mtrs)					
1	1	Not applicable	Not applicable	Not applicable					
23.Number tenants an		Not applicable							
24.Number expected r users		Not applicable							
25.Tenant per hectar		Not applicable							
26.Height building(s	of the )								
station to	the road earest fire	6 m							



SEAC Meeting No: 138 th SEAC-1 Meeting Meeting Date: June 1, 2017

Page 86 | Dr. Umakant Dangat of 130 | (Chairman SEAC-I)

Name: Dr. Umakant Gangatrao Dangat

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	Existing (MT/M)	Proposed (MT/M)	Total (MT/M)							
1	Paracetamol	125	1000	1125							
2	Para Nitro Phenol and salt	10	00	10							
3	Caffeine	90	210	300							
4	Mefanamic Acid	10	-10	00							
5	Chlorozoxasone Hydrochloride	25	-25	00							
6	Albendazole	5	-5	00							
7	Other Bulk Drug Product Mix	5	-5	00							
	Ĵ	2) Total Water	r Roguiromon	+							

7	Produ	ct Mix	5		-5		00				
		3	2.Tota	l Water	Requirer	nent					
		Source of v	water	Not applicab	Not applicable						
			Fresh water (CMD):		ole						
		Recycled water - Flushing (CMD):  Not appli			ole						
		Recycled w Gardening	ater - (CMD):	Not applicab	le						
		Swimming make up (0	pool Cum):	Not applicable							
Dry season	ı:	Total Water Requirement (CMD) Not apple:			le						
		Fire fighting Undergroutank(CMD)	nd water	Not applicab	le						
		Fire fightin Overhead v tank(CMD)	water	Not applicab	le						
	_ ^ \	Excess trea	ated water	Not applicab	ole						



Page 87
of 130
Signature:
Name: Dr. Umakant Gangeareo Dangat
Chairman SEAC-I)

					_						
		Source of wa		Not applicab							
		Fresh water	· · ·	Not applicable							
		Recycled wat Flushing (CM	ID):	Not applicable							
		Recycled wat Gardening (C	er - CMD):	Not applicable							
		Swimming po make up (Cu	ool m):	Not applicable							
Wet season:  Total Water Requirement (CMD) :				Not applicable							
Fire fighting - Underground water tank(CMD):			- l water	Not applicab	ole						
		Fire fighting Overhead wa tank(CMD):	- ter	Not applicab	ole			3			
		Excess treate	d water	Not applicab	ole						
Details of S pool (If any	Swimming 7)	Not applicable	:					5			
		33.	Detail	s of Total	water co	nsume	d				
Particula rs	Cons	umption (CM	D)	I	oss (CMD)		Eff	fluent (CMD)			
Water Require ment	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total		
Domestic	7	4	11	2	1	3	5	3	8		
Industrial Process	23	127	150	4	118	122	19	9	28		
Cooling tower & thermopa ck	50	291	341	47	234	281	3	57	60		
Gardening	5	0	5	5	0	5	0	0	0		
Fresh water requireme nt	85	422	507	58	353	411	27	69	96		
		Level of the water table:	Ground	NA							
		Size and no o tank(s) and Quantity:	f RWH	NA							
		Location of tank(s):	he RWH	NA							
34.Rain V		Quantity of r	echarge	NA							
Harvestin (RWH)	ig	Size of recha	rge pits	NA							
		Budgetary al (Capital cost	location	NA							
		Budgetary al (O & M cost)	location	NA							
		Details of UG if any:		and 15000 n	nos. of underg n3 respectively ed for water sto	· .	ks having ca	pacities 14000	0 m3		





Page 88 Dr. Umakant Gangetico Dangat of 130 Chairman SEAC-I)

	Natural wa		Provided by MIDC						
35.Storm water drainage	drainage p Quantity o water:		NA						
_	Size of SW	D·	NA						
	3120 01 3 11	<i>D</i> .	1411						
	Sewage ge in KLD:	neration	Existing: 7, Proposed: 4, Total: 11						
	STP techn	ology:	Primary, Secondary, Tertiary						
Courses and	Capacity o (CMD):	f STP	one no. of STP, having capacity of 10 KLD						
Sewage and Waste water	Location & the STP:	area of	near to ETP						
	Budgetary (Capital co		8 lakhs						
	Budgetary (O & M cos	st):	20000 per month						
	3	<u> 86.Soli</u>	d waste Mana	gement					
Waste generation in			NA						
the Pre Construction and Construction phase:	Disposal o construction debris:		NA	000					
	Dry waste:		NA						
	Wet waste		Activated carbon sludge	: 504 TPA, ETP Sludge:	4.8 TPA				
Waste generation	Hazardous	waste:	508.8 MT/A						
in the operation Phase:	Biomedica applicable	l waste (If ):	NA						
	STP Sludg sludge):	e (Dry	10 kg/day						
	Others if a	ny:	NA						
	Dry waste:		NA						
	Wet waste		MWML Taloja						
M - 1 - 6 D:	Hazardous		MWML Taloja						
Mode of Disposa of waste:	applicable	):	NA						
	STP Sludg sludge):		2.9 kg/day						
	Others if a	ny:	NA DM C D 1		OTED OCC P. 13.11				
	Location(s	-	Plant area, RM & Produ Parking, Internal road, (	ct storages area, ETP & Green belt	STP, Office Building,				
Area requirement:	Area for the of waste & material:	e storage other	486 m2						
	Area for m	achinery:	1267 m2						
Budgetary allocation	n Capital cos	st:	Existing: 5.50 Cr., Propo	osed: 7.00 Cr., Total: 12.	50 Cr.				
(Capital cost and O&M cost):	O & M cos	t:	1.80 Cr.						
		37.Ef	fluent Charectere	estics					
Serial Number Par	ameters	Unit	Inlet Effluent Charecterestics	Outlet Effluent Charecterestics	Effluent discharge standards (MPCB)				
1	1 pH		4 - 5	7 - 8.5	5.5 - 9				
2	TDS mg/l		3000 - 4000	1800-2000	below 2100				
3	BOD	mg/l	2500 - 3000	60-80	below 100				
4	COD	mg/l	5000 - 6000	180-200	below 250				
5	TSS	mg/l	300 - 400	70-90	below 100				
Amount of effluent ge (CMD):	eneration	85							





Capacity of	the ETP:		150 CI	MD							
	reated efflu	ent	199 CMD								
	water send t	o the CETP:	23								
	p of CETP (i		Yes								
	P technology		ETP, MEE, RO								
	the ETP sluc		MWM								
Dioposar or		490			<u> </u>	Waste D	etails				
Serial Number	Descr	ription	Ca		UOM	Existing	Proposed	Total	Method of Disposal		
1		d carbon dge	28.	2	TPA	120	384	504	MWML Taloja		
2	ETP S	Sludge	34.	3	TPA	2.4	2.4	4.8	MWML Taloja		
			39	9.St	acks em	ission De	etails				
Serial Number	Section	& units	Fue		ed with ntity	Stack No.	Height from ground level (m)	Internal diameter (m)	Temp. of Exhaust Gases		
1		OG set (125 VA)	Die	esel, 3	32 kg/hr	1	2.3	0.15	150		
2		DG set (800 VA)	Die	sel, 2	10 kg/hr	2	2 5.7 0.		150		
40.Details of Fuel to be used											
Serial Number	Тур	e of Fuel		Existing		Proposed		Total			
1		HSD			32 kg/hr		210 kg/hr		242 kg/hr		
41.Source	f Fuel		]	Local							
42.Mode of	Transportat	tion of fuel to	site	By Ro	oad						
		Total RG a	rea:		500	<b>V</b>					
		No of trees	s to be	to be cut NA							
<b>43.</b> Gree	n Belt	Number of be planted	f trees	trees to 25							
Develop	ment	List of pro		Y	10						
		Timeline f completion plantation	n of	or 6 months after grant of EC							
	44.Nu	mber and	l list	of t	rees spe	cies to b	e plante	d in the	ground		
Serial Number		the plant			n Name		ntity	Characte	eristics & ecological importance		
1	Ficus r	eligiosa		Pim	ıpal		7	Dust resi	stant and local variety		
2	Polyalthia	longifolia	F	alse	Ashok	{	3	Sound ba	rrier and local variety		
3	Azardirac	hta indica		Ne	em	(	6	Dust resist	ant and medicinal value		
4	Anthos cada	ephalus amba		Kad	amb	(	9	Dust bar	rier and local variety		
		ntity of plan									
46.Nun	ıber and	list of sl	nrubs	an	d bushes	s species	to be pl	anted in	the podium RG:		
Serial Number		Name			C/C Dista	nce		Area	a m2		
1		NA			NA			N	JA .		
					47.E	nergy					



Page 90 of 130 Signature: Name: Dr. Umakant Gangetrao Dangat (Chairman SEAC-I)

		Source of supply:	power	MSEDC								
		During Co Phase: (D Load)	onstruction emand	NA								
		DG set as back-up d construct		NA								
		During Ophase (Colload):	peration onnected	600								
Pov require		During Ophase (De load):	peration emand	1000								
		Transform	ner:	Existing	r: 750 KVA	Proposed:	250 KVA					
		DG set as back-up d operation	luring	3		Proposed:						
		Fuel used		HSD								
		Details of	high ne passing	NA				200				
		48.En	ergy savi	ng by	non-coi	vention	al metho	d:				
NA												
		4	9.Detail	calcul	ations &	& % of s	aving:					
Serial Number	1	Energy Con	servation Mo	easures			Sa	ving %				
1 NA NA												
50.Details of pollution control Systems												
Source	E	xisting poll	ution contro	l system			Proposed	to be install	ed			
DG set		adequa	ite stack heig	ht			adequate	stack height				
Budgetary	allocation	Capital co	st:	NA								
(Capitaľ O&M		0 & M cos	st:	NA								
51	Fnvir	onmen	tal Mar	lager	nent r	olan Bı	ıdaetar	v Alloca	ation			
	<del></del>		Construc					.,				
Serial Number	Attr	ibutes		meter			Cost per ann	um (Rs. In I	Lacs)			
1	1	NA	N	ſΑ			N.A	1				
		l l	Operat	ion Ph	ase (wi	th Breal	k-up):					
Serial Number	Comp	ponent	i •	iption		tal cost Rs Lacs		rational and cost (Rs. in	Maintenance Lacs/yr)			
1		tion control	2 nos. o	of stack		4.5		1.2				
2	Water	pollution		ГР		6.0		2.0				
3		oise	Acoustic			3.0		0.5				
4		emissions	3 nos. of		I	5.0		2.0				
51.S	torage	e of che	emicals	(infla	amabl stance	e/expl	osive/ha	azardou	s/toxic			
						Maximum Quantity						
Descri	ption	Status	Location	n	Storage Capacity in MT	of Storage at any point of time in MT	Consumptio / Month in MT	Source of Supply	Means of transportation			
Para Amin	o Phenol	Solid	Bags		50.0	50.0	50.0	Local	By Road			
Acetic Anl Acetic	nydride/ Acid	Liquid	Tank farı	m	100.000.0	100.0	100.0	Local	By Road			

Abhay Pimparkar (Secretary SEAC-I)

SEAC Meeting No: 138 th SEAC-1 Meeting Meeting Date: June 1, 2017 Page 91
of 130
Name: Dr. Umakant Gangetrao Dangat
(Chairman SEAC-I)

Soda ash	Solid	Bags		20.0	20.0	20.0	Local	By Road		
Activated Carbon	Solid	Bags		01.0	01.0	01.0	Local	By Road		
Para Nitro Chloro Benzene	Solid	Bags		11.5	11.5	11.5	Local	By Road		
Caustic soda lye	Liquid	Tank farı	m	14.0	14.0	14.0	Local	By Road		
Sulphuric acid	Liquid	Tank farı	m	25.0	25.0	25.0	Local	By Road		
Theophylline crude/ Theophylinate crude	Solid	Bags		90.0	90.0	90.0	Local	By Road		
Di-methyl sulfate	Liquid	Tank farı	m	77.0	77.0	77.0	Local	By Road		
Hydrochloric acid	Liquid	Tank farı	m	77.0	77.0	77.0	Local	By Road		
Activated Carbon	Solid	Bags		09.0	09.0	09.0	Local	By Road		
		52.A	ny Otl	her Info	rmation	1				
No Information Availal	ole									
		53.	Traffic	c Manag	gement					
	Nos. of t to the m design o confluen	he junction ain road & f	NA	,			00,			
	Number basemen	and area of it:	NA							
	podia:	and area of	NA			00				
	Total Pa	rking area:	NA							
	Area per	car:	NA							
	Area per	car:	NA							
Parking details:	Number Wheeler approved compete authority	s as l by nt	NA							
	Number Wheelers approved compete authority	of 4- s as l by nt	NA							
	Public T	ransport:	NA							
		all Internal	A . /							
	CRZ/ RR obtain, i	Z clearance f any:	NA							
	Critically areas / E	d Areas / y Polluted co-sensitive ter-State	NA							
C	Category schedule Notificat	as per of EIA ion sheet	5f B-1							
	Court ca	ses pending	NA							
	Other Re Informat		NA							
	submitte Applicat	n previously ed ion online F Website.	Yes							
	Date of o		15-03-2017							

appropriestly Abhay Pimparkar (Secretary SEAC-I)

SEAC Meeting No: 138 th SEAC-1 Meeting Meeting Date: June 1, 2017

Brief information of the project by SEAC

Signature: Page 92
of 130

Name: Dr. Umakant Gangatreo Dangat
(Chairman SEAC-I)

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.

PP informed that they have started the production activity from the year 1982 and they have increased their production capacity up to 270 Tons in the year 2007 . PP informed that they have submitted "No Pollution" Load Certificate" to the State Pollution Control Board as per Office Memorandum issued by MoEF&CC dated 04.12.2006 hence Environment Clearance condition was waived.

## DECISION OF SEAC

Draft Terms of Reference (TOR) have been discussed and finalized during 138th meeting of SEAC-1. The committee prescribed the following additional TOR along with Standard TOR as available on the Ministry of Environment, Forest and Climate Change website for preparation of EIA-EMP report.

#### **Specific Conditions by SEAC:**

- 1) PP to submit self-certificate for not making any product mix, no increase in pollution load, no increase in production quantity etc from the issuance of EIA Notification, 1994,2004 and 2006 and their consented quantities; PP also to mention categorically that none of the requirement of EIA Notification has been violated by them.

  2) PP to submit their plan to achieve 33% of green belt as per National Forest Policy.

  3) PP to submit copies of On Site and Off Site Emergency Preparedness Plan duly accepted by competent authority.

- 4) 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
- 5) PP to submit an affidavit for achieving Zero Liquid Discharge and not discharging any additional load on CETP or in any other source outside the limits of factory premises.
- 6) PP to include detailed water balance chart in EIA report along with quantities of waste water generation and its disposal.

### 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.

apportant Abhay Pimparkar (Secretary

SEAC-I)

SEAC Meeting No: 138 th SEAC-1 Meeting Meeting Date: June 1, 2017

Page 93 of 130

Signature: Name: Dr. Umakant Gangatrao Dangat Dr. Umakant Dangat (Chairman SEAC-I)

#### SEAC-1 Meeting **SEAC Meeting number:** 138 th SEAC-1 Meeting **Meeting Date** June 1, 2017 Subject: Environment Clearance for Akzo Nobel India Limited **General Information:** Venue: Maharashtra Economic Development Council, Board Room, 3rd Floor, Y. B. Chavan Centre, Gen. Jagannathrao Bhosale Marg, Near Mantralaya, Mumbai- 400 020. Akzo Nobel India Limited 1.Name of Project 2. Type of institution Private Mr. Shrikant K. Kulkarni. 3. Name of Project Proponent Sadekar Enviro Engineers Pvt. Ltd. QCI NABET Accredited Consultancy :Certificate no. NABET/EIA/1518/ $\mbox{RA}$ 020 4. Name of Consultant 5. Type of project Not applicable. Brown field industrial project 6.New project/expansion in existing project/modernization/diversification in existing project expansion in existing project 7.If expansion/diversification, whether environmental clearance has been obtained for existing Plot E-18, 19, 20 & C-61(Part), MIDC Mahad, Mahad 8.Location of the project 9.Taluka Mahad 10.Village Khaire 11.Area of the project group gram panchyat Savane not aplicable, industrial project 12.IOD/IOA/Concession/Plan IOD/IOA/Concession/Plan Approval Number: Not aplicable. industrial project Approval Number Approved Built-up Area: 8345.7 13.Note on the initiated work (If applicable) no work is initiated 14.LOI / NOC / IOD from MHADA/ not applicable. Plan will be submitted to MIDC, Mahad. Other approvals (If applicable) 15. Total Plot Area (sq. m.) 86478 sq. m. 16.Deductions Not applicable 17.Net Plot area Not applicable a) FSI area (sq. m.): Not applicable 18.Proposed Built-up Area (FSI & Non-FSI) b) Non FSI area (sq. m.): Not applicable c) Total BUA area (sq. m.): Not applicable Not applicable 19.Total ground coverage (m2) 20.Ground-coverage Percentage (%) (Note: Percentage of plot not open Not applicable to sky) 21.Estimated cost of the project 240400000 22.Number of buildings & its configuration Serial **Building Name & number** Height of the building (Mtrs) **Number of floors** number Not applicable Not applicable Not applicable 23. Number of not applicable tenants and shops 24. Number of expected residents / Not applicable 25.Tenant density Not applicable per hectare 26. Height of the building(s) 27.Right of way (Width of the road from the nearest fire Internal roads of 6m and 9 m width have been provided. station to the

appendict Abhay Pimparkar (Secretary SEAC-I)

proposed building(s)

SEAC Meeting No: 138 th SEAC-1 Meeting Meeting Date: June 1, 2017

Signature: Name: Dr. Umakant Gangatrao Dangat Dr. Umakant Dangat (Chairman SEAC-I)

28.Turning for easy ac fire tender	cess of										
movement around the excluding for the plan	from all building the width	min. 9m	nin. 9m								
29.Existing structure (	uilding, storage yard, ETP, abin, green belt										
30.Details demolition disposal (I applicable)	with f	Not applica	Not applicable								
11			31.F	roduct	ion Details						
Serial Number	Pro	duct	Existing	(MT/M)	Proposed (MT/M)	Total (MT/M)					
1	Organic I (Pure)	Peroxides ) Total	99	.78	185.18	284.96					
2	Refilling/ k Metal Alk	olending of cyls (Pure)	66	.67	75.17	141.83					
3	Byproduc	t: Sodium salt (NaCl)	(	0	108	108					
		3	2.Tota	l Wate	r Requiremen	t					
		Source of		Not applica							
		Fresh water	er (CMD):	Not applica	ble						
		Recycled water - Flushing (CMD):		Not applica	Not applicable						
			vater - (CMD):	Not applica	ble						
		Swimming make up (	pool Cum):	Not applica	ble						
Dry season	ı:	Total Wate Requirement:		Not applica	ble						
		Fire fighting Undergroutank(CMD)	ind water	Not applicable							
		Overhead v	Fire fighting - Overhead water tank(CMD):		Not applicable						
		-	ated water	Not applicable							
		Source of		Not applica							
		Fresh wate		Not applica	ble						
	1	Recycled v Flushing (	CMD):	Not applica	ble						
		Recycled v Gardening	(CMD):	Not applica	ble						
	5	Swimming make up (	Cum):	Not applica	ble						
Wet season	n:	Total Wate Requirement		Not applica	ble						
		Fire fighting Undergroutank(CMD	ind water	Not applica	ble						
		Fire fighting Overhead tank(CMD)	water	Not applica	Not applicable						
		Excess trea	ated water	Not applica	ble						
Details of S pool (If an	Swimming y)	Not applica	ble								



		33	.Detail	s of Tota	l water co	nsume	d			
Particula rs	Cons	sumption (CM	D)	1	Loss (CMD)		Ef	fluent (CMD)		
Water Require ment	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total	
Domestic	5	5	10	1	1	2	4	4	8	
Industrial Process	235	235	470	5	5	10	230	230	460	
Cooling tower & thermopa ck	10	50	60	7	17	24	3	33	36	
Gardening	100	0	100	100	0	100	0	0	0	
Fresh water requireme nt	350	290	640	113	23	136	237	267	504	
		Level of the water table:	Ground	approx. 20 r	n below groun	d level				
		Size and no otank(s) and Quantity:	of RWH	1 RWH tank	of 10,000 L w	ill be prov	rided			
		Location of t tank(s):	he RWH	appropriate location will be decided as per architectural drawing						
34.Rain V Harvestii		Quantity of recharge pits:		no recharge pits are proposed						
(RWH)	5	Size of recha:	rge pits	NA						
		Budgetary al (Capital cost	location ) :	10,00,000						
		Budgetary al (O & M cost)	location :	25,000						
		Details of UC if any:	T tanks	not aplicable						
			AA	<b>\</b>						
		Natural wate drainage pat		site is MIDC developed land . MIDC drains are provided to each plot for drainage of storm water.						
35.Storm drainage		Quantity of s water:	torm	0.03 cum/sec						
		Size of SWD:		0.6*1*1796	m					
		Sewage gene in KLD:	ration	4 CMD existing and after expansion total 8 CMD sewage will be generated						
		STP technolo	ogy:	sewage will be treated in aerobic treatment of ETP						
Sarvage	and	Capacity of S (CMD):	TP	No STP. ETP of 700 CMD capacity is provided for effluent treatment						
Sewage Waste w	and vater	Location & a the STP:	rea of	No STP. ETP is provided						
		Budgetary al (Capital cost	location ):	proposed cost for water treatment- Rs. 1,00,00,000						
Budgetary allocation (0 & M cost):				Rs.12,00,000						
		36	Solie	d waste	Manage	emen	t			
Waste gen	eration in	Waste genera						n waste will be	;	
the Pre Construction and Construction phase:		Disposal of to construction debris:		construction debris will be used for landfill inside the plot premise						



Page 96 of 130 Signature:

Name: Dr. Umakant Gangetreo Dangat (Chairman SEAC-I)

	Dry waste:	144 TPA scrap plastic and other non hazardous dry waste will be generated in operation phase			
	Wet waste:	Hazardous wet waste will be disposed to CHWTSDF or it will be sold to authorised re-processor.			
Waste generation in the operation	Hazardous waste:	HW will be disposed at CHWTSDF or it will be sold to MPCB authorised recycler.			
Phase:	Biomedical waste (If applicable):	if generated, it is disposed to authorised party			
	STP Sludge (Dry sludge):	No STP sludge. it is estimated that 14 TPA ETP sludge will be produced during operation phase. it will be disposed to CHWTSDF			
	Others if any:				
	Dry waste:	total 144 MT/year scrap/ dry non hazardous waste will be generated will be sold to authorised recycler.			
	Wet waste:	Hazardous wet waste will be disposed to CHWTSDF or it will be sold to authorised re-processor.			
Mode of Disposal of waste:	Hazardous waste:	Hazardous wet waste will be disposed to CHWTSDF or it will be sold to authorised re-processor.			
of waste:	Biomedical waste (If applicable):	if generated, it is disposed to authorised party			
	STP Sludge (Dry sludge):	No STP sludge. it is estimated that 14 TPA dry ETP sludge will be produced during operation phase. it will be disposed to CHWTSDF			
	Others if any:	not applicable			
	Location(s):	additional 2002 sq. m. will be required for expansion of production activity as per plot layout.			
Area requirement:	Area for the storage of waste & other material:	-			
	Area for machinery:				
<b>Budgetary allocation</b>	Capital cost:	0			
(Capital cost and O&M cost):	O & M cost:	Rs. 3,00,000			
	OF TO				

## **37.Effluent Charecterestics**

Serial Number	Parameters	Unit	Inlet Effluent Charecterestics	Outlet Effluent Charecterestics	Effluent discharge standards (MPCB)			
1	рН	🔨		7.0	6.5-8.5			
2	SS	mg/L		<10	100			
3	BOD 3 days 27 deg. C	mg/L		37	100			
4	COD	mg/L		112	250			
5	oil and grease	mg/L		04	10			
6	TDS	mg/L		1537	2100			
7	Chlorides	mg/L		455	600			
8	sulphates	mg/L		95	1000			
9	% sodium	mg/L		623 (0.0623 %)	60%			
10	phenolic compound	mg/L		0.3	5			
11	TAN	mg/L		1.0	50			
12	chromium (Cr+6)	mg/L		<0.1	0.1			
13	sulphides (as S)	mg/L		<0.5	2.0			
14	phosphates (as P)	mg/L		<0.5	5.0			
15	Bioassay Test			90 % survival of fish after first 96 hrs. in 100 % effluent.	90 % survival of fish after first 96 hrs. in 100 % effluent.			
Amount of e (CMD):	effluent generation	after expansion 504 CMD						
Capacity of	the ETP:	700 CMD						
Amount of trecycled:	reated effluent	0						
Amount of v	water send to the CETP:	504 CMD						



SEAC Meeting No: 138 th SEAC-1 Meeting Meeting Date: June 1, 2017

Signature: Page 97
of 130

Name: Dr. Umakant Gangatreo Dangat
(Chairman SEAC-I)

Membershi	p of CETP (i	f require):		nber of CETP Mahad. membership no. : 112						
Note on ET	Note on ETP technology to be used		TDS s treate 700 C secon	Effluent stream segregation will be done on the basis of TDS concentration. High TDS stream will be first treated in salt recovery system and recovered water will be treated in 2 stage ETP consisting primary and secondary treatment. An ETP having 700 CMD capacity consisting of primary treatment and Sequential Batch Reactor as secondary treatment is presently employed to treat the effluent. An additional SBR of 250 CMD capacity will be provided.						
Disposal of	the ETP sluc	dge	To CI	HWTS	DF or sell to	MPCB	autho	orised re-pro	cessor.	
			3	8.Ha	zardous	Was	te D	etails		
Serial Number	Descr	ription	C	at	UOM	Exis	ting	Proposed	Total	Method of Disposal
1	alkali 1	residue	12	2.2	TPA	2	0		20	CHWTSDF
2	residu	containing le from mination	33	3.1	TPA	2.	4	2.6	5.0	CHWTSDF
3	used/ s	pend oil	5	.1	TPA	2	4	2.4	4.8	MPCB authorized recycler
4	spent	solvent	20	).2	TPA	1	2	12	24	CHWTSDF/ MPCB authorized recycler
5	barrels / lir	containers/ ners/ plastic / PPE	33	3.3	nos.	12	20	120	240	CHWTSDF/ MPCB authorized recycler
6		sludge from r treatment	34	1.3	TPA	7.	2	6.8	14	CHWTSDF/ MPCB authorized recycler
7	evapora (Na	ntion salt aCl)	37	37.2 TPA		(	)	144 144		CHWTSDF/ MPCB authorized recycler
			[3]	39.St	acks em	issio	n D	etails		
Serial Number	Section	& units	Fu		ed with ntity	Stack	« No.	Height from ground level (m)	Internal diameter (m)	Temp. of Exhaust Gases
1	DG set (	500 KVA)	13	35 L/h	our HSD			10	0.15	265 C
2		r (Process ack)		-		2	2	16	0.5	59 C
3	Diesel eng	rine stack-1		22 L/h	r HSD	3	}	6.5	0.1	199 C
4	Diesel eng	rine stack-2		17 L/h	r HSD	4	ļ	6	0.07	214 C
5	Boiler	r stack	834	Kg/da	y LDO/ FO	ŗ	5	30	0.3	160
6	DG set (	200 KVA)			nected	-	-			
			4	0.De	tails of F	uel	to be	e used		
Serial Number	Туг	pe of Fuel	,		Existing			Proposed		Total
1		HSD			174 L/hr			0		174 L/hr
2		DO/ FO			0			834 Kg/day		834 kg/day
41.Source		<b>V</b>			ocal vendors					
42.Mode of	Transportat	tion of fuel to	site	by ro	ad transport	ation				
	5									
		Total RG a			29995 sq. n	n. gree	n belt	is developed	d inside the	plant
No of trees to be cut 0										
43.Gree	43.Green Belt Development  Number of be planted			s to	0					
Develop	ment	List of pro native tree	posed s :	l	no trees wil	ll be p	anted			
Timeline for completion of plantation :  no additional plantation will be done										
	44.Nu	mber and	l list	of t	rees spe	cies	to b	e plante	d in the	ground





Serial Number	Name of	the plant	Com	nmon Name	Qua	ntity	Characteristics & ecological importance		
1									
45.Total quantity of plants on ground							•		
46.Number and list of shrubs and bushes species to be planted in the podium RG:									
Serial Number		Name		C/C Dist	C/C Distance Area m2				
1					•				
47.Energy									
		Source of posupply:		MSEDCL					
	During Construction Phase: (Demand Load)		1375 KW						
		DG set as Po back-up dur construction	ing	<b>e</b> 500 KVA	500 KVA				
D		During Oper phase (Control load):	ration 1ected	1850 KW					
Pov require		During Oper phase (Dem load):	ration and	1850 KW					
		Transforme	r:	1000 KVA					
		DG set as Po back-up dur operation pl	ing	yes. existi	ng 500 KVA D	G will be u	sed.		
		Fuel used:		135 L/Hr	HSD				
		Details of hit tension line through the any:	passii	Plot is in 1	Plot is in MIDC, Mahad. No high tension line is passing through the plot				
		48.Ener	gy sa	aving by n	on-conver	ntional 1	method:		
		49	.Deta	ail calculat	tions & %	of savi	ng:		
Serial Number	Е	nergy Conse	rvation	n Measures	easures Saving %				
1									
				ls of pollu	tion cont				
Source	1	Existing pollu	tion co	ontrol system	4		roposed to be installed		
process	1 alkali s	scrubber of 25	Cum/hı	r capacity is pro	ovided.		ali scrubber of 50 cum/hr capacity will be provided		
boiler emissions	pı	resently no boi	ler is u	sed in the plant	prop	oosea FU/Ll	DO run boiler will be provided stack as per CPCB guidelines.		
DG set emissions	Y	neight is provid	ded as p			additional D	OG set is proposed. existing controlling methods will be used		
sewage treatment	sewage	e is mixed with sequencing b		nt and it is treat actor of ETP	ted in	existing t	reatment method will be utilised.		
Diesel engine stacks		adequate stack height is provided			no	no additional diesel engines are proposed. Existing controlling methods will be used			
process effluent treatment	A 700 CMD capacity ETP is used consisting of primary treatment and secondary treatment sequencing batch reactors are employed for be-			g of ent. red better TDS effluent wil	sis of TDS lo treated by covered from S process en Il be discha D capacity tention time	n load segregation will be done on the oad. high TDS effluent will be initially a salt recovery system and salt is m process effluent. the remaining low ffluent is further treated in ETP and it rged to CETP, Mahad. additional 250 SBR will be installed to provide higher e for secondary treatment which will res better effluent treatment.			



Signature: Page 99
of 130
Name: Dr. Umakant Gangatreo Dangat
(Chairman SEAC-I)

Noise pollution	genera	Acoustic enclosures, a housing is provided to noise generating equipment. periodic maintenance of equipment is done to reduce noise and vibrations.  additional equipment will be provided we enclosures to control noise pollu						
Solid waste managemen	e vendors.	Non hazardous waste is sold to authorised scrap vendors. Hazardous waste is disposed to CHWTSD or sold to MPCB authorised dealers as per HW category.				The existing treatment methods will be continued for additional waste generated. Salt recovered from the salt recovery system will be sold as byproduct.		
(Capital	allocation cost and			capital cost	•	litional energy requirement is included in project		
	cost):	0 & M cos				oposed energy requirement blan Budgetary Allocation		
<b>J1</b>	·LIIVII					vith Break-up):		
Serial Number	Attri	Attributes Parame		neter	Total Cost per annum (Rs. In Lacs)			
1	air polluti	dust en constru barriers sprinkling o sources, ce will be store area and appropria PUC certifi will be u transpor		ction of s, water on emission ement bags ed in closed handled tely., only ed vehicles used for		2.00		
2	water pollu	tion control	the sewag treated in waste water be genera construction will be tr existing			0.5		
3	noise pollu	noise ger operation carries ou collution control daytime. th		ns will be ut only in		0.5		

h) Operation Phase (with Break-up).

barriers will be provided for equipment. land will be kept clean

by proper housekeeping. The construction debris will be used for

landfilling in the plant premise.

Workers will be provided PPEs. Safety training will be provided to workers. medical facility and assistance will be

provided to workers in emergency.

b) Operation rhase (with break-up):									
Serial Number	Component	Description	Capital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)					
1	Air Pollution Control	1 additional alkali scrubber of 50 cum/hr will be provided with appropriate stack height in the expansion phase. 3. The proposed FO/LDO run boiler will be provided stack as per CPCB norms.	15	1.2					

aprofines Abhay Pimparkar (Secretary SEAC-I)

4

5

soil pollution control

Occupational health

SEAC Meeting No: 138 th SEAC-1 Meeting Meeting Date: June 1, 2017

Signature: Name: Dr. Umakant Gangatrao Dangat Page 100 | Dr. Umakant Dangat (Chairman SEAC-I)

0.5

1.0

2	Water Pollution Control		Effluent stream segregation will be done before treatment. High Till effluent stream will be treated in salt recovery system a condensate will be mixed with low TI stream and it will treated in two stage ETP. Low TDS/CC stream will be treated in two stage ETF consisting of primal and secondary treatment. One additional SBR of 2 CMD capacity will provided for secondary treatment.	DS lbe and be		1,00		12		
3		Pollution ontrol	Along with existing control measures acoustic enclosure will be provided as better equipmen maintenance will be done for effective noise pollution control.	s, es nd t be		-	C	OC	0.5	
4	Environment Monitoring and Management		periodic monitoring will be done inside the plant including ambient air monitoring, work place monitoring, source emission monitoring.		S	5			12	
5	Occupat	ional Health	Periodic safety training, health checkup of employees . Medical facilities are provided to employees.		<b>*</b>	2			0.5	
6	Gre	en Belt	the existing green belt will be maintained properly					3		
7	Solid Waste Management		Solid hazardous waste will be disposed at CHWTSDF or it will be sold to MPCB authorized recyclers. Non hazardous waste will be disposed through MPCB authorized dealers. The salt which is recovered from high TDS effluent will be sold as byproduct.						3	
8	8 Water conservation		RWH tank will be constructed for collection and use roof top rain wate	e of er	10			0.25		
51.S	torag	e of che	emicals (infl		abl	e/explo	osiv	e/haz	zardou	s/toxic
Descri		Status	Location	Stora Capac in M	ige city	Maximum Quantity of Storage at any point of time in MT	Consu	imption onth in MT	Source of Supply	Means of transportation

Abhay Pimparkar (Secretary SEAC-I)

SEAC Meeting No: 138 th SEAC-1 Meeting Meeting Date: June 1, 2017

Signature: Page 101
of 130

Name: Dr. Umakant Gångstrav Dangat
(Chairman SEAC-I)

			1				
2-Ethyl hexyl chloroformate	Liquid	Drums	30	30	35	Local	road
Pivaloyl chloride	Liquid	Drums	8	8	10	Local	road
Benzoyl chloride	Liquid	Drums	30	30	13.7	Local	road
Isopropyl chloroformate	Liquid	Drums	10	10	1.5	Imported	Sea
Isododecane	Liquid	Drums	15	15	27	Imported	Sea
RAV 7AT	Liquid	Drums	25	25	5	Imported	Sea
Tert. butyhydroperoxide 70 %	Liquid	Drums	45	45	93	Imported	Sea
Hydrogen peroxide 70 %	Liquid	Tank	28	28	32.2	Local	road
Acetic acid	Liquid	Drums	2	2	1.4	Local	road
Sulphuric acid	Liquid	Drums	3	3	9.3	Local	road
Sodium hydroxide (30%)	Liquid	Tank	45	45	198	Local	road
Potasium hydroxide	Solid	Drums	3	3	2.2	Local	road
2-EHCL	Liquid	Drums	16	16	19	Local	road
Neo deconoyl chloride	Liquid	Drums	7.5	7.5	4.5	Local	road
Methanol	Liquid	Drums	12	12	30.3	Local	road
1,1,3,3 tetra methyl butyl Hydroperoxide	Liquid	Cans	12	12	4.5	Imported	Sea
Methyl ethyl ketone	Liquid	Drums	3	3	5.8	Local	road
Alcotex	Liquid	Drums	4	4	1	Imported	Sea
Toluene	Liquid	Drums	14.5	14.5	30.3	Local	road
Dequest 2060 S	Liquid	Drums	1.5	1.5	0.7	Imported	Sea
Isobutyryl Chloride	Liquid	Drums	40	40	93.3	Local	road
Acetyl acetone	Liquid	Drums	7	7	1.1	Imported	Sea
spirdane D60	Liquid	Drums	45	45	29.2	Imported	Sea
HCl 30%	Liquid	Tank	20	20	41	Local	Road
Isononanoyl Chloride	Liquid	Drums	16	16	16.3	Imported	Sea
Cyclohexanone	Liquid	Drums	2	2	1	Imported	Sea
Isononanoic Acid	Liquid	Drums	1	1	0.4	Imported	Sea
TBA	Liquid	Drums	6	6	2.1	Imported	Sea
Diisopropanol Benzene	Liquid	Drums	8	8	8.3	Imported	Sea
Sodium Perchlorate	Liquid	Drums	4	4	4.2	Local	Road
DHP	Liquid	Drums	5	5	4.2	Imported	Sea
Isopar H	Liquid	Drums	24	24	27.7	Imported	Sea

**52.Any Other Information** 

No Information Available

**53.Traffic Management** 

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



SEAC Meeting No: 138 th SEAC-1 Meeting Meeting Date: June 1, 2017

Signature: Page 102 Dr. Umakant Gangatzo Dangat Of 130 (Chairman SEAC-I)

	Number and area of basement:	
	Number and area of podia:	
	Total Parking area:	1865.1 sq. m
	Area per car:	
	Area per car:	
Parking details:	Number of 2- Wheelers as approved by competent authority:	
	Number of 4- Wheelers as approved by competent authority:	
	Public Transport:	
	Width of all Internal roads (m):	min. 6 m wide roads are provided inside the plant
	CRZ/ RRZ clearance obtain, if any:	not applicable
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	Scattered patches of Reserve Forest exist at an aerial distance of more than 5 km from the project site.
	Category as per schedule of EIA Notification sheet	schedule 5(f) category 'B1'
	Court cases pending if any	no
	Other Relevant Informations	
	Have you previously submitted Application online on MOEF Website.	Yes
	Date of online submission	07-04-2017

# 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.

PP informed that they have started the production activity from the year 1990 and they have not increased their production capacity , product mix, pollution load in their consented limits.



of 130

Signature: Name: Dr. Umakant Gangatrao Dangat Page 103 Dr. Umakant Dangat (Chairman SEAC-I)

Draft Terms of Reference (TOR) have been discussed and finalized during 138th meeting of SEAC-1. The committee prescribed the following additional TOR along with Standard TOR as available on the Ministry of Environment, Forest and Climate Change website for preparation of EIA-EMP report.

#### **Specific Conditions by SEAC:**

1) PP to submit self-certificate for not making any product mix, no increase in pollution load, no increase in production quantity etc from the issuance of EIA Notification, 1994,2004 and 2006 and their consented quantities; PP also to mention categorically that none of the requirement of EIA Notification has been violated by them.

2) PP to submit their plan to achieve 33% of green belt as per National Forest Policy.
3) PP to submit copies of On Site and Off Site Emergency Preparedness Plan duly accepted by competent authority. 4) 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

5) PP to include detailed water balance chart in EIA report along with quantities of waste water generation and its

disposal.

6) PP to carry out and submit life cycle analysis report and sustainability index for each item to be used on site. 7) PP to submit a note on the status of applicability of General Condition mentioned in the Schedule attached to EIA Notification, 2006.

### FINAL RECOMMENDATION

ed to p. nereof. The Committee decided to Grant ToR subject to the above observations, PP requested to prepare and submit EIA report

apportant Abhay Pimparkar (Secretary SEAC-I)

SEAC Meeting No: 138 th SEAC-1 Meeting Meeting Date: June 1, 2017

**Page 104** of 130

Signature: Name: Dr. Umakant Gangatrao Dangat Dr. Umakant Dangat (Chairman SEAC-I)

## **SEAC-1 Meeting**

SEAC Meeting number: 138 th SEAC-1 Meeting Meeting Date June 1, 2017

Subject: Environment Clearance for Expansion of billet/TMT Bars manufacturing facilities

General Information: Venue: Maharashtra Economic Development Council, Board Room, 3rd Floor, Y.

B. Chavan Centre, Gen. Jagann	athrao Bhosale Marg, Near Mantralaya, Mumbai- 400 020.
1.Name of Project	M/s Geetai Steels Pvt. Ltd., Jalna.
2.Type of institution	Private
3.Name of Project Proponent	Mr. Ashish Agrawal
4.Name of Consultant	M/s. Mantras Green Resources Limited, Nashik
5.Type of project	Not applicable
6.New project/expansion in existing project/modernization/diversification in existing project	Expansion in existing Project
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	Not applicable
8.Location of the project	Plot no: F-21, F-22,F-22 Part I, F-22 part: II, Addl. MIDC area Phase II, Jalna, Dist: Jalna
9.Taluka	Jalna
10.Village	Jalna
11.Area of the project	Industrial Area
12 IOD/IOA/Companies/Plan	Not Applicable
12.IOD/IOA/Concession/Plan Approval Number	IOD/IOA/Concession/Plan Approval Number: No
	Approved Built-up Area: 15950.77
13.Note on the initiated work (If applicable)	No
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	No
15.Total Plot Area (sq. m.)	39021.0sq.m
16.Deductions	Not applicable
17.Net Plot area	Not applicable
10 Dwan and Dwilt up Aven (ECL C	a) FSI area (sq. m.): Not applicable
18.Proposed Built-up Area (FSI & Non-FSI)	b) Non FSI area (sq. m.): Not applicable
	c) Total BUA area (sq. m.): Not applicable
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	450000000

22. Number of buildings & its configuration

Serial number	Buildin	g Name & number	Number of floors	Height of the building (Mtrs)
1	N	Not applicable	Not applicable	Not applicable
23.Number of tenants and shops Not applicable				
24.Number of expected residents / Not applicable users				
25.Tenant per hectar		Not applicable		
26.Height building(s)				
27.Right of (Width of the from the nation to the proposed here)	the road learest fire the	No		

appropries Abhay Pimparkar (Secretary SEAC-I)

SEAC Meeting No: 138 th SEAC-1 Meeting Meeting Date: June 1, 2017

Name: Dr. Umakant Gangatrao Dangat Page 105 of 130 Dr. Umakant Dangat (Chairman SEAC-I)

28.Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation  29.Existing structure (s) if any  30.Details of the demolition with disposal (If applicable)		Not applica	ble	moduct	ion Dotaile						
Serial	Dro	duct		roduction Details (MT/M) Proposed (MT/M) Total (MT/M)							
Number		Product Existing									
1	Billets/T	IMT bars 60			30,000 r. <b>Poguiromon</b>	36,000					
				i	r Requiremen	L					
		Source of water Fresh water (CMD):		70	Not applicable						
		Recycled water -									
		Flushing (CMD):  Recycled water -		Not applica							
		Gardening (CMD): Swimming pool		Not applicable  Not applicable							
Dry season:		make up (Cum):  Total Water Requirement (CMD)		70 Too departure 70							
		Fire fighting - Underground water tank(CMD):		Not applicable							
		Fire fighting - Overhead water tank(CMD):		Not applicable							
		<b>Excess treated water</b>		Not applicable							
		Source of water		Not applicable							
				70							
		Recycled water - Flushing (CMD):		Not applicable							
		Recycled water - Gardening (CMD):		Not applicable							
		Swimming pool make up (Cum):		Not applicable							
Wet season:		Total Water Requirement (CMD)		70							
		Fire fighting - Underground water tank(CMD):		Not applicable							
		Fire fighting - Overhead water tank(CMD):		Not applicable							
		Excess treated water Not applicable									
Details of Swimming pool (If any)  Not applicable											
33.Details of Total water consumed											
Particula rs	Cons	sumption (C	MD)		Loss (CMD)	Effluent (CMD)					



Page 106
of 130
Signature:
Name: Dr. Umakant Gangatreo Dangat
(Chairman SEAC-I)

Water Require ment	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total			
Domestic	05	10	15	5	5	10	0	05	05			
Industrial Process	20	35	55	10	15	25	10	20	30			
Gardening	10	10	20	00	00	00	00	00	00			
Cooling tower & thermopa ck	10	25	35	10	10	20	5	10	15			
		Level of the water table:	Ground	Rain water l	narvesting plai	n is propo	sed					
34.Rain Water Harvesting (RWH)		Size and no of RWH tank(s) and Quantity:		designed								
		Location of the RWH tank(s):		in premises								
		Quantity of recharge pits:		1								
		Size of recha:		designed								
		Budgetary allocation (Capital cost) :		10.00 Lacs								
		Budgetary al (O & M cost)	:	0.5 lacs								
Details of UGT tanks if any:												
Natural water drainage pattern:				No								
35.Storm water drainage		Quantity of swater:	storm	No								
		Size of SWD:		No								
	,			<b>&gt;</b>								
		Sewage general Sewage in KLD:	eration	5 KLD								
		STP technolo	ogy:	Soak pit follow by septic tank								
Sewage and Waste water		Capacity of STP (CMD):  Not applicable										
		Location & a the STP:		Not applicable								
		Budgetary al (Capital cost	:):	07.00 LACS								
	SY	Budgetary al (O & M cost)	:	d waste Management								
								o any domaliti	on co			
Waste generation in the Pre Construction		Waste generation:		Construction will be on plan barren land, there no any demolition so that no any solid waste will be generate.								
and Constr phase:		Disposal of the construction waste debris:		no solid waste will be generate								
		Dry waste:		Slag, Process dust								
		Wet waste:		Sewage through septic tank								
Wasto	noration	Hazardous waste:		no								
Waste gein the ope Phase:	eration	Biomedical waste (If applicable):		Not Applicable								
		STP Sludge (sludge):		Not Applicable								
	674	Others if any	7:	Not Applical	ble		-					
Abhay Pimparkar (Secretary SEAC Meeting Meetin				No: 138 th SI g Date: June 1			e 107    Dr. U	Dr. Umakant Gangetra makant Dangat rman SEAC-I)				

		Dry waste:			sold to brick manufacturers							
Mode of Disposal of waste:		ů .			Zero discharge unit							
		Hazardous waste:			No							
		Biomedical waste (If applicable):			Not Applicable							
		STP Sludge (Dry sludge):		Not Applicable								
		Others if any:			Not Applic	able						
Area requirement:		Location(s):		Not Applicable								
		Area for the storage of waste & other material:		Not Applicable								
		Area for machinery:		Not Applicable								
Budgetary allocation		Capital cost:		Not Applic	Not Applicable							
(Capital co O&M cost)		O & M cost:		Not Applic	Not Applicable							
37.Effluent Charecterestics												
Serial Number	Paran	Parameters		nit	Inlet I	Effluer teresti		Outlet Effluent Charecterestics			Effluent discharge standards (MPCB)	
1	Not Ap	plicable	N Appli		Not Applicable			Not Applicable			Not Applicable	
Amount of effluent generation (CMD):					Not Applicable							
Capacity of	the ETP:		Not A	Not Applicable								
Amount of treated effluent recycled :				Not Applicable								
Amount of water send to the CETP: Not					Not Applicable							
Membership of CETP (if require): Not				Not Applicable								
	P technology		-	ot Applicable								
Disposal of	the ETP sluc	lge		Applica	$\overline{}$	//						
			38	8.Ha	zardous	Was	te D	etails		-		
Serial Number	Descr	iption	Ca	at	UOM	Exis		Proposed	osed Tot		Method of Disposal	
1	Not App	plicable	2.	cable	Not Applicable			Not Applicable	Not Applicable		Not Applicable	
		. 1	3	39.St	tacks en	iissio	n De				T	
Serial Number	Section & units		Fu	Fuel Used with Quantity		Stacl	ς No.	Height from ground level (m)	dia	ernal neter m)	Temp. of Exhaust Gases	
1		me extraction ele			electricity 01		posed: os)	45 Meters.	1.2		40 to 450C	
40.Details of Fuel to be used												
Serial Number Type of Fuel					Existing		Proposed				Total	
1 Electricity					10.01 MW 10.00 MW 20.01 MW							
41.Source	DCL											
42.Mode of	Transportat	ion of fuel to	DCL									





Signature: Page 108
of 130

Name: Dr. Umakant Gångstrav Dangat
(Chairman SEAC-I)

		Total RG a	maa .	220/ of ones	area will be provid	ad			
		No of trees		0	area wiii be provid	eu			
		:		0					
43.Gree	n Beļt	Number of be planted		643					
43.Green Belt Development		List of proposed native trees :		Shirish,neem	Shirish,neem,aam,Ashoka,Bakul,Pangara				
	Timeline for completion of plantation:		ı of	within construction phase					
	44.Nu	mber and	l list of t	rees speci	es to be plan	nted in the ground			
Serial Number	Name of	the plant	Commo	n Name	Quantity	Characteristics & ecological importance			
1	Albizia	lebbeck	Sh	iris	100	Shady tree, yellowish green fragrant flowers			
2	Saraca	a asoka	Ash	oka	200	Shady tree with red-yellow flowers.			
3	Mimuso	ps elengi	Ва	kul	123	Shady tree, small white fragrant flowers			
4		oemia flos- neae	Tan	nhan	100	State flower tree of Maharashtra Medium sized tree, beautiful purple flowers			
5	Bauhinia	racemosa	Aa	pta	120	Small tree with small white flowers, Butterfly host plant			
		ntity of plan							
	iber and	list of sl	<u>ırubs an</u>	d bushes	species to be	planted in the podium RG:			
Serial Number		Name		C/C Distance		Area m2			
1	Not	Applicable		Not Applical		Not Applicable			
				47.En	ergy				
		Source of particles supply:	power	MSEDCL					
		During Cor Phase: (De Load)	nstruction mand	1 MW					
		back-up du	DG set as Power back-up during construction phase						
		During Operation phase (Connected load):		10 MW					
Pov require	wer ement:	During Opphase (Derload):	eration nand	10 MW					
	1	Transform	er:	No					
		DG set as l back-up du operation	ıring	500 KVA					
	2)	Fuel used:		HSD					
Details of high tension line passing through the plot if any:		No							
		48.Ene	rgy savi	ng by non	-conventiona	l method:			
No									
0 1 1		49	9.Detail	calculatio	ns & % of sa	ving:			
Serial Number	E	nergy Cons	ervation M	easures		Saving %			
1			NO			No			
50.Details of pollution control Systems									



Page 109
of 130
Signature:
Name: Dr. Umakant Gangatao Dangat
(Chairman SEAC-I)

Source	Existing pollution control system Proposed to be installed								
Furnace			system followed by l		Fumes	extraction sys			
	allocation	_	, , , , , , , , , , , , , , , , , , ,		1 unics	CALITUCTION 3y3	tem followe	a by 1100u	
(Capital	cost and cost):	O & M cos							
			tal Manage		nlan Ru	dactary	Alloca	otion	
31	· 111V11		Construction				Alloca	111011	
Serial				phase			<i></i>		
Number			Parameter		Total C	ost per annu	m (Rs. In L	Lacs)	
1	Air po	llution	control device, chimney, water cooling arrangeme insulation etc	nter ement,					
2		ewater gement	Wastewater management			10			
3	Solid Was	te disposal	Solid Waste dispo	sal		08	O'		
4	Gree	n Belt	Development of Gr belt by plantation 643 plants,herbs a shrubs covering 3 area of total area	of and 3%		7	00		
5	Moni	toring	Environmental parameters to be monitored			00			
6	Environn	nental Cell	Management of environment by Environment Management Department		- 000				
7	To	otal	Total			107			
		h	Operation P	hase (v	vith Break	:-up):			
Serial Number	Comp	onent	Description	Ca	pital cost Rs. Lacs	In Operat	Operational and Maintenance cost (Rs. in Lacs/yr)		
1	Air po	ollution	control device, chimney, water cooling arrangeme insulation etc	120			08		
	Wastewater		insulation etc						
2		ewater gement	Wastewater management		7		1.2		
3	mana		Wastewater		7 07		1.2		
	Solid Was	gement	Wastewater management	sal reen of and 3%	7 07 3				
3	Solid Was	gement te disposal	Wastewater management  Solid Waste dispo  Development of Gr belt by plantation 643 plants,herbs a shrubs covering 3	reen of and 3% a			1		
3	Moni	gement te disposal n Belt	Wastewater management  Solid Waste dispo  Development of Gr belt by plantation 643 plants, herbs a shrubs covering 3 area of total are  Environmental parameters to be	sal eeen of and 3% a			1		
3 4 5	Moni Environn	te disposal  n Belt toring	Wastewater management  Solid Waste dispo  Development of Gr belt by plantation 643 plants, herbs a shrubs covering 3 area of total area.  Environmental parameters to be monitored  Management of environment by Environment Management	sal eeen of and 3% a			1 2		
3 4 5 6	Moni Environn	te disposal n Belt toring nental Cell	Wastewater management  Solid Waste dispo  Development of Gr belt by plantation 643 plants, herbs a shrubs covering 3 area of total area.  Environmental parameters to be monitored  Management of environment by Environment Management Department  Total	sal geen of and 3% a	137	osive/haz	1 1 2 2		
3 4 5 6	Moni Environn To	te disposal n Belt toring nental Cell	Wastewater management  Solid Waste dispo  Development of Gr belt by plantation 643 plants, herbs a shrubs covering 3 area of total are.  Environmental parameters to be monitored  Management of environment by Environment Management Department	sal geen of and 3% a	137 Dle/exploces)  Maximum Quantity of Storage	Consumption / Month in MT	1 1 2 2		



Signature: Page 110
of 130

Name: Dr. Umakant Gånpæræ Dangat
(Chairman SEAC-I)

Not Applicable	Not Applicable	Not Applicable		Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	
		52.A	ny Ot	her Info	rmation				
No Information Availab	ole								
	_		Traffi	ic Mana	gement				
			Not Ap	plicable					
	Number basemer	and area of nt:	Not Ap	plicable					
	Number podia:	and area of	Not Ap	plicable					
	Total Pa	rking area:	Not Ap	plicable					
	Area per	car:	Not Ap	plicable					
	Area per		Not Ap	plicable					
Parking details:	Number Wheeler approved compete authorit	s as d by ent	Not Ap	00					
	Number Wheeler approved compete authorit	s as d by ent	Not Ap	plicable		100			
	Public T	ransport:	Not Ap	plicable		)			
	Width of roads (n	f all Internal n):	Not Ap	plicable					
	CRZ/ RR obtain, i	Z clearance f any:	Not Ap	plicable	<u> </u>				
	Criticall areas / E	ed Areas / y Polluted co-sensitive ater-State	Not Ap	pplicable					
	Category schedule Notificat	y as per e of EIA tion sheet	Not Ap	plicable					
	if any	ses pending	Not Ap	plicable					
	Other Ro Informa		Not Ap	plicable					
6	Have you previously submitted Application online on MOEF Website.			No					
GY	Date of c submiss		-						

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.

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.

PP informed that they have obtained earlier Environment Clearance vide No. SEAC2010/CR-386/TC-2 dated 30.09.2011.

## DECISION OF SEAC



SEAC Meeting No: 138 th SEAC-1 Meeting Meeting Date: June 1, 2017

**Page 111** of 130

Draft Terms of Reference (TOR) have been discussed and finalized during 138th meeting of SEAC-1. The committee prescribed the following additional TOR along with Standard TOR as available on the Ministry of Environment, Forest and Climate Change website for preparation of EIA-EMP report.

### **Specific Conditions by SEAC:**

- 1) PP to submit compliance report of the Regional Office of MoEF &CC for their earlier EC dated 30.09.2011.
  2) PP to provide STP for domestic waste water treatment.

- 3) PP to submit their plan to achieve 33% of green belt as per National Forest Policy.4) PP to submit copies of On Site and Off Site Emergency Preparedness Plan duly accepted by competent authority.
- 5) PP to include detailed water balance chart in EIA report along with quantities of waste water generation and its disposal.

  6) PP to carry out and submit life cycle analysis report and sustainability index for each item to be used on site.

### FINAL RECOMMENDATION

as apare and s

apare and s

contained a line of the second and s

con 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.

apropriest Abhay Pimparkar (Secretary

SEAC-I)

SEAC Meeting No: 138 th SEAC-1 Meeting Meeting Date: June 1, 2017

**Page 112** of 130

# **SEAC-1 Meeting** SEAC Meeting number: 138 th SEAC-1 Meeting Meeting Date June 1, 2017 Subject: Environment Clearance for Proposed API Manufacturing unit of M/s Chinchem Laboratories Pvt. Ltd.

General Information: Venue: Maharashtra Economic Development Council, Board Room, 3rd Floor, Y.

B. Chavan Centre, Gen. Jagann	athrao Bhosale Marg, Near Mantralaya, Mumbai- 400 020.					
1.Name of Project	M/s Chinchem Laboratories Pvt. Ltd.					
2. Type of institution	Private					
3.Name of Project Proponent	Dr. Nikhil Dhoot					
4.Name of Consultant	M/s Sadekar Enviro Engineers Pvt. Ltd.					
5. Type of project	Not applicable					
6.New project/expansion in existing project/modernization/diversification in existing project	New Project ( Green Field Project)					
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	NA NA					
8.Location of the project	G-18, Lote-Parshuram Industrial Area MIDC					
9.Taluka	Khed					
10.Village	Dhamandevi					
11.Area of the project	Lote Parshuram MIDC					
12 IOD/IOA/O	NA					
12.IOD/IOA/Concession/Plan Approval Number	IOD/IOA/Concession/Plan Approval Number: Plan is not yet approved					
**	Approved Built-up Area: 6300					
13.Note on the initiated work (If applicable)	NA					
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	Possession receipt from MIDC					
15.Total Plot Area (sq. m.)	20000 sq.m.					
16.Deductions	Not applicable					
16.Deductions 17.Net Plot area	•					
17.Net Plot area	Not applicable  Not applicable  a) FSI area (sq. m.): Not applicable					
	Not applicable  Not applicable  a) FSI area (sq. m.): Not applicable  b) Non FSI area (sq. m.): Not applicable					
17.Net Plot area  18.Proposed Built-up Area (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.): Not applicable					
17.Net Plot area  18.Proposed Built-up Area (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.Proposed Built-up Area (FSI & Non-FSI)	Not applicable  a) FSI area (sq. m.): Not applicable  b) Non FSI area (sq. m.): Not applicable  c) Total BUA area (sq. m.): Not applicable  Not applicable  Not applicable					
17.Net Plot area  18.Proposed Built-up Area (FSI & Non-FSI)  19.Total ground coverage (m2)  20.Ground-coverage Percentage (%) (Note: Percentage of plot not open	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.): Not applicable  Not applicable					

22. Number of buildings & its configuration

				,	
Serial number	Buildin	g Name & number	Number of floors	Height of the building (Mtrs)	
1	N	Not applicable	Not applicable	Not applicable	
23.Number tenants an		Not applicable			
24.Number expected r users		Not applicable			
25.Tenant per hectar		Not applicable			
26.Height building(s)	of the )				
27.Right of the from the notation to proposed h	the road learest fire the	8 meter			

apportances Abhay Pimparkar (Secretary SEAC-I)

SEAC Meeting No: 138 th SEAC-1 Meeting Meeting Date: June 1, 2017

Name: Dr. Umakant Gangatrao Dangat Page 113 | Dr. Umakant Dangat (Chairman SEAC-I)

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

applicable	e)									
	31.Production Details									
Serial Number	Pro	duct	Existin	g (MT/M)	Proposed (MT/M)	Total (MT/M)				
1	Isosorbide-5	i-Mononitrate		0	5.0	5.0				
2		osorbide-5- nitrate		0	10.0	10.0				
3		Isosorbide itrate		0	15.0	15.0				
4	Diluted N	itroglycerin		0	25.0	25.0				
5	Isoso	orbide		0	5.0	5.0				
6	Dimethyl	Isosorbide		0	5.0	5.0				
7	Carbi	mazole		0	2.5	2.5				
8	Methi	mazole		0	2.5	2.5				
9	Acetic Acid	(By-product)		0	2.08	2.08				
		32	2.Tota	<u>l Water</u>	Requirement					
		Source of water		Not applicable						
		Fresh water (CMD):		Not applicable						
		Recycled wa Flushing (C	ter - MD):	Not applicable						
		Recycled wa Gardening (	ter - CMD):	Not applicable						
		Swimming p make up (Cu	oool um);	Not applicable						
Dry season	n:	Total Water Requirement:	t (CMD)	Not applicable						
			j - d water	Not applicable						
	1	Fire fighting Overhead watank(CMD):	j - ater	Not applicable						
	Exces		ed water	Not applicab	le					







		Source of wa	iter	Not applicable							
		Fresh water	(CMD):	Not applicab	ole						
		Recycled wat Flushing (CN	ter - AD):	Not applicable							
		Recycled wat Gardening (	ter - CMD):	Not applicable							
		Swimming p make up (Cu	ool m):	Not applicab	ole						
Wet season: Total Water Requirement (CMD)				Not applicab	ole						
		Fire fighting Underground tank(CMD):	d water	Not applicab	ble						
		Fire fighting Overhead wa tank(CMD):	ter	Not applicab	ole			<b>(</b> )			
		Excess treate	ed water	Not applicab	ole						
Details of S pool (If any	Swimming 7)	Not applicable	е								
		33	.Detail	s of Total	water co	nsumed					
Particula rs	Cons	sumption (CM	ID)	1	Loss (CMD)		Effluent (CMD)				
Water Require ment	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total		
Domestic	0	1.8	1.8	0	0.36	0.36	0	1.44	1.44		
Industrial Process	0	51	51	0	0	0	0	63.04	63.04		
Cooling tower & thermopa ck	0	241.31	241.31	0	207.64	207.64	0	33.67	33.67		
Gardening	0	19.47	19.47	0	19.47	19.47	0	0	0		
Fresh water requireme nt	0	313.58	313.58	0	227.47	227.47	0	98.15	98.15		
		Level of the water table:	Ground	NA							
		Size and no tank(s) and Quantity:	of RWH	NA							
		Location of t tank(s):	he RWH	NA							
34.Rain V Harvestin	Vater	Quantity of r pits:	recharge	NA							
(RWH)		Size of recha:	rge pits	NA							
		Budgetary al (Capital cost	llocation	NA							
			llocation	NA							
		Details of U( if any :		Undergroun tank - 100 K	d Fire Hydran L will be const	t Tank- 300 ructed	) KL and Pro	cess water sto	rage		







		Natural wa drainage p		Storm water drainage w	rill be provided					
35.Storm drainage		Quantity o water:	f storm	66.6 KL/Hr						
		Size of SW	D:							
		Sewage ge in KLD:	neration	1.44						
		STP techno	ology:	Sewage generated from domestic activity will be treated in Septic tar and overflow from septic tank will be connected to the Aeration tank ETP.						
Sewage Waste w	and	Capacity o (CMD):	f STP	NA						
waste w	ater	Location & the STP:	area of	NA						
		Budgetary (Capital co	allocation st):	NA		0,3				
		Budgetary (O & M cos	allocation st):	NA						
			36.Solic	d waste Mana	gement					
Waste gen	eration in	Waste gen			waste will get generated	during construction				
the Pre Co and Consti phase:	nstruction	Disposal or construction debris:			be disposed through loca	al body.				
		Dry waste:		NA						
		Wet waste		NA						
		Hazardous	waste:	NA						
Waste ge in the op Phase:	neration eration	Biomedica applicable		NA						
i iidse.		STP Sludg sludge):		NA	NA .					
		Others if a	nv:	NA						
		Dry waste:	_	NA NA						
		Wet waste		NA						
		Hazardous	waste:	NA						
Mode of of waste:	Disposal	Biomedica applicable	l waste (If	NA						
		STP Sludg sludge):	e (Dry	NA						
		Others if a	*	NA						
	•	Location(s	):	Dedicated area for HW	storage will be provided	as per plot layout				
Area requirem	ent:	Area for the of waste & material:	e storage other							
	5	Area for m	achinery:							
Budgetary	allocation	Capital cos	st:	5						
(Capital co O&M cost)	st and :	O & M cos	t:	10						
,			37.Ef	fluent Charecter	estics					
Serial Number	Paran	neters	Unit	Inlet Effluent Charecterestics	Outlet Effluent Charecterestics	Effluent discharge standards (MPCB)				
1	р	Н		3.6	In between 6.5-8.5	In between 6.5-8.5				
2	CO	OD	mg/l	90000	<250	<250				
3	В	OD	mg/l	30000	<100	<100				
4	TI	OS	mg/l	195000	<2100	<2100				
5	T	SS	mg/l	7000	<100	<100				







		1							
Amount of e (CMD):	effluent generation	98.15 CMD							
Capacity of	the ETP:	HCOD/HTDS treatment: Pre Primary + Primary Treatment followed by Stripper MEE with ATFD of 77 CMD capacity And MEE condensate + LCOD/LTDS treatment : 95 CMD							
Amount of t recycled:	reated effluent	67 CMD							
	water send to the CETP:	It will be	ZLD project						
Membershi	p of CETP (if require):		sional member	ship w	ill be t	taken			
Note on ET	P technology to be used	treatmen be treate be conne with LCO	HCOD/HTDS effluent from process will be treated by giving pre primary + Primary treatment followed by Stripper MEE with ATFD. while the LCOD/ LTDS effluent will be treated in conventional ETP. The condensate from MEE and sewage effluent will be connected to the aeration system of conventional ETP and it will be treated along with LCOD effluent. After tertiary treatment it will get passed through two stage RO system and the reject from RO will be connected to evaporator of MEE						
Disposal of	the ETP sludge	ETP slud	ge will be disp	osed th	rough	CHWTSDF,	Taloja		
		38.F	Iazardous	Was	te D	etails			<b>3</b>
Serial Number	Description	Cat	UOM	Exis	ting	Proposed	Tot	al	<b>Method of Disposal</b>
1	Distillation Residue	20.3	T/M	0	)	22.20	22.	20	CHWTSDF, Taloja
2	Spent Carbon	28.3	T/M	0	)	1.99	1.9		CHWTSDF, Taloja
3	Chemical Sludge from Wastewater treatment	35.3	T/M	0		3.0	3.0		CHWTSDF, Taloja
4	Process Residue	28.1	T/M	0	)	1.95	1.9	5	CHWTSDF, Taloja
5	MEE Residue	37.3	T/D	0	)	13	13	}	CHWTSDF, Taloja
6	Discarded containers barrels/liners/ plastic bags/ PPE etc	33.1	Nos/M	0	2	1000	100	00	CHWTSDF, Taloja / MPCB authorized recycler
7	Recovered Mix Solvents from Process effluent stream using Stripper MEE	28.2	T/M	0		21	21	L	CHWTSDF, Taloja
8	Spent Oil	5.1	5.1 Lit/M 0 200			20	0	MPCB authorized recycler	
		39.	Stacks em	issio	n De	etails			
Serial Number	Section & units	Fuel Used with Quantity		Stack	x No.	Height from ground level (m)	Inter diam (m	eter	Temp. of Exhaust Gases
1	0.5 TPH boiler X 2 Nos.	LDO:	0.235 KLD	1		30	0.0	ô	110
2	2.0 TPH boiler	LDO:	2.122 KLD	2		30	0.0	ô	110
3	Thermopack of 250000 Kcal/ hr X 2 Nos	LDO	: 0.7 KLD	3	1	30	0.0	6	110
4	Scrubber -1			4		11	0.4	4	32
5	Scrubber -2			5		11	0.4	4	32
6	Scrubber -3			6		11	0.4	4	32
7	Scrubber -4			7		11	0.4	4	32
8	Scrubber -5			8		11	0.4	4	32
9	D.G. set 400 KVA		89.5 L/Hr	9		4 meter above roof	0.1	2	50
		<b>40.</b> D	etails of I	uel t	to be	e used			
Serial Number	Type of Fuel		Existing			Proposed			Total
1	LDO		0			3.06 KL/D			3.06 KL/D
2	HSD		0			89.5 L/Hr			89.5 L/Hr
41.Source			al Vendor						
42.Mode of	Transportation of fuel to	site By	road						



Signature: Page 117
of 130

Name: Dr. Umakant Gångstrao Dangat
(Chairman SEAC-I)

	Total RG area:	3894 sq.m.
	No of trees to be cut :	NA
	Number of trees to be planted :	566
43.Green Belt Development	List of proposed native trees :	Aegle marmelos, Terminalia bellerica, Mangifera indica, Derris indica, Terminalia arjuna, Neolamarckia cadamba, Bombax ceiba, Azadirachta indica, Terminalia paniculata, Terminalia elliptica, Schleichera oleosa, Plumeria rubra, Ixora coccinea, Heterophragma quadriloculare, Oroxylum indicum, Nerium oleander, Catunaregum spinosa, Butea monosperma, Cassia fistula, Tabernaemontana alternifolia, Bougainvillea spectabiis,
	Timeline for completion of plantation :	1 year after grant of Environmental Clearance

44. Number and list of trees species to be planted in the ground

	I I I I I I I I I I I I I I I I I I I	i iist of trees spe	cies to be plante	
Serial Number	Name of the plant	Common Name	Quantity	Characteristics & ecological importance
1	Ixora coccinea	Rukmini/Bakavali	20	A native shrub blooming throughout the year usually visited by nectar feeding birds & butterflies.
2	Heterophragma quadriloculare	Waras	25	A native deciduous tree visited by nectar feeding birds. Large leaf area helps in settling of dust.
3	Oroxylum indicum	Tetu	25	A native ornamental tree.
4	Nerium oleander	Kaner	35	A native hardy species, drought resistant with fragrant flowers.
5	Catunaregum spinosa	Gela	30	Mountain Pomegranate is an armed shrub or small native evergreen tree
6	Butea monosperma	Palash	30	A native brilliantly flowering tree fed by local birds fairly common
7	Cassia fistula	Bahava	20	Native ornamental tree having flowers attracting bees and butterflies
8	Tabernaemontana alternifolia	Naag kuda	20	A small evergreen native tree
9	Bougainvillea spectabiis	Booganvel	8	An ornamental tree blooming throughout the year
10	Plumeria rubra	Chafa	20	An evergreen brilliantly flowering shrub
11	Schleichera oleosa	Kusum	33	A native tree found in abundance in Sahyadris.
12	Terminalia elliptica	Ain	30	A native evergreen broad leaved tree common in the Sahyadris.
13	Terminalia paniculata	Kindal	25	Kindal is a tropical tree with a large natural distribution in Western Ghats
14	Azadirachta indica	Neem	85	A native evergreen tree known for plantation in polluted area.
15	Bombax ceiba	Sawar	10	A native tree with large showy flowers visited by birds.
16	Neolamarckia cadamba	Kadamba	10	A native evergreen tree with thick canopy.
17	Terminalia arjuna	Arjun	20	A native evergreen tree with large canopy
18	Derris indica	Karanja	30	A native tree blooming throughout the year
19	Mangifera indica	Amba	40	A native evergreen tree with large canopy & large leaf area which helps in dust settling



SEAC Meeting No: 138 th SEAC-1 Meeting Meeting Date: June 1, 2017 Page 118
of 130
Signature:
Name: Dr. Umakant Gangatzeo Dangat
Dr. Umakant Dangat
(Chairman SEAC-I)

20	Terminali	a bellerica	Ba	heda	30 A native medicinally important tree						
21	Aegle m	armelos	E	Bael	2	0	A native evergreen tree				
		ntity of plan					•				
46.Num	ber and	list of sh	irubs ai	nd bushes	species	to be p	planted in the podium RG:				
Serial Number		Name		C/C Dista	nce	Area m2					
1		NA		NA			NA				
				47.Er	47.Energy						
		Source of particles supply:		MSEDCL	MSEDCL						
		During Cor Phase: (De Load)	nstruction mand	300 KW							
		DG set as I back-up du construction	ring	NA			(5)				
-		During Openhase (Corload):	eration inected	400 KW			000				
Pov require	ver ement:	er During Operation					-0"				
		Transform	er:	625 KVA							
		DG set as I back-up du operation	iring	400 KVA							
		Fuel used:		HSD							
		Details of litension lin through thany:	e passing	NA							
		48.Ene	rgy sav	ing by no	n-conver	ntional	method:				
NA			33	4	<b>Y</b>						
		49	9.Detail	calculati	ons & %	of savi	ng:				
Serial Number	Е	nergy Cons	ervation M	leasures							
1			NA				NA				
		50.	<b>Details</b>	of polluti	ion cont	r <mark>ol Sys</mark> t	tems				
Source	E	xisting poll	ution cont	rol system		P	Proposed to be installed				
Process Emissions			NA		Tot	tal 5 Acid/A st	Alkali Scrubbers will be provided with tack height of 11 m height				
Boiler and Thermopack	1		NA		;	3 number o	of Stacks of 30 meter height will be provided				
D.G. set	$\langle \lambda \rangle$	<b>-</b>	NA		Sta	ck of 4 me	eter height above roof will be provided				
Budgetary (Capital	cost and	Capital cos		NA							
Ō&M	~	O & M cost			NA						
51	.Envir						getary Allocation				
		a) (	Constru	ction pha	se (with	Break-	-up):				
Serial Number	Attributes Para			arameter Total Cost per annum (Rs. In Lacs)							
1	Air Envi	ronment		upression 2							
2	Water En	vironment	sanitary	rement of facility like toilets etc	like 5						



Page 119
of 130

Signature:

Name: Dr. Umakant Gångstrae Dangat
(Chairman SEAC-I)

	3	Solid Hazardous waste	Handling, transportation and disposal of Construction waste through local body	5
2	4	Noise Environment	PUC certified vehicles etc, PPE	1

b) Operation Phase (with Break-up):

b) Operation rhase (with break-up).								
Serial Number	Component	Description	Capital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)				
1	Air Environment	Construction of 3 stacks and installation of 5 nos of process scrubbers with stack height of 11m height	117.7	15.2				
2	Water Environment	Purchase of Stripper MEE with ATFD, construction of ETP and installation of RO system	360	21.8				
3	Noise Environment	Noise Pollution Control, Installation of anti-vibration pads, & Enclosures.	2	0.5				
4	Environment Monitoring & Management	Monitoring	0	3.5				
5	Occupational Health	Glares, Breathing Masks, Gloves, Boots, Helmets, Ear Plugs etc. & annual health- medical checkup of workers, Occupational Health (training, OHC center)	5	2				
6	Green Belt	Development and maintenance of green belt	10.3	2.16				
7	Solid waste Management	Solid Waste Management	5	10				

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
40% Methyl methacrylate	Liquid	Drum	19.5	19.5	58.4	Local	By Road
70% HNO3	Liquid	Tank	5	5	13.96	Local	By Road
70% Sorbitol	Liquid	Tank	25	25	72.5	Local	By Road
98% HNO3	Liquid	Tank	3.5	3.5	9.74	Local	By Road
Acetic Anhydride	Liquid	Drum	10.5	10.5	30.94	Local	By Raod
Acetone	Liquid	Carboy	15.5	15.5	46.08	Local	By Road
Ammonium Thiocynate	Solid	Bags	2.5	2.5	6.4	Local	By Road
Bromine	Liquid	Bottles	11.3	11.3	67.7	Local	By Road
Charcoal	Solid	Bags	0.98	0.98	0.98	Local	By Road
Dimethyl Sulphate	Liquid	Drum	5	5	15	Local	By Road
Ethyl chloroformate	Liquid	Drum	1	1	2.9	Local	By Road
Glycerin	Liquid	Carboy	0.4	0.4	1.13	Local	By Road
Isosorbide-2-Acet	Liquid	Drum	6	6	16.77	Local	By Road
КОН	Solid	Bags	15	15	45	Local	By Road



SEAC Meeting No: 138 th SEAC-1 Meeting Meeting Date: June 1, 2017 Page 120
of 130

Signature:

Name: Dr. Umakant Gangerrao Dangat
(Chairman SEAC-I)

			-					1			
Lactose	Solid	Bags		14.5	14.5	43.75	Local	By Road			
Methanol	Liquid	Tank		20	20	132.7	Local	By Road			
Methylene Chloride	Liquid	Drum		2.5	2.5	7.35	Local	By Road			
p-Toulene Sulphonic Acid	Solid	Bags		0.58	0.58	0.58	Local	By Road			
Pyridine	Liquid	Drum		0.5	0.5	2.15	Local	By Road			
Soda Ash	Solid	Bags		4	4	11.6	Local	By Road			
Sodium acetate anhydrous	Solid	Bags		0.5	0.5	1.4	Local	By Road			
Sodium Hydroxide	Solid	Bags		2	2	6.3	Local	By Road			
Sodium Methoxide	Solid	Bags		0.46	0.46	0.46	Local	By Road			
Sulphuric Acid	Liquid	Tank		10	10	28.2	Local	By Road			
Toluene	Liquid	Tank		20	20	160	Local	By Road			
Vinyl Acetate Monomer	Liquid	Drum		12	12	36	Local	By Road			
		52.A	ny Ot	her Info	rmation	1		7			
No Information Availab	ole										
		53.	Traffi	c Manaç	<u>jement</u>						
	to the m design of confluer	he junction ain road & f ice:				0					
	Number basemer	and area of nt:									
	Number podia:	and area of									
	Total Pa	rking area:	2400								
	Area per	car:									
	Area per	car:									
Parking details:	Number Wheeler approve compete authorit	of 2- s as d by ent									
	Number Wheeler approve compete authorit	s as d by ent	<u> </u>								
	Public T	ransport:									
	Width or	f all Internal									
	_	Z clearance	NA								
6	Distance Protecte Criticall areas / I	e from ed Areas / y Polluted co-sensitive ater-State	NA								
	Categor schedule Notifica	y as per e of EIA tion sheet	5(f) Cat	t : B1							
	Court ca	ses pending	NA								
	Other Re Informa										
	submitte Applicat	u previously ed ion online F Website.	No								



Date of online submission

# 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

Draft Terms of Reference (TOR) have been discussed and finalized during 138th meeting of SEAC-1. The committee prescribed the following additional TOR along with Standard TOR as available on the Ministry of Environment, Forest and Climate Change website for preparation of EIA-EMP report.

### **Specific Conditions by SEAC:**

 PP to submit their plan to achieve 33% of green belt as per National Forest Policy.
 PP to submit copies of On Site and Off Site Emergency Preparedness Plan duly accepted by competent authority. 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

4) PP to include detailed water balance chart in EIA report along with quantities of waste water generation and its disposal.

5) PP to submit an affidavit for achieving Zero Liquid Discharge and not discharging any additional load on CETP or in any other source outside the limits of factory premises.

6) Committee observed that most of the raw material goes into the effluent stream which results in the wastage of resource and sue of additional energy to treat it; PP advised to look into the process of all the products and try to use maximum raw materials to convert into the product so that energy and resources can be saved; PP to include their report in the EIA.

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.

apropriest Abhay Pimparkar (Secretary

SEAC-I)

SEAC Meeting No: 138 th SEAC-1 Meeting Meeting Date: June 1, 2017

**Page 122** of 130

### **SEAC-1 Meeting SEAC Meeting number:** 138 th SEAC-1 Meeting **Meeting Date** June 1, 2017 Subject: Environment Clearance for M/s. Vipul Organics Limited **General Information:** Venue: Maharashtra Economic Development Council, Board Room, 3rd Floor, Y. B. Chavan Centre, Gen. Jagannathrao Bhosale Marg, Near Mantralaya, Mumbai- 400 020. Expansion of Synthetic Organic Pigments and Dyestuffs, Pigment Dispersion, Naphthols, Fast Salts and Vat Dyes at MIDC Ambernath, Maharashtra 1.Name of Project 2. Type of institution 3.Name of Project Proponent Mr. Vipul Shah 4. Name of Consultant Ultra-Tech Environmental Consultancy and laboratory Synthetic Chemical project under category 'B' located at Ambernath Industrial Area 5. Type of project 6.New project/expansion in existing project/modernization/diversification in existing project **Expansion Project** 7.If expansion/diversification, whether environmental clearance has been obtained for existing NA Plot No: A-14 MIDC Ambernath Industrial Area, District Thane, Maharashtra 8.Location of the project 9.Taluka Ambernath 10.Village Kansi Thane Municipal Corporation (Ambernath Industrial Estate) 11.Area of the project Project is Located in MIDC area of Ambernath 12.IOD/IOA/Concession/Plan IOD/IOA/Concession/Plan Approval Number: Project is Located in IMIDC area of Ambernath Approval Number **Approved Built-up Area:** 7097 13.Note on the initiated work (If applicable) NA 14.LOI / NOC / IOD from MHADA/ NA Other approvals (If applicable) 15. Total Plot Area (sq. m.) 7097m2 16.Deductions NA 7097m2 17.Net Plot area a) FSI area (sq. m.): NA 18.Proposed Built-up Area (FSI & Non-FSI) b) Non FSI area (sq. m.): NA c) Total BUA area (sq. m.): 7097 m2 3548 m2 19.Total ground coverage (m2) 20.Ground-coverage Percentage (%) (Note: Percentage of plot not open 50 to sky) 21.Estimated cost of the project 95500000 22.Number of buildings & its configuration Serial **Building Name & number** Height of the building (Mtrs) **Number of floors** number As per Site Layout As per Site Layout As per Site Layout 23. Number of Not applicable tenants and shops 24. Number of expected residents / NA 25.Tenant density NA per hectare 26.Height of the building(s) 27.Right of way (Width of the road from the nearest fire Existing infrastructure of Roadways shall be utilized station to the proposed building(s)

Abhay Pimparkar (Secretary SEAC-I)

SEAC Meeting No: 138 th SEAC-1 Meeting Meeting Date: June 1, 2017

20 TI 1	1.												
28.Turning for easy ac fire tender movement around the excluding for the pla	from all building the width	9m											
29.Existing structure (	y s) if any	Existing Ma utilities, etc		Shed, Admir	o Office, Godown, ETP, L	aboratory and other ancillary							
30.Details demolition disposal (I applicable)	with f	NA											
			31.P	roduct	roduction Details								
Serial Number		duct	Existing	(MT/M)	Proposed (MT/M)	Total (MT/M)							
1	Synthetic Pigments &	C Organic Dyestuffs	2	2	198	200							
2	Pigment I	Dispersion	(	)	100	100							
3		thols		5	42	48							
4		Salts	2		58	60							
5	Fast	Salts	2		58	60							
					r Requiremen	it .							
		Source of v Fresh wate		MIDC Ambe	ernath	9							
		Recycled w	ater -	0	0								
		Recycled w Gardening	ater -	0	0								
		Swimming make up ((	pool	0									
Dry season	:	Total Wate Requireme	er ent (CMD)	783	7								
		Fire fighting Undergroutank(CMD)	nd water	0									
		Fire fightin Overhead v tank(CMD)	vater	0									
		Excess trea		0									
		Source of v		Rain water/MIDC Ambernath									
		Fresh wate		692									
		Recycled w Flushing (	CMD):	0									
	CY	Recycled w Gardening	(CMD):	0									
		Swimming make up ((	Cum):	0									
Wet season	1:	Total Wate Requireme		692									
		Fire fightin Undergrou tank(CMD)	nd water	0									
		Fire fightin Overhead v tank(CMD)	water	0									
		Excess trea	ated water	0									
Details of S pool (If an	Swimming y)	Not applica	ble										



		33	.Detail	s of Tota	l water co	nsume	d						
Particula rs	Cons	umption (CM	D)	]	Loss (CMD)		Ef	fluent (CMD)					
Water Require ment	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total				
Industrial Process	0	727.6	727.6	0	242.8	242.8	0	484.9	484.9				
Cooling tower & thermopa ck	0	49.5	49.5	0	46.8	46.8	0	2.7	2.7				
Gardening	0	2	2	0 2 2 0 0 0									
Domestic	0	3.9	3.9	0	0.7	0.7	0	3.2	3.2				
Fresh water requireme nt	0	783	783	0 292.2 292.2 0 490.8 490.8									
		Level of the water table:	Ground	5.5m				9					
		Size and no c tank(s) and Quantity:	of RWH	RWH shall k	e routed to pr	oposed ur	iderground w	ater tank of 20	00m3				
		Location of t tank(s):	he RWH	Within Plot	Premises								
34.Rain V Harvestii		Quantity of r pits:	echarge	NA									
(RWH)	5	Size of recha:	rge pits	NA	0								
		Budgetary al (Capital cost	location ) :	NA									
		Budgetary al (O & M cost)	location :	NA									
		Details of UC if any:	T tanks	Under Grou	nd water tank	will be pr	ovided for fir	e fighting					
			$\langle \lambda \rangle$	\ <u>\</u>									
		Natural wate drainage pat		As per Site Layout									
35.Storm drainage		Quantity of swater:	torm	NA									
		Size of SWD:	<u> </u>	NA									
		Sewage general Sewage in KLD:	ration	2.7									
		STP technolo	ogy:	Septic Tank	followed by So	oak Pit							
Carre	C)	Capacity of S (CMD):		NA									
Sewage Waste w	and vater	Location & a the STP:	rea of	NA									
	Budgetary alloc (Capital cost):		location ):	NA									
		Budgetary al (O & M cost)	location :	NA									
		36	Soli	d waste	Manag	emen	t						
Waste gen	eration in	Waste gener			to be reused a								
the Pre Co and Constr phase:	nstruction	Disposal of t construction debris:	he	NA		3							



Signature: Page 125
of 130

Name: Dr. Umakant Gångstrav Dangat
(Chairman SEAC-I)

		Dry waste:		12 Kg/day								
		Wet waste		5 Kg/day								
Waste ge	neration	Hazardous	s waste:					d Lubricants 0.5MTM, PE/LDTE/Gunny Bags				
in the ope Phase:	eration	Biomedica applicable	l waste (If ):	NA								
		STP Sludg sludge):	e (Dry	NA	A							
		Others if a	ny:	NA								
		Dry waste:		Hand over	to authorized	l recyclers/ve	endors					
		Wet waste	•	Vermi Composting (Off-site)								
25 1 63	D. 1	Hazardous		CHWTSDF	or Reuse/Sel	ll to Scrap Ve	endors as fe	asible				
Mode of l of waste:	Disposal	Biomedica applicable		NA								
		STP Sludg sludge):	e (Dry	NA								
		Others if a	ny:	NA								
		Location(s	•	NA								
Area requirem	ent:	Area for the of waste & material:		NA			0					
		Area for m	achinery:	NA			9					
Budgetary (Capital co	allocation	Capital cos	st:	NA								
O&M cost)	st and :	O & M cos	t:	NNA								
			37.Ef	fluent C	harecter	estics						
Serial Number	Paran	neters	Unit		affluent erestics	Outlet I Charect		Effluent discharge standards (MPCB)				
1	p.	Н		5.5	-7.5	7.5-	8.0	7.5-8.0				
2	TS	SS	mg/l	10	00	<1	00	<100				
۷												
3	ВС	)D	mg/l		00	<1		<100				
3 4	BC CC	)D	mg/l	80	00	<2	50	<250				
3 4 5	B( C( TI	DD DS	mg/l mg/l	80	00	<22	50 100	<250 <2100				
3 4 5 6 Amount of e	BC CC	DD DS Grease	mg/l	80	00	<2	50 100	<250				
3 4 5 6 Amount of e (CMD):	CC TI Oil and effluent gene	DD DS Grease	mg/l mg/l mg/l 490.8	80	00	<22	50 100	<250 <2100				
3 4 5 6 Amount of e (CMD): Capacity of Amount of t	CC TI Oil and effluent gene	DD DS Grease eration	mg/l mg/l mg/l	80	00	<22	50 100	<250 <2100				
3 4 5 6 Amount of e (CMD): Capacity of Amount of t recycled:	BC CC TI Oil and iffluent gene the ETP:	OD OS Grease Pration	mg/l mg/l mg/l 490.8	80	00	<22	50 100	<250 <2100				
3 4 5 6 Amount of e (CMD): Capacity of Amount of t recycled: Amount of v	BC CC TI Oil and offluent gene the ETP: reated efflue	OD OS Grease eration ent O the CETP:	mg/l mg/l mg/l 490.8 500 0	80	00 00 0	<22	50 100	<250 <2100				
3 4 5 6 Amount of e (CMD): Capacity of Amount of trecycled: Amount of v Membership	Oil and offluent generated effluent generated effect generated effet generated effect generated effect generated effect generated effect generated effet generated e	OD OS Grease eration ent O the CETP:	mg/l mg/l mg/l 490.8 500 0 420 Membershi	p with Amber based on Pr	000 00 0	<22 <22 <1	50 100 10	<250 <2100				
3 4 5 6 Amount of e (CMD): Capacity of Amount of t recycled: Amount of v Membership	Oil and offluent generated effluent send to of CETP (if	ODD OS Grease Pration ent O the CETP: Trequire):	mg/l mg/l mg/l 490.8 500 0 420 Membershi ETP will be	p with Amber based on Pr	000 00 0	<22 <22 <1	50 100 10	<250 <2100 <10				
3 4 5 6 Amount of e (CMD): Capacity of Amount of t recycled: Amount of v Membership	Oil and Oil and offluent gene the ETP: reated efflue vater send to o of CETP (if	ODD OS Grease Pration ent O the CETP: Trequire):	mg/l mg/l mg/l 490.8 500 0 420 Membershi ETP will be Technology CHWTSDF	p with Ambe based on Pr	000 00 0	<22 <2 <2 <2 in section of the secti	50 100 10	<250 <2100 <10				
3 4 5 6 Amount of e (CMD): Capacity of Amount of t recycled: Amount of v Membership	Oil and Oil and offluent gene the ETP: reated efflue vater send to o of CETP (if	ODD OS Grease eration ent O the CETP: Frequire): v to be used	mg/l mg/l mg/l 490.8 500 0 420 Membershi ETP will be Technology CHWTSDF	p with Ambe based on Pr	on on on on rnath MIDC eliminary, Pr	<22 <2 <2 <2 in section of the secti	50 100 10	<250 <2100 <10				
3 4 5 6 Amount of e (CMD): Capacity of Amount of t recycled: Amount of v Membership Note on ETI Disposal of	Oil and offluent generated effluent send to of CETP (if Prechnology the ETP slucents)	OD OS Grease Fration  On the CETP: Frequire): Frequire to be used  Ending the company of the com	mg/l mg/l mg/l 490.8 500 0 420 Membershi; ETP will be Technology CHWTSDF 38.Ha	p with Ambe based on Pr Taloja	on on on one of the control of the c	<22 <22 <21 <instruction cont<="" content="" of="" td="" the=""><td>50 100 10</td><td>&lt;250 &lt;2100 &lt;10 <rp>ertiary Treatment</rp></td></instruction>	50 100 10	<250 <2100 <10 <rp>ertiary Treatment</rp>				
3 4 5 6 Amount of e (CMD): Capacity of Amount of t recycled: Amount of v Membership Note on ETI Disposal of Serial Number	Oil and Oil and offluent gene the ETP: reated efflue vater send to of CETP (if P technology the ETP slud	OD OS Grease Fration  On the CETP: Frequire): Frequire to be used  Ending the company of the com	mg/l mg/l mg/l 490.8 500 0 420 Membershi ETP will be Technology CHWTSDF 38.Ha	p with Amber based on Praloja Taloja UOM	ornath MIDC eliminary, Pr	<22 <27 <21 <21 <a href="mailto:second-rimary">&lt;22 &lt;22 &lt;22 &lt;23 &lt;23 &lt;23 <a href="mailto:second-rimary"><a href="mailto:second-rimary"></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a>						



Page 126
of 130
Signature:
Name: Dr. Umakant Gangeareo Dangat
(Chairman SEAC-I)

5		OTE/ Gunny ags	33.3	Sch -	Nos	(	)	1000	10	00	Decontamination & Re-use or sell to Scrap vendors
			3	39.St	tacks em	issio	n D	etails			
Serial Number	Section	& units	& units Fuel Us Quar			sed with ntity Stack No.		Height from ground level (m)	dian	rnal neter n)	Temp. of Exhaust Gases
1	Во	iler		Briq	uette	1	L	30		1	140
2	DG	set		Die	esel	r 2	2	4 Above the roof	0	.3	160
			40	0.De	tails of F	uel	to be				
Serial Number	Tyı	pe of Fuel			Existing			Proposed			Total
1	В	Briquette			NA			3 TPD			3 TPD
2		Diesel			NA		100	L/D (Used on Power fai	only	100	L/D (Used only during Power failure )
41.Source o	f Fuel			Auth	orised dealer	,	uuiii	ig rower lai	iure)		rower failure )
42.Mode of	Transportat	tion of fuel to	site	Road	Ways					1	9
		Total RG a			2420 m2						
		No of trees	s to be	e cut	NA						
43.Gree	n Belt	Number of be planted		s to	75 Nos			9			
Develop	ment	List of pro	posed	l	List As per	Native	Speci	ies			
		Timeline for completion plantation	ı of		After compl	letion	of the	project			
	44.Nu	mber and	l list	of t	rees spe	cies	to b	e plante	d in	the g	ground
Serial Number	Name of	the plant	Co	ommo	n Name	1 Name Quantity			Characteristics & ecol importance		eristics & ecological importance
1	Ficus	retusa		Nan	druk	ruk To be D		Decided		Shady tree, good for roadside plantation	
2	Pongami	ia pinnata		Kai	ranj To be D		Decided	Shady t		Shady tree.	
3		a asoka		Sita A	Ashok	Т	o be I	Decided			with red-yellow flowers.
4	Anthoco cada	ephallus amba		Kad	lam	Т	o be I	Decided	Sh	Shady, large tree, ball shaped flowers.	
5	Cassia	n fistula	<b>&gt;</b>	Bah	ava,	Т	o be I	Decided	Medium sized deciduous tree.Beautiful yellow flowers,		
6		oemia flos- neae		Tan	nhan	Т	o be I	Decided	Mal	harash	te flower tree of atraMedium sized tree, iful purple flowers
7	Putranjiva	roxburghii		Putra	anjiva	Т	o be I	Decided	Me	edium	sized evergreen tree,
8	Bauhinia	Bauhinia racemosa Aj				Т	o be I	Decided			ree with small white , Butterfly host plant
45	.Total qua	ntity of plar	ts on	grou	nd				•		
46.Nun	nbe <mark>r and</mark>	list of sl	ırub	s an	d bushes	s spe	cies	to be pl	<u>ante</u>	d in	the podium RG:
Serial Number		Name			C/C Dista	C/C Distance			Area m2		
1		NA			NA				NA		
					47.Eı	<u>ier</u>	Jy				

agentiness. Abhay Pimparkar (Secretary SEAC-I)

SEAC Meeting No: 138 th SEAC-1 Meeting Meeting Date: June 1, 2017

Signature: Page 127
of 130

Name: Dr. Umakant Gångstrav Dangat
(Chairman SEAC-I)

		Source of supply:	power	MSEDCL					
		During Co Phase: (De Load)	nstruction emand	250 kVA					
		DG set as I back-up di constructi	uring	D.G. set of	D.G. set of 250 kVA to be used in case of emergency or power failure				
		During Op phase (Cor load):	eration nnected	250 kVA					
	Power equirement:  During Operation phase (Demand load):								
		Transform	er:	NA					
		DG set as I back-up du operation	uring	D.G. set of	250 kV	7A			
		Fuel used:		Diesel					
		Details of tension lin through thany:	e passing	NA		000			
		48.Ene	rav savi	ng by no	n-co	nventional method:			
NA		10,1110	- 9, 5avi	y y 110					
1411		1	0 Dotail	calculati	one	& % of saving:			
Cont-1		4	3.Detail	caiculati	UIIS	& 70 or Saving:			
Serial Number	E	nergy Cons	ervation Mo	easures		Saving %			
1			NA			NA			
		50	.Details	of pollut	ion d	control Systems			
Source	Ex	isting pollu	tion contro	l system		Proposed to be installed			
Air Pollution	boilers res Set will be air Qu concentra	pectively and provided. Quarterly months to the period of	d 3.5 m abov quarterly mon litoring of SI reby schedul	nitoring Amb PM and SO2 e and implen	e roof for the DG hitoring Ambient boilers respectively and 3.5 m above roof for Set will be provided. Quarterly monitoring				
Noise Pollution	Traffic wa Traffic polic pedestria control pr from access Selectio	arden shall he vehicle rather regress root ovisions are sing the rame of varietie Noise barrie	be provided f mp and Serv utes will requested to provided to p during fire s of trees that	be maintaine for assistance vice Drive as uire that traf prevent vehi alarm condi at can act as dscaping wit	e to main fic cles tion .	Acoustic enclosure for DG set to be maintained Traffic warden shall be provided for assistance to Traffic police vehicle ramp and Service Drive as main pedestrian egress routes will require that traffic control provisions are provided to prevent vehicles from accessing the ramp during fire alarm condition . Selection of varieties of trees that can act as a natural Noise barrier Good Landscaping with retention of existing trees			
Noise Pollution	Traffic wa Traffic policy pedestria control pr from access Selection	arden shall he vehicle rather rowning are some consistent of the rame on of varietie Noise barries.	be provided f mp and Servates will required to provided to p during fire s of trees that	or assistance rice Drive as uire that traf prevent vehi alarm condicat can act as dscaping wit	Acoustic enclosure for DG set to be maintained transsistance to ce Drive as main ire that traffic revent vehicles alarm condition a can act as a scaping with the set of the set				
Budgetary	allocation	Capital co	st:	NA					
	cost and cost):	O & M cos		NA					
	-				nt	nlan Rudgetary Allocation			
31	51.Environmental Management plan Budgetary Allocation a) Construction phase (with Break-up):								
Serial Number	Attril			meter	15e (	Total Cost per annum (Rs. In Lacs)			
number						-			

Abhay Pimparkar (Secretary SEAC-I)

SEAC Meeting No: 138 th SEAC-1 Meeting Meeting Date: June 1, 2017

Signature: Page 128
of 130

Name: Dr. Umakant Gångstrav Dangat
(Chairman SEAC-I)

	E	1:4								
1	Enviro	liture on nmental gement	All Envir Asp	onmenta ects	al		I	As requi	red	
			b) Operat	ion P	hase (wi	th Breal	k-up)	):		
Serial Number	Com	ponent	Descr	iption	capital cost Rs. In Lacs			Operational and Maintenance cost (Rs. in Lacs/yr)		
1	Enviro	diture on nmental gement	All Envir	onmenta ects	al	90			18	
51.S	torage	of ch	emicals	(infl sub	lamabl stance	e/expl es)	osiv	e/haz	zardou	s/toxic
Descrip	Description Status Location		n	Storage Capacity in MT	Maximum Quantity of Storage at any point of time in MT	/ Mo	ımption nth in MT	Source of Supply	Means of transportation	
NA	<b>L</b>	NA	NA		NA	NA	_	NA	NA	NA
			52.A	ny Ot	her Info	rmation	1	-0		
No Informat	tion Availab	ole	=0.1	T CC1	3.5				<u> </u>	
		lat c		Tratti	c Manag	gement				
		to the m design of confluer		NA			2//			
		Number basemer	and area of nt:	NA		00				
		Number podia:	and area of	NA						
		Total Pa	rking area:	825 m <sup>2</sup>	2					
		Area per	car:	NA	77					
		Area per	car:	NA	<b>3</b> <i>y</i>					
Parking	details:	Number Wheeler approve compete authorit	s as d by ent	NA	<b>Y</b>					
		Number Wheeler approve compete authorit	s as d by ent	NA						
		Public T	ransport:	NA						
		Width or roads (n	f all Internal n):	6m						
	CRZ/ RRZ clearance obtain, if any:									
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries			NA						
		Categor schedul Notifica	y as per e of EIA tion sheet	NA						
		Court ca	ses pending	NA						
		Other R Informa		NA						



Signature: Page 129
of 130

Name: Dr. Umakant Gangatrae Dangat
(Chairman SEAC-I)

Have you previously submitted Application online on MOEF Website.	No
Date of online submission	-

# 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

Draft Terms of Reference (TOR) have been discussed and finalized during 138th meeting of SEAC-1. The committee prescribed the following additional TOR along with Standard TOR as available on the Ministry of Environment, Forest and Climate Change website for preparation of EIA-EMP report.

### **Specific Conditions by SEAC:**

- 1) PP to submit self-certificate for not making any product mix, no increase in pollution load, no increase in production quantity etc from the issuance of EIA Notification, 1994,2004 and 2006 and their consented quantities; PP also to mention categorically that none of the requirement of EIA Notification has been violated by them.

- 2) PP to submit their plan to achieve 33% of green belt as per National Forest Policy.
  3) PP to submit copies of On Site and Off Site Emergency Preparedness Plan duly accepted by competent authority. 4) 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
- 5) PP to include detailed water balance chart in EIA report along with quantities of waste water generation and its disposal.
- 6) PP to submit an affidavit for achieving Zero Liquid Discharge and not discharging any additional load on CETP or in any other source outside the limits of factory premises in case CETP is not capable of handling the effluent. 7) PP to include their plan for rain water harvesting in the EIA Report.

## 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.



SEAC Meeting No: 138 th SEAC-1 Meeting Meeting Date: June 1, 2017

**Page 130** of 130