151st Meeting of State Level Expert Appraisal Committee (SEAC-I)

SEAC Meeting number: 151st (Day-2) Meeting Date May 24, 2018

Subject: Environment Clearance for Environmental Clearance for proposed expansion of M/s. Halides Chemicals Pvt. Ltd. from 636 MT/Year to 3407.26MT/Year

Is a Violation Case: No

Is a Violation Case: No						
1.Name of Project	M/s. Halides Chemicals Pvt. Ltd.					
2.Type of institution	Private					
3.Name of Project Proponent	Mr. Sanket .D. Nigudkar					
4.Name of Consultant	Building Environment (India) Pvt. Ltd.					
5.Type of project	Industrial Estate-Industry 5 (f) Category					
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, As per the EIA Notification the existing project does not need Environmental Clearance					
8.Location of the project	Plot No. A-2, MIDC Kurkumbh, Taluka -Daund, Pune					
9.Taluka	Daund					
10.Village	Not Applicable					
Correspondence Name:	Mr. Sanket .D. Nigudkar					
Room Number:	Not Applicable					
Floor:	Not Applicable					
Building Name:	Neelashri					
Road/Street Name:	Off Paud Road					
Locality:	Kothrud					
City:	Pune					
11.Area of the project	Kurkumbh MIDC Area					
	No Industry has applied for revised layout					
12.IOD/IOA/Concession/Plan Approval Number	IOD/IOA/Concession/Plan Approval Number: No Industry has applied for revised layout					
**	Approved Built-up Area: 2852.55					
13.Note on the initiated work (If applicable)	It is an already existing industry and is in operation since 1995. No activity has been initiated for the proposed expansion.					
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	NA					
15.Total Plot Area (sq. m.)	4050.00 Sq. m.					
16.Deductions	Not applicable					
17.Net Plot area	4050.00 Sq. m.					
18 (a).Proposed Built-up Area (FSI &	a) FSI area (sq. m.): 1402.23					
Non-FSI)	b) Non FSI area (sq. m.): Not Applicable					
5	c) Total BUA area (sq. m.): 1402.23					
18 (b).Approved Built up area as per	Approved FSI area (sq. m.):					
DCR	Approved Non FSI area (sq. m.):					
	Date of Approval:					
19.Total ground coverage (m2)	1402.23					
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	34%					
21.Estimated cost of the project	90500000					
22.Num	ber of buildings & its configuration					

appropriess? Abhay Pimparkar (Secretary

SEAC-I)

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Serial number	Buildin	g Name & number	Number of floors	Height of the building (Mtrs)			
1	N	Not Applicable	Not applicable	Not applicable			
2	N	Not Applicable	Not applicable	Not applicable			
23.Number tenants an		Not applicable as it is an	n industry				
24.Number expected rusers		This is an industry and T	Total expected population shall be 50				
25.Tenant density per hectare Not applicable as it is an industry							
	26.Height of the building(s)						
27.Right of (Width of the from the notation to the proposed has been station to the from the first the fir	the road earest fire the	9		600			
28. Turning for easy ac fire tender movement around the excluding for the pla	from all building the width						
29.Existing structure (This is an expansion project in terms of production. All the buildings are already constructed a are in operation . Construction of sheds, storage tanks will be done					
	Details of the molition with sposal (If Not applicable as no demolition activity will be carried out						

31.Production Details

Serial Number	Product	Existing (MT/M)	Proposed (MT/M)	Total (MT/M)					
1	N- Bromosuccinimide	360.00	60.00	420.00					
2	N-Chlorosuccinimide	240.00	-120	120					
3	N-Iodosuccinimide	36.00	00	36.00					
4	Bromo OTBN (2- cyano-4-Bromomethyl biphenyl)	0.00	600.0	600.0					
5	2-Bromopropionic Acid	0.00	180.0	180.0					
6	Propionyl bromide	0.00	180.0	180.0					
7	N- Hexyl bromide	0.00	240.0	240.0					
8	tert- Butyl bromoacetate	0.00	240.0	240.0					
9	Sodium Bromide Solution	0.00	977.808	977.808					
10	Hydrogen Bromide Solution in water	0.00	703.560	703.560					
11	Spent Iodine	0.00	21.528	21.528					
12	phosphorous Acid	0.00	84.3684	84.3684					

32.Total Water Requirement



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	Source of water	MIDC
	Fresh water (CMD):	42.83
	Recycled water - Flushing (CMD):	0.00
	Recycled water - Gardening (CMD):	4.9
	Swimming pool make up (Cum):	NA
Dry season:	Total Water Requirement (CMD)	61.54
	Fire fighting - Underground water tank(CMD):	200
	Fire fighting - Overhead water tank(CMD):	NA
	Excess treated water	NA
	Source of water	MIDC
	Fresh water (CMD):	42.83
	Recycled water - Flushing (CMD):	0.00
	Recycled water - Gardening (CMD):	0.00
	Swimming pool make up (Cum):	NA
Wet season:	Total Water Requirement (CMD) :	61.54
	Fire fighting - Underground water tank(CMD):	200
	Fire fighting - Overhead water tank(CMD):	NA
	Excess treated water	NA
Details of Swimming pool (If any)	Swimming pool not appl	licable

33.Details of Total water consumed

Particula rs	Cons	umption (CM	D)	Loss (CMD)			Effluent (CMD)			
Water Require ment	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total	
Domestic	10.50	0	10.5	2.1	Nil	2.1	8.4	0	8.4	
Cooling tower & thermopa ck	0.2	30.39	30.5	0.00	29.89	29.89	0.0	0.603	0.603	
Industrial Process	7.0	8.55	15.55	1.5	0.55	2.05	5.5	8.0	13.5	
Gardening	0.0	4.9	4.9	0.0	0.0	0.0	0.0	0.0	0.0	



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	Level of the Ground water table:	50-100m				
	Size and no of RWH tank(s) and Quantity:	1 tank of 2.5 m*2.5m*3.20 m				
	Location of the RWH tank(s):	Behind parking 2; Near Security cabin				
34.Rain Water	Quantity of recharge pits:	Not Applicable				
Harvesting (RWH)	Size of recharge pits :	Not Applicable				
	Budgetary allocation (Capital cost) :	100000				
	Budgetary allocation (O & M cost) :	12002				
	Details of UGT tanks if any:	Two UG tanks are installed: UG water tank of 30,000 Litres capacity is installed for domestic use UG water tanks of 20,000 Litres capacity is installed for fire fighting purpose				
0.	Natural water drainage pattern:	Yes				
35.Storm water drainage	Quantity of storm water:	543.13				
	Size of SWD:	width -340 mm; depth-260 mm				
	Sewage generation in KLD:	8.4 KLD				
	STP technology:	Currently having Septic tank. Industry has proposed STP with MBBR Technology for proposed expansion				
Sewage and	Capacity of STP (CMD):	1 (Proposed)- 15 CMD				
Waste water	Location & area of the STP:	Behind L.D.O storage/furnace oil tank				
	Budgetary allocation (Capital cost):	85.0 Lakh (Existing +Proposed)				
	Budgetary allocation (O & M cost):	6 Lakh (Existing +Proposed)				
C	36.Solid	d waste Management				
Waste generation in	Waste generation:	Construction debris				
the Pre Construction and Construction phase:	Disposal of the construction waste debris:	Industry is already in operation. PP has proposed construction of sheds, storage tanks. Waste likely to generate is concrete which will be very less. The waste will be utilised within site for internal roads, higher plinth and filling low laying areas.				
	Dry waste:	Paper bags: 21000 Nos./Y, Fibre Drum with Lids- 19632 Nos./Y, HDPE Drums -5220 Nos./Y				
Waste generation in the operation	Wet waste:	No wet waste is generated				
	Hazardous waste:	Used/ Spent Oil - 800 lit/Y; Spent Catalyst / spent Carbon- 4500 kg/Y; Chemical Sludge from Waste Treatment Plant- 410 Ton/Y, Salt Solution - 78 Ton/Y				
Phase:	Biomedical waste (If applicable):	No Bio-medical waste is generated				
	STP Sludge (Dry sludge):	0.15 Ton/Y				
	Others if any:	Not Applicable				

	Dry waste:	Paper bags and fibre drums will be sold to Authorized recycler; HDPE drums will be used to refill byproduct; STP sludge will be used as manure		
	Wet waste:	Not Applicable		
Mode of Disposal of waste:	Hazardous waste:	Used spent oil will be disposed off to Authorized Re-processor; Spent Catalyst, Chemical sludge from waste water and salt solution will be disposed to CHWTSDF		
	Biomedical waste (If applicable):	Not Applicable		
	STP Sludge (Dry sludge):	Will be used as manure		
	Others if any:	Not Applicable		
	Location(s):	Near STP plant; Behind Boiler room		
Area requirement:	Area for the storage of waste & other material:	Separate Hazardous Waste storage area, Segregated metallic scrap yard, Segregated paper and plastic scrap yard is made for storage of waste		
	Area for machinery:	Not Applicable		
Budgetary allocation	Capital cost:	Nil		
(Capital cost and O&M cost):	O & M cost:	Nil		
	0= 50			

37.Effluent Charecterestics

Serial Number	Parameters	Unit Inlet Effluent Charecterestics		Outlet Effluent Charecterestics	Effluent discharge standards (MPCB)	
1	рН	NA 7.22		6.49	5.5-9.0	
2	TSS	mg/Lit	<10.0	<10.0	<=100.0	
3	BOD	mg/Lit	4400	<10.0	<=100.011	
4	COD	mg/Lit	32765.96	34.48	<=250.0	
5	Sulphates	mg/Lit	26891.66	<1.0	<1000	
6	Chlorides	mg/Lit	8590.91	6.0	<=600	
Amount of e	effluent generation	14.103 CMD				
Capacity of	the ETP:	16.0 CMD				
Amount of trecycled:	created effluent	13.81 CMD				
Amount of v	water send to the CETP:	Waste water generated in industry is recycled and used for various other processes, gardening etc.				
Membershi	p of CETP (if require):	Yes; Industry has obtained CETP membership				
Note on ET	P technology to be used	Industry has provided RO + MEE of capacity 16.0 CMD				
Disposal of	the ETP sludge	ETP sludge generated will be disposed to CHWTSDF				

38. Hazardous Waste Details

Serial Number	Description	Cat	UOM	Existing	Proposed	Total	Method of Disposal
1	Used/Spent Oil	5.1 Lit/Y		100	700	800	Autho. Re-processor
2	Spent catalyst/Spent carbon	28.2	Kg/Y	100	4400	4500	CHWTSDF
3	Chemical Sludge from wastwater treatment	34.3	Ton./Y	360	50	410	CHWTSDF
4	Salt Solution	34.3	Ton/y	Nil	78	78	CHWTSDF

39.Stacks emission Details





Serial Number	Section	n Az iinife		Jsed with antity	Stack No.	Height from ground level (m)	Internal diameter (m)	Temp. of Exhaust Gases	
1	Boiler '	750kg/Hr	F		e Oil; 1000 t/Day	1	10	0.254	137
2		ermopack 600 g/Hr	L	DO; 14	150 Lit/Day	2	14	0.254	110
3	Bromination	n/Chlorinatio	ı	Not a	pplicable	3	6	0.1016	54
4	Imide F	ormation		Not A	pplicable	4	4.5	NA	NA
5	Drying	Section Section		Not A	pplicable	5	4.5	NA	NA
6	D. G Se	t 160 KVA		D	iesel	6	2.5	0.1016	112
7	D.G Set	62.5 KVA		D	iesel	7	2.5	0.1016	112
			40).De	tails of F	uel to be	used		0
Serial Number	Туг	e of Fuel			Existing		Proposed	2	Total
1		Diesel			37 Lit/Hr		Nil		37 Lit/Hr
2		L.D.O			1000 Lit/Day		Nil		1000 Lit/Day
3	Fu	rnace Oil			1450 Lit/Day		Nil		1450 Lit/Day
41.Source	Source of Fuel Industry /Mar				stry /Market			9	
42.Mode of	Transportat	ion of fuel to	site	Fuel	is brought to	site by tank	ers		
					-				
		Total RG a	rea :		457.40 Sq. n	n	,		
		No of trees	to be	Not Applicable					
43.Gree	n Belt	Number of be planted		to	Existing - 37	; Proposed	- 7		
Develop	ment		ist of proposed ative trees :		List of proposed trees is given below				
		Timeline for completion plantation	ı of	Industry is already having 37 trees planted in project area and proposed plantation of 7 trees after obtaining EC					
	44.Nu	mber and	l list	of t	rees spec	cies to b	e planted	l in the g	jround
Serial Number	Name of	the plant	Co	ommo	n Name	Quai	ntity		eristics & ecological importance
1	Ne	eem	Aza	idiract	tha Indica	5	j		emerged to be an ideal nsecticide and pesticide
2	Sis	sam Dalber		alberg	ia sissoo	1		Sissam enriches soil due to presence of nitrogen fixing bacteria in roots	
3	Lei	.eman C		C. Limon		1		Lemon are rich source of Vitamin C and due to antibacterial and immune stimulant re used in medicinal use	
45	5.Total qua	ntity of plan	ts on	grou	nd				
46.Nun	nber and	list of sh	rub	s an	d bushes	species	to be pla	nted in	the podium RG:
Serial		Name C/C Dis			C/C Distar	nce		Area	m2

age of the sign Abhay Pimparkar (Secretary SEAC-I)

Number

NA

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NA

NA

Signature: Name: Dr. Umakant Gangatrao Dangat Page 6 of Dr. Umakant Dangat (Chairman SEAC-I)

	47.Energy						
	Source of power supply:	MSEDCL					
	During Construction Phase: (Demand Load)	Not applicable as industry is already under operation					
	DG set as Power back-up during construction phase	Industry is already having D.G.Set of 62.5 KVA					
Power	During Operation phase (Connected load):	140 KW					
requirement:	During Operation phase (Demand load):	150 KW (Existing -120 KW +Proposed 30 KW)					
	Transformer:	200 KVA					
	DG set as Power back-up during operation phase:	160 KVA (Existing DG Set of 62.5 KVA shall be replaced by 160 KVA)					
	Fuel used:	37 Lit/Hr					
	Details of high tension line passing through the plot if any:	No					

48. Energy saving by non-conventional method:

Halides Chemicals have taken the effort to use natural resources available such as solar heat and light. They have installed solar water heating system which gives heated water for boiler input so that the fuel load of the boiler reduces thereby reducing the pollution. The industry is also using solar street light to lighten up the internal road.

Reduction in energy consumption:8-10% REduction in fuel consumption:10-11%

10 Datail	calcu	lations	C- 0/	of corrier or
49.Detan	carcu	lations	X %	of saving:

Serial Number	Energy Conservation Measures	Saving %				
1	Reduction in energy consumption	8-10%				
2	Reduce in fuel consumption	10-11%				
50.Details of pollution control Systems						

Source **Existing pollution control system** Proposed to be installed DG Set 160 Acoustic enclosure with adequate height Not applicable **KVA** Boiler 1 [750 Adequate height Not applicable kg/hr] Boiler +Thermopack Adequate height Not applicable 600 kg Chlorine Gas Leak System Not applicable Section Bromine Gas Leak System Not applicable Section **Budgetary allocation Capital cost:** 1320000



O & M cost:

(Capital cost and

O&M cost):

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50000

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51. Environmental Management plan Budgetary Allocation

a) Construction phase (with Break-up):

Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)
1	Not Applicable as industry is already under operation	NA	NA

b) Operation Phase (with Break-up):

2) operation I made (with Broad up).										
Serial Number	Component	mponent Description Capital cost Rs. In Lacs		Operational and Maintenance cost (Rs. in Lacs/yr)						
1	Air Pollution Control System	Existing +Proposed cost	15	1						
2	Water Pollution Control Systems	Existing +Proposed Cost	85.0	6						
3	Noise Pollution Control	Existing +Proposed	9.0	0.50						
4	Green Belt Development / Maintenances	Exiting +Proposed	2.0	0.25						
5	Environmental Monitoring/Environmental Management	Exiting +Proposed	0.00	2.0						
6	Occupational health and safety	Exiting +Proposed	4.0	1.5						
7	Solid Waste Management	Exiting +Proposed	1.0	0.5						
8	Rain Water Harvesting	Exiting +Proposed	1.0	0.12						
9	Energy Saving Measures	Exiting +Proposed	13.20	0.50						

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
Acetic Acid	Liquid	Proposed Storage	2.0	2.0	4.0	Industry/Market	By Road
Chlorine	Gas	900kg Tonner	0.9	0.9	1.8	Industry/Market	By Road
Chlorine	Gas	900kg Tonner	0.9	0.9	1.8	Industry/Market	By Road
Chlorine	Gas	900kg Tonner	0.9	0.9	1.8	Industry/Market	By Road
OTBN	Liquid	RM Store	9.0	9.0	40.0	Industry/Market	By Road
AIBN	Solid	RM Store	0.1	0.1	1.35	Industry/Market	By Road
Propionic Acid	Liquid	RM Store	5.0	5.0	15.74	Industry/Market	By Road
Red Phosphorous	Solis	RM Store	1.0	1.0	2	Industry/Market	By Road
Phospohrous Tribromide	Liquid	RM Store	1.0	1.0	9.0	Industry/Market	By Road
n-Hexanol	Liquid	RM Store	1.0	1.0	13.02	Industry/Market	By Road
Acetyl Bromide	Liquid	RM Store	1.0	1.0	13.62	Industry/Market	By Road
Tert Butanol	Liquid	RM Store	5.0	5.0	10	Industry/Market	By Road
N-BromoSuccinimide	Solid	FG Store	15.0	15.0	30	Industry/Market	By Road
N-Chlorosuccinimide	Solid	FG Store	5.0	5.0	10	Industry/Market	By Road
N-IodoSuccinimide	Solid	FG Store	0.1	0.1	0.2	Industry/Market	By Road



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Bromo OTBN	Solid	FG Store	5.0	5.0	10	Industry/Market	By Road
2 Bromo Propionic Acid	Liquid	FG Store	5.0	5.0	10	Industry/Market	By Road
Propionyl Bromide	Liquid	FG Store	1.0	1.0	2.0	Industry/Market	By Road
N-Hexyl Bromide	Liquid	FG Store	1.0	1.0	2.0	Industry/Market	By Road
Tert Butyl Bromo Acetate	Liquid	FG Store	1.0	1.0	2.0	Industry/Market	By Road
Spent Iodide	Crystalline	FG Store	0.3	0.3	0.6	Industry/Market	By Road
НЗРОЗ	Solid	RM Store	2.0	2.0	4.0	Industry/Market	By Road
Diesel	Liquid	DG Set Tank	0.4	0.4	08	Industry/Market	By Road
Furnace Oil	Liquid	FO Tank	10.0	10.0	20.0	Industry/Market	By Road
LDO	Liquid	LDO Storage	5.0	5.0	10.0	Industry/Market	By Road
Sodium Bromide Soultion	Liquid	Conc. Effluent Tank	10.0	10.0	20.0	Industry/Market	By Road
Methylene Dichloride	Liquid	Near HBr Storage Tnank	10.0	10.0	59.2	Industry/Market	By Road
Caustic Soda Iye	Solid	Storage Tank	17.0	17.0	34.0	Industry/Market	By Road
Ethylene Dichloride	Liquid	Storage Tank	12.5	12.5	25.0	Industry/Market	By Road
Sulphuric Acid	Liquid	Storage Tank	10.0	10.0	20.0	Industry/Market	By Road
Succinic Acid	Solid	Proposed Shed	20	20	43.05	Industry/Market	By Road
Iodine	Crystalline Solid	Proposed Shed	0.5	0.5	3.6	Industry/Market	By Road
Liquid Bromine	Liquid	Proposed Storage Shed	10.80	10.80	96.172	Industry/Market	By Road
Sodium Bromate	Solid	Proposed Storage Shed	4.0	4.0	14.0	Industry/Market	By Road
Succinimide	Solid	Proposed Storage	5.0	5.0	10.0	Industry/Market	By Road

52.Any Other Information

No Information Available

53.Traffic Management

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

Silch



SEAC Meeting No: 151st (Day-2) Meeting Date: May 24, 2018 Signature:
Name: Dr. Umakant Gangatrao Dangat
Dr. Umakant Dangat
(Chairman SEAC-I)

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	Number and area of basement:	NA			
	Number and area of podia:	NA NA			
	Total Parking area:	495.69 Sq. m			
	Area per car:	12.5 Sq. m.			
	Area per car:	12.5 Sq. m.			
Parking details:	Number of 2- Wheelers as approved by competent authority:	20			
	Number of 4- Wheelers as approved by competent authority:	2			
	Public Transport:	Not Applicable			
	Width of all Internal roads (m):	Approx. 6 metre			
	CRZ/ RRZ clearance obtain, if any:	Not Applicable			
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	No protected areas near project site			
	Category as per schedule of EIA Notification sheet	Category B: 5 (f)			
	Court cases pending if any	Not Applicable			
	Other Relevant Informations	Not Applicable			
	Have you previously submitted Application online on MOEF Website.	Yes			
^	Date of online submission	24-08-2017			
	DISCUSSION	ON ENVIRONMENTAL ASPECTS			
Environmental Impacts of the project	Not Applicable				
Water Budget	Not Applicable				
Waste Water Treatment	Not Applicable				
Drainage pattern of the project	Not Applicable				
Ground water parameters	Not Applicable				
Solid Waste Management	Not Applicable				

agregatives Abhay Pimparkar (Secretary SEAC-I)

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

Brief information of the project by SEAC

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

DECISION OF SEAC

During deliberations it was observed that PP uploaded EIA report on 23.05.2018 which was not circulated to all expert members.

As EIA report was not studied by the committee members, SEAC decided to defer the proposal till next meeting.

Specific Conditions by SEAC:

FINAL RECOMMENDATION

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



151st Meeting of State Level Expert Appraisal Committee (SEAC-I)

SEAC Meeting number: 151st (Day-2) Meeting Date May 24, 2018

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

Is a Violation Case: Yes

is a violation case: 1es					
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				
Correspondence Name:	Pacific Organics Pvt Ltd				
Room Number:	NA				
Floor:	NA				
Building Name:	Plot No. N-4				
Road/Street Name:	Additional Ambarnath				
Locality:	Anandnagar MIDC				
City:	Ambarnath (E)				
11.Area of the project	Ambernath municipal council, Ambernath-421506.				
	NA				
12.IOD/IOA/Concession/Plan Approval Number	IOD/IOA/Concession/Plan Approval Number: NA				
Approvar rumbor	Approved Built-up Area: 2670				
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.)	7025 sq.m				
16.Deductions	NA NA				
17.Net Plot area	7025 sq.m				
And Annual College	a) FSI area (sq. m.): NA				
18 (a).Proposed Built-up Area (FSI & Non-FSI)	b) Non FSI area (sq. m.): NA				
	c) Total BUA area (sq. m.):				
10.00	Approved FSI area (sq. m.): NA				
18 (b).Approved Built up area as per DCR	Approved Non FSI area (sq. m.): NA				
	Date of Approval: 18-04-2018				
19.Total ground coverage (m2)	NA				
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	NA				
21.Estimated cost of the project	90700000				
22.Num	ber of buildings & its configuration				

Abhay Pimparkar (Secretary SEAC-I)

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Serial number	Buildin	g Name & number	Number of floors	Height of the building (Mtrs)				
1	N	lot applicable	Not applicable	Not applicable				
23.Number tenants an	-	Not applicable						
24.Number of expected residents / users		NA						
25.Tenant per hectar		NA						
26.Height building(s)								
27.Right of way (Width of the road from the nearest fire station to the proposed building(s)		NA S						
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		Manufacturing Shed and office building						
30.Details of the demolition with disposal (If applicable)		NA						

31.Production Details

Serial Number	Product	luct Existing (MT/M) Proposed (MT/M)		Total (MT/M)					
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					



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12		rl benzyl	3	0	0	30			
		m chloride							
13		cetamide)	50	50			
14		Nitrate)	2	2			
15		Acetate)	2	2			
16)	3	3			
17		Cobalt Chloride ()	2	2			
18	Cobalt	Sulfate	()	1	1			
19	Bismuth	n Nitrate	()	2	2			
20	Bismut	h Oxide	()	2	2			
21	Bismuth	hydroxide	()	2	2			
22	Bismuth	carbonate	()	3	3			
23	Bismuth o	xychloride	()	2	2			
24	Nickel	Nitrate	()	1	4			
25	Nickel C	arbonate	()	2	2			
26	Nickel	Acetate	()	1	1			
27	Nickel	l Sulfate ()	1	1			
28	Cadmiur	n Nitrate ()	1	1			
29	Cadmiun	n Acetate ()	1	1			
30	Cadmium	Carbonate ()	2	2			
31	Cadmium	Chloride	()	1	1			
32	Cadmiur	n Sulfate	()	1	1			
33	Ammonium	n molybdate	()	1	1			
34	Molybo	dic acid	(1	1			
35	Sodium N	Molybdate	(1	1			
	•	3	2.Tota	l Wate	r Requireme	ent			
		Source of v		MIDC					
		Fresh wate		51					
		Recycled w							
		Flushing (CMD):	NA					
		Recycled w Gardening		5					
	^	Swimming make up (0		NA					
Dry season	Dry season:		Total Water Requirement (CMD)		51				
			ng - nd water :	1 lac/liters					
		Fire fightin Overhead v tank(CMD)	vater	Nil					
		Excess trea	nted water	NA					
		•							



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		Source of wa	tor	MIDC						
		Fresh water		51						
		Recycled wat								
		Flushing (CMD):		NA						
		Recycled wat Gardening (C		5						
		Swimming po make up (Cu	ool m):	NA						
Wet season:		Total Water Requirement	(CMD)	51						
		Fire fighting Underground tank(CMD):		1 lac/liters						
		Fire fighting Overhead wa tank(CMD):		Nil				8		
		Excess treate	ed water	NA						
Details of S pool (If any		Not applicable	;							
		33.	Detail	s of Total	l water coı	isume	d			
Particula rs	Cons	sumption (CM	D)	I	Loss (CMD)		Effluent (CMD)			
Water Require ment	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total	
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	
Gardening	1	4	5	0	5	5	0	0	0	
		Level of the 0 water table:	Ground	NA						
		Size and no c tank(s) and Quantity:	of RWH	NA						
	6	Location of the tank(s):	he RWH	NA						
34.Rain V Harvestir		Quantity of r pits:	echarge	NA						
(RWH)	3	Size of recha	rge pits	NA						
		Budgetary al (Capital cost		NA						
		Budgetary al (O & M cost)		NA						
		Details of UG if any:	T tanks	UGT tank having Capacity - 1 Lac/ Lit is available which will be use for Fire fighting.						



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	Natural water	Provided by MIDC					
35.Storm water drainage	drainage pattern: Quantity of storm	<u> </u>					
	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	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.Solie	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 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					
7	Hazardous waste:	CHWTSDF, MWML, Taloja					
Mode of Disposal of waste:	Biomedical waste (If applicable):	NA					
	STP Sludge (Dry sludge):	NA					
	Others if any:	NA					
	Location(s):	Manufacturing Area, Admin Area, ETP, STP area etc.					
Area requirement:	Area for the storage of waste & other material:	800 sq.m					
104411011101101	Area for machinery:	405 sq.m					
Budgetary allocation	Capital cost:	Included in to total cost					
(Capital cost and O&M cost):	O & M cost:	NA					





		3	7.Ef	fluent Cl	hare	cter	estics				
Serial Number	Parameters	Ur	nit	Inlet E Charect			Outlet 1 Charect			Effluent discharge standards (MPCB)	
1	рН		-	4	- 9		6.0	- 8.5		5.5 -9.0	
2	BOD3 270C	mç	g/L	400	-650		85	- 95		<100	
3	COD	mç	g/L	3000	-3500		170	- 200		<250	
4	TSS	mg	J/L	350	-450		75	- 90		<100	
5	TDS	mg	J/L	10000	-12000)	1500	-2000		< 2100	
6	Oil & Grease	mg	J/L	10-	-20		1	0		<10	
Amount of e	effluent generation	15									
Capacity of	the ETP:	20 CI	MD								
Amount of treated effluent recycled:										87	
Amount of v	water send to the CETP:	15 CN	MD							5	
Membershi	p of CETP (if require):	Yes									
Note on ET	P technology to be used	Prima	ary, S	econdary , T	ertiary	and t	reated efflue	nt sen	t to Cl	ETP	
Disposal of	the ETP sludge	CHW	HWTSDF,								
38.Haza					Was	ste D	etails				
Serial Number	Description	Ca	at	UOM	Exis	ting	Proposed	То	tal	Method of Disposal	
1	Chemical Sludge from waste water treatment	34	3	T/A 3.6		0	3	.6	CHWTSDF		
2	Activated Carbon	28.2 T/A		3	.9	0	3	.9	CHWTSDF		
		3	9.St	acks em	issic	n D	etails				
Serial Number	Section & units	Fu		ed with ntity	Stac	k No.	Height from ground level (m)	dian	rnal neter n)	Temp. of Exhaust Gases	
1	Existing Boiler 2 No 0.50 TPH each	TPD	or W	es - 2.34 ood - 1.59 ll- 1.66 TPD		mon ack	30	0	.3	-	
2	Existing Thermopack 1 no 2.0 lac Kcal/hr	Briquette - 1500 kg/Day, or Wood- 1000 kg/Day				amon ack 30		0.3		-	
3	Existing D G 1 no X 200 KVA	HSD or LDO - 500 lit/M		stack above roof top of the building		4.5	0.1		-		
40.Details of Fuel to be used											
Serial Number Type of Fuel				Existing			Proposed		Total		
1	Briquettes or Wood or	coal	coal 2.34 TPD , 1.59 TPD , 1.66 TPD respt.			0			2.34	2.34 TPD , 1.59 TPD , 1.66 TPD respt.	
2	Briquette or Wood	1500 Kg/Day 10				0			1500	1500 Kg/Day, 1000 Kg/Day Respt.	
3	HSD or LDO			500 Lit/M			0			500 Lit/M	
41.Source	of Fuel		Local	Market							
42.Mode of	Transportation of fuel to	site	Tanke	er / Truck							

appropries Abhay Pimparkar (Secretary SEAC-I)

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	Total RG area:	1100 Sq.m
43.Green Belt	No of trees to be cut :	NA
	Number of trees to be planted :	60 Nos.
Development	List of proposed native trees :	Pimpal, False Ashok , Neem, Palm
	Timeline for completion of plantation :	2 Years

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

Serial Number	Name of the plant I Common Name I		Quantity	Characteristics & ecological importance
1	1 Ficus religiosa Pimpal		5	Dust Resistant and Local Variety
2 Polyalthia longifolia False Ashok		35	sound Barrier and Local Variety	
3	Azardirachta indica	Neem	10	Dust Resistant and Medicinal Value
4 Azardirachta indica Neem		10	Dust Resistant and Medicinal Value	
5 Anthosephalus Kadamb		3	Dust barrier and Local variety	
45	5.Total quantity of plan	its on ground		

46. Number and list of shrubs and bushes species to be planted in the podium RG:

Serial Number	Name	C/C Distance	Area m2
1	Thevetia pearuviana (Kanher)	1.5 m	15
2	Bougainvillea galvara	2 m	20

47.Energy Sili



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		Source of p supply:	ower	MSDCL					
		During Cor Phase: (De Load)		NA					
			Power Iring on phase	NA					
Pow	vor	During Open phase (Conload):		80 KW					
require		During Open phase (Der load):		373 KW					
		Transform	er:	NA			0,7		
		DG set as I back-up du operation p	ıring	200 KVA			000		
		Fuel used:		HSD or LDC)				
	Details of high tension line passing through the plot if any:			NA					
			MOTE COTT	ng by non-conventional method:					
3.71		40.Elle	rgy Savi	ng by noi	1-001	iventional II	ienioa:		
Nil					- (
		49	9.Detail	calculati	ons (% of savin	g:		
Serial Number	E	nergy Cons	ervation Mo	easures Saving %					
1			NA	477			NA		
		50 .	Details	of polluti	on c	ontrol Syste	ms		
Source	F	xisting poll	ution contr	ol system		Pro	pposed to be installed		
Boiler		Con	nbine Stack				cyclone		
Thermopack		Con	nbine Stack				cyclone		
DG			Stack				Stack		
Budgetary		Capital cos	st:	9.07 Crs.					
(Capital o		O & M cost	t:	-					
51.Environmental Management plan Budgetary Allocation									
a) Construction phase (with Break-up):									
Serial Number				meter Total Cost per annum (Rs. In Lacs)					
1		-			-				
b) Operation Phase (with Break-up):									
Serial Number	Comp	onent		iption		tal cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)		
1	Сус	lone	For dust	collection		6.0	0.5		
2	Sta	ack	for dis	pertion		6.5	1.2		



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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	Consumption / Month in MT	Source of Supply	Means of transportation
	7	D 1	4.0	MT	0.0	T .	m 1
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
Nickel metal	Solid	Store Room	2	2	1	Local	Truck
Cadmium metal	Solid	Store Room	2	2	1	Local	Truck
Molybdenum tri oxide	Solid	Store Room	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 Room	5	5	2	Local	Truck
Sodium bi carbonate	Solid	Store Room	5	5	2	Local	Truck
Sodium hydroxide	Solid	Store Room	5	5	1	Local	Truck

52.Any Other Information

No Information Available



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	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:	850 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					
	Public Transport:	NA					
	Width of all Internal roads (m):	6					
	CRZ/ RRZ clearance obtain, if any:	NA					
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	Ordinance factory - 6 KM					
	Category as per schedule of EIA Notification sheet	5f B					
	Court cases pending if any	NA					
Si	Other Relevant Informations	The said proposal was submitted on MOEF portal on 12 September 2017 under the cell of violation with reference to the notification No. S.O.804(E) dated 14.03.2017 under the A category . However with reference to Notification no. S.O. 1030 (E) dated 8th March 2017 , Office Memorandum F. No. Z-No. Z-110/3/22/2017-IA (II) M dated 15th March and 16th March 2018, Herewith we are resubmitting the application as B category under violation.					
	Have you previously submitted Application online on MOEF Website.	Yes					
	Date of online submission	12-09-2017					
SEAC	DISCUSSION	ON ENVIRONMENTAL ASPECTS					
Environmental Impacts of the project	Not Applicable						
		ls &					

appearing Abhay Pimparkar (Secretary SEAC-I)

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

The history of the proposal is as below,

- * Pcific Organics Pvt. Ltd. is the manufacturer of chemical intermediates and speciality chemicals at Plot No. N-4 in additional MIDC, Ambernath.
- * The industry was established in the year 1995, however unit at Ambernath was established in the year 2004. PP obtained Consent to Operate on 9th September, 2008.
- * The industry is in the manufacturing of Brominated compounds, Lithium Compounds, Phase transfer catalyst, intermediates etc.
- * Industry obtained Consent to Operate to manufacture organic compounds in the year 2009 and started manufacturing with out obtaining prior Environment Clearance.
- * PP applied for Environmental Clearance for proposed expansion to the SEIAA; in this connection the proposal was considered by SEAC in its 138th meeting held on 1st June, 2017 wherein SEAC noted that, existing factory was established in 2004 but received consent to operate in 2008 and started manufacturing unit without obtaining prior Environment Clearance. SEAC-1 referred the proposal to SEIAA for the decision regarding the issue of violation under EIA Notification, 2006. Immediately after the meeting Pacific Organics has stopped the production of all the organic chemicals which attracts EC.
- * PP informed that, the proposal was discussed in 112nd meeting of SEIAA on 27th July, 2017. However, as per discussion in SEIAA meeting it was decided that, the issue of applicability of violation to the unit will be considered by the Government.

Now PP submitted their application for grnat of ToR under category 5(f)B1 for violation project and expansion as per amended Notification issued by MoEF&CC dated 08.03.2018,

PP applied for the grant of ToR to the MoEF&CC on 12.09.2017 and SEIAA vide Unique ID No1256.. on 13th April, 2018 on SEIAA portal for grant of ToR as a case of violation and expansion.

DECISION OF SEAC

Abhay Pimparkar (Secretary

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Based on the activities initiated by the PP without obtaining prior Environment Clearance, the PP submitted a proposal for grant of Terms of References for preparation of EIA ad EMP report and to implement EMP, comprising of remediation plan and natural and community resource augmentation plan corresponding to the ecological damage assessed and economic benefits derived due to violation as a condition of Environment Clearance.

After detailed deliberations with the PP and their accredited consultant M/s Goldfinch Engineering Systems Pvt. Ltd., Mumbai, committee decided to approve the TOR for the preparation of EIA/EMP report as per model TOR issued by MoEF & CC published in April, 2015, Notification dated 14.03.2017 and 08.03.2018 and OM dated 15.03.2017 along with additional TOR points mentioned below.

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

Specific Conditions by SEAC:

- 1) PP to submit certificate of incorporation of the company, list of directors and memorandum of articles.
- 3) PP to submit details of project description, its importance and benefits. The benefits shall clearly indicate environmental, social, economic, employment potential etc.
- 4) PP to submit Year wise production details since the start of the operations along with copies of RG1 register.
- 5) PP to submit project site details (location, topo sheet of the study area of 10 km., coordinates, Google map, layout map, land use, geological features and geo hydrological status of the study area, drainage pattern etc.)
- 6) PP to submit lay out plan showing entry/exit gates, internal road width of six meters, turning radius of nine meters, location of pollution control equipment, parking areas, waste storage areas, 33% green belt, rain water harvesting etc.
- 7) PP to carry out life cycle analysis of the activities carried out on site with respect to the sustainability index, green house and ozone depletion potential etc
- **8)** Existing environmental quality within 10 km radius of the project site to be assessed based on primary data generated at site and secondary data collected from various sources. One time baseline data to be generated for following environmental attributes based on site conditions.
- 9) 9.1 Meteorology and Air Quality: Meteorological data like temperature, humidity, rainfall, wind direction, wind speed to be obtained as to assess the climatic trend through secondary source such as IMD, Pune.
- 10) 9.2. Air Environment: (i) The monitoring stations shall be selected based on likely impact areas due to proposed activity/sensitive areas, near by habitations around the project site if any, topography, down wind and up wind directions. (ii) Eight stations to be selected for monitoring of PM2.5, PM10, SOx, NOx for one time baseline study as per CPCB guidelines for Ambient Air Quality Monitoring. (iii) Dispersion pattern to be generated to assess the existing ambient air quality of the study area around 10 km radius through ArcGLS platform.
- 11) 9.3. Water Environment: (i)Grab surface ground water samples to be collected around 10 km radius parameters recommended by CPCB/IS 10500 to be analyzed to assess the physiochemical and bacteriological quality of the water. (ii) Samples to be collected one time during study period to identify the impact due to proposed project operations. (iii) Details of proposed water conservation measures to be given in the report
- 12) 9.4. Soil Environment: (i) Soil samples to be collected and analyzed for physical and chemical properties of the soil to determine the impact on the soil due to proposed activities and to determine the impact of loss of fertility from agricultural productivity point of view. (ii) Samples to be collected one time during the study period.
- 13) 9.5. Land Environment: Land use and land cover analysis delineating the agricultural land, forest land, waste land, built up land, water bodies using satellite imageries through ERDAS ad ArcGIS platform.
- 14) 9.6. Socio Economic Environment: (i) Secondary data to be used from source such as Census records/ data available with local offices etc. (ii) PP to collect secondary data through field survey and corelate with the available primary data.(iii) Spatial distribution of population, occupational characteristics, literacy rate, sanitation status, availability of safe drinking water and adequate nutrition especially to the pregnant women's and children in the area etc.
- 15) 9.7. Ecology and Biodiversity: (i) a detailed biological study of the area will be carried out around 10 km radius through field survey.(ii) Location of national park, sanctuaries, biosphere reserves, wild life corridors etc. if any, within 10 km radius to be mentioned. (ii) Phase wise plan of plantation to be charted clearly indicating the area to be covered under plantation and the species to be planted.
- 16) PP to submit details of likely impact of the proposed project and work carried out without obtaining prior Environment Clearance on the environmental parameters (ambient air, surface and ground water, land, flora and fauna, ambient noise, climate change and socio economic etc.)
- 17) PP to include detailed material balance charts for each product showing consumption of raw material, sources of pollution and mitigation measures to control the pollution and justified use of resources along with quantities in the EIA report.
- 18) PP to submit details of rain water harvesting plan.
- 19) PP to carry out HAZOP and QRA and submit disaster management plan.
- 20) PP to submit details of waste water management (treatment, reuse and disposal) for the project.
- 21) PP to submit details of hazardous waste and solid waste management plan. (Storage, transport, treatment and disposal).
- 22) PP to submit details of energy efficient measures proposed in the project like use of LED lights, solar power etc.
- 23) PP to assess ecological damage with respect to the air, water, land and other environmental attributes. The collection and analysis of data shall be done by an Environmental Laboratory accredited by NABL or a laboratory of a council of Scientific and Industrial Research (CSIR) Institution working in the field of Environment.
- 24) PP to prepare an EMP comprising remediation plan and natural and community resource augmentation plan corresponding to the ecological damage assessed and economic benefits derived due to violation.
- 25) The remediation plan and the natural and community resource augmentation plan to be prepared as an independent chapter in the EIA report by the accredited consultant.
- **26)** To calculate the cost of project (capital and recurring) as well as cost required towards the implementation of EMP to be clearly spelt out in the EIA/EMP report.
- 27) PP to submit their plan to utilize CER (Corporate Environment Responsibility) along with timelines as per OM issued by MoEF&CC dated 01.05.2018.
- 28) PP to submit Form 2 along with EIA/EMP report as per OM issued by MoEF&CC on 20.04.2018.
- 29) PP to submit an undertaking for not having any eco sensitive area in the range of 5 KM from proposed project site.



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Dr. Umakant Dangat

(Chairman SEAC-I)

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.





SEAC Meeting No: 151st (Day-2) Meeting Date: May 24, 2018 Page 25 of 125 Signature:
Name: Dr. Umakant Gangetzeo Dangat

Dr. Umakant Dangat

(Chairman SEAC-I)

151st Meeting of State Level Expert Appraisal Committee (SEAC-I)

SEAC Meeting number: 151st (Day-2) Meeting Date May 24, 2018

Subject: Environment Clearance for Proposed expansion of Bulk Drugs and Intermediates Manufacturing capacity from $160\ \text{MT/Yr.}$ to $266.6\ \text{MT/Yr.}$ (Increase by $106.6\ \text{MT/Yr.}$) - Application for grant of ToRs .

Is a Violation Case: No

1.Name of Project M/s. CIPLA Ltd. (Unit-1) 2.Type of institution Private 3.Name of Project Proponent Mr. Bhagwan Gawali (Director) 4.Name of Consultant Equinox Environments (India) Pvt. Ltd. NA 6.New project/expansion in existing project most project of project of Existing Bulk Drugs and Intermediates Manufacturing Unit 7.If expansion/diversification, whether environmental clearance has been obtained for existing project 8.Location of the project 9.Taluka Daund 10.Village Kurkumbh Daund 10.Village Kurkumbh Mider Mid
A.Name of Project Proponent 4.Name of Consultant 5.Type of project 6.New project/expansion in existing project/modernization/diversification in existing project 7.If expansion/diversification, whether environmental clearance has been obtained for existing project 7.If expansion/diversification, whether environmental clearance has been obtained for existing project 8.Location of the project 9.Taluka 10.Village Kurkumbh 10.Village Kurkumbh Correspondence Name: Room Number: Plot No. D-7 & D-8 Building Name: Road/Street Name: Locality: City: Pune 1.Area of the project Notified Industrial Area - Kurkumbh MIDC 12.IOD/IOA/Concession/Plan Approval Number 13.Note on the initiated work (If applicable) 14.LOI / NOC / IOD from MHADA/Other approvals (If applicable) 15.Total Plot Area (sq. m.) 16.Deductions 18. (a),Proposed Built-up Area (FSI & Non-FSI) 19. (b) Approved Built-up area (sq. m.): 19. (b) Approved Full up area (sq. m.): Approved FSI area (sq. m.): Approved FSI area (sq. m.): Approved FSI area (sq. m.):
4.Name of Consultant 5.Type of project NA 6.New project/modernization/diversification project/modernization/diversification in existing project/modernization/diversification, whether environmental clearance has been obtained for existing project Nanofaction of the project No. D-7 & D-8, Kurkumbh MIDC, Tal.: Daund, Dist.: Pune, Maharashtra Daund No.Village Kurkumbh Correspondence Name: Road/Street Name: Road/Street Name: Kurkumbh, Daund City: Pune Notified Industrial Area - Kürkumbh MIDC Approved Built-up Area (FSI & No. PSI) No. PSI area (sq. m.): NA 18 (a),Proposed Built-up Area (FSI & No. PSI area (sq. m.): No. PSI area (sq. m.): No. Poposed expansion and modernization project of Existing Bulk Drugs and Intermediates Manufacturing Unit NA 1. India (Approved Built-up Area (Sq. m.)): NA 1. India (Approved Built-up Area (sq. m.)): NA 1. Approved Built-up Area (sq. m.): NA 1. Approved Built-up Area (sq. m.): Non-FSI area (sq. m.): NA 1. Approved Built-up Area (sq. m.): NA 1. Approved Built-up Area (sq. m.): NA 1. Approved Built-up Area (sq. m.): Non-FSI area (sq. m.): NA 1. Approved Built-up Area (sq. m.): NA 2. Approved Built-up Area (sq. m.): NA 2. Approved Built-up Area (sq. m.): NA 3. Approved Built-up Area (sq. m.): NA 4. Approved Built-up Area (sq. m.):
5.Type of project 6.New project/expansion in existing project/modernization/diversification in existing project/modernization/diversification manufacturing Unit 7.If expansion/diversification, whether environmental clearance has been obtained for existing project 8.Location of the project 9.Taluka Daund 10.Village Kurkumbh Correspondence Name: Room Number: Plot No. D-7 & D-8, Kurkumbh MIDC, Tal.: Daund. Dist.: Pune, Maharashtra 9.Taluka Daund 10.Village Kurkumbh Correspondence Name: Room Number: Plot No. D-7 & D-8 Building Name:
6.New project/expansion in existing project/modernization/diversification in existing project modernization/diversification in existing project modernization/diversification in existing project modernization/diversification, whether environmental clearance has been obtained for existing project 7.If expansion/diversification, whether environmental clearance has been obtained for existing project 8.Location of the project 9.Taluka 10.Village Kurkumbh Correspondence Name: M/s. Cipla Ltd. (Unit-I) Room Number: Plot No. D-7 & D-8 Floor: Building Name: Road/Street Name: Kurkumbh MIDC Locality: Kurkumbh, Daund City: Pune Notified Industrial Area - Kurkumbh MIDC 11.Area of the project Not infield Industrial Area - Kurkumbh MIDC NA 10.DI/IOA/Concession/Plan Approved Built-up Area: 59652 Not applicable) 13.Note on the initiated work (If applicable) 14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable) 15.Total Plot Area (sq. m.) 204976 Sq. M. NA 18 (a).Proposed Built-up Area (FSI & Non-FSI) 21. Approved Built up Area (sq. m.): Approved FSI area (sq. m.): Approved FSI area (sq. m.): Approved FSI area (sq. m.):
project/modernization/diversification in existing project 7.If expansion/diversification, whether environmental clearance has been obtained for existing project 8.Location of the project 9.Taluka 10.Village Kurkumbh Correspondence Name: M/s. Cipla Ltd. (Unit-I) Room Number: Plot No. D-7 & D-8 Building Name: Road/Street Name: Kurkumbh MIDC Locality: Vune 11.Area of the project Notified Industrial Area - Kurkumbh MIDC 12.IOD/IOA/Concession/Plan Approval Number 13.Note on the initiated work (If applicable) 14.LOI / NOC / IOD from MHADA/Other approvals (If applicable) 15.Total Plot Area (sq. m.) 18 (a).Proposed Built-up Area (FSI & Non-FSI) 10 (Village Name) 10 (Village Name) Namufacturing Unit Next Lexisting unit is obtained from MoEF dated 05.04.2006 Next Lexisting unit is obtained from MoEF dated 05.04.2006 Namufacturing Unit Next Lexisting unit is obtained from MoEF dated 05.04.2006 Namufacturing Unit Next Lexisting unit is obtained from MoEF dated 05.04.2006 Namufacturing Unit Namufact
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9.Taluka Daund 10.Village Kurkumbh Correspondence Name: M/s. Cipla Ltd. (Unit-1) Room Number: Plot No. D-7 & D-8 Floor:
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Correspondence Name: M/s. Cipla Ltd. (Unit-I) Room Number: Plot No. D-7 & D-8 Floor:
Room Number: Flot No. D-7 & D-8 Floor:
Floor: Building Name: Road/Street Name: Kurkumbh MIDC Locality: Kurkumbh, Daund City: Pune Notified Industrial Area - Kurkumbh MIDC NA 12.IOD/IOA/Concession/Plan Approval Number Notified Industrial Area - Kurkumbh MIDC NA 10D/IOA/Concession/Plan Approval Number: NA Approved Built-up Area: 59652 13.Note on the initiated work (If applicable) 14.LOI / NOC / IOD from MHADA/Other approvals (If applicable) 15.Total Plot Area (sq. m.) 16.Deductions NA 17.Net Plot area NA 18 (a).Proposed Built-up Area (FSI & Non-FSI) Non-FSI Non-FSI Approved FSI area (sq. m.):
Building Name: Road/Street Name: Locality: City: Pune Notified Industrial Area - Kurkumbh MIDC NA 12.IOD/IOA/Concession/Plan Approval Number 13.Note on the initiated work (If applicable) 14.LOI / NOC / IOD from MHADA/Other approvals (If applicable) 15.Total Plot Area (sq. m.) 16.Deductions NA 18 (a).Proposed Built-up Area (FSI & Non-FSI) Na Kurkumbh MIDC NA IOD/IOA/Concession/Plan Approval Number: NA Approved Built-up Area: 59652 Not applicable Existing unit of CIPLA Ltd. is located in notified industrial area i.e. Kurkumbh MIDC. 204976 Sq. M. NA a) FSI area (sq. m.): NA b) Non FSI area (sq. m.): NA c) Total BUA area (sq. m.): Approved FSI area (sq. m.): Approved FSI area (sq. m.):
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Locality: City: Pune Notified Industrial Area - Kurkumbh MIDC NA 12.IOD/IOA/Concession/Plan Approval Number 13.Note on the initiated work (If applicable) 14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable) 15.Total Plot Area (sq. m.) 16.Deductions NA 17.Net Plot area 18 (a).Proposed Built-up Area (FSI & Non-FSI) Non-FSI Non-FSI Kurkumbh, Daund NA IOD/IOA/Concession/Plan Approval Number: NA Approved Built-up Area: 59652 Not applicable Existing unit of CIPLA Ltd. is located in notified industrial area i.e. Kurkumbh MIDC. 204976 Sq. M. NA a) FSI area (sq. m.): NA b) Non FSI area (sq. m.): NA c) Total BUA area (sq. m.): Approved FSI area (sq. m.): Approved FSI area (sq. m.):
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11.Area of the project Notified Industrial Area - Kurkumbh MIDC NA 12.IOD/IOA/Concession/Plan Approval Number: NA Approved Built-up Area: 59652 13.Note on the initiated work (If applicable) 14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable) 15.Total Plot Area (sq. m.) 16.Deductions NA 17.Net Plot area NA 18 (a).Proposed Built-up Area (FSI & Non-FSI) Non-FSI area (sq. m.): NA b) Non FSI area (sq. m.): Approved FSI area (sq. m.): Approved FSI area (sq. m.): Approved FSI area (sq. m.):
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Approved Built up area as not Not applicable Not applicable Existing unit of CIPLA Ltd. is located in notified industrial area i.e. Kurkumbh MIDC. Existing unit of CIPLA Ltd. is located in notified industrial area i.e. Kurkumbh MIDC. 204976 Sq. M. NA NA 17.Net Plot area NA a) FSI area (sq. m.): NA b) Non FSI area (sq. m.): NA c) Total BUA area (sq. m.): Approved FSI area (sq. m.): Approved FSI area (sq. m.):
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18 (a).Proposed Built-up Area (FSI & b) Non FSI area (sq. m.): NA c) Total BUA area (sq. m.): Approved FSI area (sq. m.):
Non-FSI) c) Total BUA area (sq. m.): Approved FSI area (sq. m.):
c) Total BUA area (sq. m.): Approved FSI area (sq. m.):
19 (b) Approved Ruilt up area as per
18 (b).Approved Built up area as per
Approved Non FSI area (sq. m.):
Date of Approval:
19.Total ground coverage (m2) NA
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)
out,
21.Estimated cost of the project 1304000000

22. Number of buildings & its configuration

appropriestly Abhay Pimparkar (Secretary SEAC-I)

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Name: Dr. Umakant Gangetrao Dangat Page 26 Dr. Umakant Dangat (Chairman SEAC-I)

Serial number	Buildin	g Name & number	Number of floors	Height of the building (Mtrs)
1		NA	NA	NA
23.Number		NA		
24.Number expected r users		NA		
25.Tenant per hectar		NA		
26.Height building(s)				
station to	the road learest fire	NA		08)
28. Turning for easy ac fire tender movement around the excluding for the pla	ccess of from all e building the width	NA	200	
29.Existing structure		NA	-00	
30.Details demolition disposal (I applicable	n with If	NA		

31.Production Details

Serial Number	Product	Existing (MT/M)	Proposed (MT/M)	Total (MT/M)
1	Celecoxib	5.7	0.0	5.7
2	Fluticasone Propionate	0.11	0.0	0.11
3	Meloxicam	0.95	0.0	0.95
4	Beclomethasone Dipropionate	0.04	0.0	0.04
5	Mometasone Furate	0.06	0.0	0.06
6	Budesonide	0.08	0.0	0.08
7	Loteprednol Etabonate	0.04	0.0	0.04
8	Famciclovir	0.28	0.0	0.28
9	Lamivudine	0.71	0.0	0.71
10	Fluconazole	1.44	0.0	1.44
11	Pioglitazone Hydrochloride	0.06	0.0	0.06
12	Nateglinide	0.09	0.0	0.09
13	Citalopram Hydrobromide	0.3	0.0	0.3
14	Sertraline Hydrochloride	0.18	0.0	0.18



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Chairman SEAC-I)

15	Olanzapine	0.033	0.0	0.033	
16	Aripiprazole			0.08	
	Carvedilol	0.42	0.0	0.42	
17 18	Losartan Potassium	0.42	0.0		
				0.132	
19	Ramipril	0.17	0.0	0.17	
20	Salbutamol Sulphate	0.59	0.0	0.59	
21	Formoterol Fumarate Dihydrate	0.009	0.0	0.009	
22	Ondansetron Hydrochloride Dihydrate	0.54	0.0	0.54	
23	Pamidronate Disodium Pentahydrate	0.04	0.0	0.04	
24	Alendronate Sodium Trihydrate	0.96	0.0	0.96	
25	Pramipexole Dihydrochloride Monohydrate	0.04	0.0	0.04	
26	Zolpidem Tartrate	0.30	0.0	0.30	
27	Rizatriptan Benzoate	0.03	0.0	0.03	
28	Ciclesonide	0.0	0.0375	0.0375	
29	Oseltamivir phosphate	0.0	0.4131	0.4131	
30	Valsartan	0.0	0.5520	0.5520	
31	Tiotropium Bromide Monohydrate BP/PH EUR	0.0	0.0060	0.0060	
32	Valganciclovir hydrochloride	0.0	0.2400	0.2400	
33	Arformoterol Tartarate	0.0	0.0002	0.0002	
34	Ondansetron Base	0.0	0.1926	0.1926	
35	Zoledronic Acid	0.0	0.003	0.003	
36	Ibandronate Sodium Monohydrate	0.0	0.010	0.010	
37	Atazanavir Sulphate	0.0	0.2	0.2	
38	Risedronate Sodium Hemipentahydrate USP	0.0	0.20	0.20	
39	Cinacalcet hydrochloride	0.0	1.20	1.20	
40	Entecavir monohydrate	0.0	0.004	0.004	
41	Dabigatran etexilate mesylate	0.0	0.107	0.107	
42	Raloxifene Hydrochloride	0.0	0.7400	0.7400	
43	Indacaterol maleate	0.0	0.0060	0.0060	
44	Selexipag	0.0	0.0003	0.0003	
45	Eluxadoline	0.0	0.0006	0.0006	
46	Bictegravir	0.0	0.0060	0.0060	
47	Bethanechol Chloride	0.0	0.388	0.388	



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

48	Sacubitril	0.0	1.3	1.3
49	Mebendazole 0.0		0.4200	0.4200
50	Alosetron Hydrochloride	0.0	0.005	0.005
51	Albendazole	0.0	0.2700	0.2700
52	Vanlafaxine	0.0	2.0000	2.0000
53	Ibrutinib	0.0	0.0020	0.0020
54	Sorafenib Tosylate III	0.0	0.0040	0.0040
55	Palbociclib	0.0	0.0014	0.0014
56	Everolimus Premix	0.0	0.0010	0.0010
57	Osimertinib Mesylate	0.0	0.0003	0.0003
58	Lenvatinib Mesylate	0.0	0.00002	0.00002
59	Pomalidomide	0.0	0.0003	0.0003
60	Pazopanib HCl	0.0	0.0050	0.0050
61	Axitinib	0.0	0.0050	0.0050
62	Abiraterone Acetate	0.0	0.0050	0.0050
63	Dasatinib	0.0	0.0027	0.0027
64	Carfilzomib	0.0	0.0003	0.0003
65	Estramustine	0.0	0.1663	0.1663
66	Everolimus	0.0	0.0010	0.0010
67	Exemestane Stage-I	0.0	0.0173	0.0173
68	Nilotinib Hydrochloride	0.0	0.0028	0.0028
69	Pemetrexed hepta hydrate	0.0	0.0020	0.0020
70	Regorafenib	0.0	0.0018	0.0018
71	Ruxolitinib phosphate	0.0	0.0020	0.0020
72	Tegafur	0.0	0.0020	0.0020
73	Vinblastine sulphate	0.0	0.0020	0.0020
74	Vincristine Sulfate	0.0	0.002	0.002
75	Etoposide	0.0	0.002	0.002
76	Capecitabine	0.0	0.002	0.002
77	Cisplatin	0.0	0.001	0.001
78	Carboplatin	0.0	0.002	0.002
79	Oxaliplatin	0.0	0.002	0.002
80	R & D Product	0.0	0.2	0.2
81	Tablets as approved by FDA	2000 Million Nos./Year	0.0	2000 Million Nos./Year
82	Capsules as approved by FDA	170 Million Nos./Year	0.0	170 Million Nos./Year
83	Soft Gelatin products as approved by FDA	21.2 Million Nos./Year	0.0	21.2 Million Nos./Year
84	Suppositories and Oral Paste as approved by FDA	12 Million Nos./Year	0.0	12 Million Nos./Year
85	Sachets as approved by FDA	85 Lakhs Nos./Year	0.0	85 Lakhs Nos./Year



	32.Tota	l Water Requirement
	Source of water	MIDC Water Supply Scheme
	Fresh water (CMD):	788
	Recycled water - Flushing (CMD):	320 - In process (Not for flushing)
	Recycled water - Gardening (CMD):	NA
	Swimming pool make up (Cum):	NA
Dry season:	Total Water Requirement (CMD)	1108
	Fire fighting - Underground water tank(CMD):	Not applicable
	Fire fighting - Overhead water tank(CMD):	Not applicable
	Excess treated water	Not applicable
	Source of water	MIDC Water Supply Scheme
	Fresh water (CMD):	788
	Recycled water - Flushing (CMD):	320 - In process (Not for flushing)
	Recycled water - Gardening (CMD):	NA NA
	Swimming pool make up (Cum):	NA
Wet season:	Total Water Requirement (CMD)	1108
	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

		Y							
Particula rs	Consumption (CMD)			Loss (CMD)			Effluent (CMD)		
Water Require ment	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total
Domestic	84	0.0	84	6	0.0	6	78	0.0	78
Industrial Process	118	56	174	0.0	0.0	0.0	148	95	243
Gardening	30	30	60	0.0	0.0	0.0	0.0	0.0	0.0



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(Chairman SEAC-I)

Cooling tower & thermopa ck	415	375	790	373.5	337.5	711	41.5	37.5	79		
	Level of water ta		Ground	The details	The details of rainwater harvesting will be incorporated in EIA report.						
		Size and no o tank(s) and Quantity:	f RWH	The details	of rainwater ha	arvesting v	will be incorp	oorated in EIA	report.		
		Location of the tank(s):	ne RWH	The details	of rainwater ha	arvesting v	will be incorp	oorated in EIA	report.		
34.Rain V Harvestii		Quantity of repits:	echarge	The details	of rainwater ha	arvesting v	will be incorp	oorated in EIA	report.		
(RWH)		Size of rechar:	rge pits	The details	of rainwater ha	arvesting v	will be incorp	orated in EIA	report.		
		Budgetary all (Capital cost)	:	The details	of rainwater ha	rvesting v	will be incorp	orated in EIA	report.		
		Budgetary all (O & M cost)	:	The details	of rainwater ha	arvesting v	will be incorp	oorated in EIA	report.		
		Details of UG if any :	T tanks	NA		0	<u> </u>				
25 Storm	D= 0:		r ern:	The details of storm water drainage will be incorporated in EIA repo							
35.Storm water drainage		Quantity of st water:	torm	The details	of storm water	drainage	will be incor	porated in EIA	report.		
		Size of SWD:		The details of storm water drainage will be incorporated in EIA report.							
				X)							
		Sewage general in KLD:	ration	78							
		STP technolo	gy:		provision of STP. The same proctivity.						
Sewage Waste w		Capacity of S' (CMD):	ГР	NA							
waste w	ater	Location & arthe STP:	rea of	NA							
		Budgetary all (Capital cost)		NA NA							
	5	Budgetary all (O & M cost):		on _{NA}							
		36	.Soli	d waste	Manage	emen	t				
Waste gen		Waste genera	tion:	NA							
	the Pre Construction and Construction Disposal of the construction waste			No major construction would be done since most of infrastructure would be used from existing unit. Only few equipments & machineries as required for expansion activities will be installed.							
		Dry waste:		(1) Plastic S	crap, Glass scr	ap, woode	en scrap, met	tal scrap and (2	2) Ash		
		Wet waste:		(1) Plastic Scrap, Glass scrap, wooden scrap, metal scrap and (2) Ash NA							
WA7	. •	Hazardous wa	aste:	NA							
Waste ge in the op Phase:		Biomedical w applicable):		NA							
i nase.		STP Sludge (I sludge):	Dry	NA							
		Others if any		NA							
Others if any:			'1uy 24, 2010		U	T25 Conun	rmun JLAC-1)				

		Dry waste:		Sale to authorized party, Sold to brick / land					
			•	NA					
		Hazardous	waste:	NA					
Mode of lof waste:	_	Biomedica applicable		NA					
			e (Dry	NA					
	Others if any:		NA						
	Location(s):		Unit-I, MIDC Kurkumbh, Plot No. D-7 & D-8, Tal.: Daund, Dist.: Pune, Maharashtra						
Area requirem	ent:	Area for the of waste & material:		The storage details of w	vaste will be incorporated	in EIA report.			
		Area for m	achinery:	The storage details of waste will be incorporated in EIA report.					
	allocation	Capital cos	st:	The storage details of waste will be incorporated in EIA report.					
	(Capital cost and O&M cost): 0 & M cost:		The storage details of waste will be incorporated in EIA report.						
			37.Ef	fluent Charecter	estics				
Serial Number	Paran	neters	Unit	Inlet Effluent Charecterestics	Outlet Effluent Charecterestics	Effluent discharge standards (MPCB)			
1	В	BOD mg/lit		1992	2	30			

Serial Number	Parameters	Unit Inlet Effluent Outlet Effluent Effluent disch Charecterestics Charecterestics standards (M.						
1	BOD	mg/lit	1992	2	30			
2	COD	mg/lit 5432 18 250						
3	TDS	mg/lit	1110	85	2100			
4	рН		6.5	6.8	5.5-9.0			
Amount of e	effluent generation	400						
Capacity of	the ETP:	400 CMD						
Amount of trecycled:	reated effluent	320 CMD						
Amount of v	vater send to the CETP:	NA NA						
Membershi	o of CETP (if require):	NA						
Note on ET	P technology to be used	into two str (High TDS a comprising Stream is tr Film Dryer	eams - E-1 Stream (Low and High COD Effluent). of Primary, Secondary & reated in Multiple Effect	nufacturing & utility ope TDS and Low COD Effluc E-1 Stream is treated in Tertiary treatment unit Evaporator (MEE) follow condensate is forwarded	ent) and E-2 Stream existing ETP operations whereas E-2 ed by Vertical Thin			
Disposal of	the ETP sludge	ETP sludge	is forwarded to CHWTSI	DF.				

38.Hazardous Waste Details

	50.11d2d1d0d3 Wd5te Detail5								
Serial Number	Description	Cat	UOM	Existing	Proposed	Total	Method of Disposal		
1	Used /spent oil	Cat.:5.1	Lit./M	400	200	600	Sale to authorized reprocessor		
2	Discarded Containers barrels/liners	Cat.: 33.1	Nos./M	400	200	600	Sale to authorized party		
3	Chemical sludge from waste water treatment Cat.: 35.3 MT/M 1.5 18.5 20		CHWTSDF						
4	Sludge from wet scrubber	Cat.: 37.1	MT/M	5	3	8	CHWTSDF		



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5	Sludge fi	rom MEE	Cat.:35.4	MT/M	30	20	50	CHWTSDF	
6	Spent s	solvents	Cat.: 28.6	KL/M	150	200	350	Sale to authorized re- processor	
7		alyst/spent bon	Cat.: 28.3	Kg/M	500	300	800	CHWTSDF	
8		xpired, d and off- tion drugs	Cat.: 28.5	MT/M	5	3	8	CHWTSDF	
9		Organic ents	Cat.: 28.6	KL/M	5	3	8	Sale to authorized re- processor	
10	Spent Mot	her Liquor	Cat.: 28.1	M3/dilution with water/M	750	400	1150	MEE	
			39.S	tacks em	ission D	Details			
Serial Number	ll Section & units Fuel Us		sed with antity	Stack No	Height from ground level (m)	Internal diameter (m)	Temp. of Exhaust Gases		
1	Boilers (3 T	PH -2 Nos.)	Furnace (oil-4.5 KL/D	(Common)	30	0.63	NA	
2	Boiler	(8TPH)	/Coal - 34	Briquette MT/D / 28.8 T/D	1	30	0.63	NA	
3		ck (2 Lack /Hr)	HSD-	5 KL/M	1	30	0.63	NA	
4	D.G.Set (2	1250 KVA)	HSD-2	24 KL/M	1	7.5		NA	
5	D.G.Set (2	1500 KVA)	HSD-2	24 KL/M	1	14.71		NA	
			40.De	etails of I	uel to k	e used			
Serial Number	Туг	e of Fuel		Existing		Proposed		Total	
1	Fu	rnace Oil	S	4.5 KL/D	4.5 KL/D 0.00			4.5 KL/D	
2	Biomass	Briquette /C	oal 34	MT/D / 28.8 N	T/D / 28.8 MT/D 0.00			34 MT/D / 28.8 MT/D	
3	HSD (Thermopack)	5 KL/M		0.00		5 KL/M	
4	HSD	(D.G. Set)		24 KL/M			24 KL/M		
41.Source		C +		an Oil Corpor	ation Ltd.				
42.Mode of	Transportat	ion of fuel to	site Tank	xers by Road					
	C	Total RG a	rea :	Existing Green Belt Area in MIDC plot -54,633.2 Sq. M. (27 % of total plot)					
	No of trees to be			NA					
43.Green Belt Number of be planted							of total plot area). The e incorporated in EIA		
συνσισμ	Development List of proposed native trees:							of total plot area). The e incorporated in EIA	
		Timeline f completion plantation	n of	The detail princorporate			pment and in	nplementation will be	
	44.Nu	mber and	d list of	trees spe	cies to l	be plante	d in the	ground	
				-				1.	
The second secon								LO a	



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Serial Number	Name of	the plant Co	ommo	n Name	Qua	ntity	Characteristics & ecological importance	
1	planted under pexpansion will be expansion will be		olanteo pansio	trees to be d under on will be ted in EIA ort.	n will be expansion will be expansion will be incorporated in EIA		The list of trees to be planted under expansion will be incorporated in EIA report.	
45	.Total quai	ntity of plants on	groui	nd				
46.Num	ber and	list of shrub	s an	d bushes	species	to be pla	anted in the podium RG:	
Serial Number		Name		C/C Dista	nce		Area m2	
1		NA		NA			NA	
				47.Er	nergy			
		Source of power supply:		Maharashtr	a State Elec	tricity Distril	oution Company Ltd.	
		During Constru Phase: (Demand Load)		NA				
		DG set as Power back-up during construction phase		NA				
Pov		During Operation phase (Connect load):		The average electricity required for existing operations is to the tune of 90,000 KW Hr./Day & that for expansion activity is 9000 KW Hr./Day.				
require		During Operation phase (Demand load):	on	The average electricity required for existing operations is to the tune of 90,000 KW Hr./Day & that for expansion activity is 9000 KW Hr./Day.				
		Transformer:		NA				
		DG set as Power back-up during operation phase:		Existing two D.G. Sets of 1250 KVA and 1500 KVA				
		Fuel used:		HSD				
		Details of high tension line pas through the plo any:		NA				
		48.Energy	savi	ng by no	n-conver	ntional m	ethod:	
NA								
	$\langle \lambda \rangle$	49.De	tail	calculati	ons & %	of saving	j:	
Serial Number	S E	nergy Conservati	ion Mo	easures			Saving %	
1		NA					NA	
		50.Det	ails	of polluti	ion conti	rol Syste	ms	
Source	Ex	isting pollution (contro	l system		Proj	posed to be installed	
8 TPH Boiler	C	Syclone Separator	and Ba	ıg Filter			NA	
Budgetary		Capital cost:		The Capital	Cost will be	incorporate	d in EIA report.	
(Capital o					will be incor	porated in EI	A report.	



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51. Environmental Management plan Budgetary Allocation a) Construction phase (with Break-up): **Serial Attributes Parameter** Total Cost per annum (Rs. In Lacs) Number NA NA NA b) Operation Phase (with Break-up): **Serial** Capital cost Rs. In **Operational and Maintenance** Component Description Number cost (Rs. in Lacs/yr) Lacs The Capital Cost and The Capital Cost and The Capital Cost and The Capital Cost and O&M will be O&M will be O&M will be O&M will be 1 incorporated in EIA incorporated in EIA incorporated in EIA incorporated in EIA report. report. report. report. 51. Storage of chemicals (inflamable/explosive/hazardous/toxic substances) Maximum Quantity of Consumption Storage Storage at Source of Means of **Description Status** Location Capacity in Month in any point transportation Supply MT MT of time in \mathbf{MT} Storage of Storage of Storage of Storage of Storage of chemicals chemicals Storage of chemicals chemicals chemicals will Storage of chemicals will be Storage of chemicals will be will be will be chemicals will he will be incorporated at incorporated will be incorporated at incorporated incorporated be incorporated incorporated incorporated the time of EIA report. at the time the time of EIA report. at the time at the time at the time at the time of at the time of of EIA of EIA of EIA of EIA EIA report. EIA report. report. report. report. report. 52. Any Other Information No Information Available 53.Traffic Management

of EIA report submission

Abhay Pimparkar (Secretary

SEAC-I)

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Nos. of the junction to the main road &

design of

confluence:

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

	Number and area of basement:	The details of traffic management plan will be incorporated at the time of EIA report submission				
	Number and area of podia:	NA NA				
	Total Parking area:	The details of traffic management plan will be incorporated at the time of EIA report submission				
	Area per car:	The details of traffic management plan will be incorporated at the time of EIA report submission				
	Area per car:	The details of traffic management plan will be incorporated at the time of EIA report submission				
Parking details:	Number of 2- Wheelers as approved by competent authority:	The details of traffic management plan will be incorporated at the time of EIA report submission				
	Number of 4- Wheelers as approved by competent authority:	The details of traffic management plan will be incorporated at the time of EIA report submission				
	Public Transport:	The details of traffic management plan will be incorporated at the time of EIA report submission				
	Width of all Internal roads (m):	The details of traffic management plan will be incorporated at the time of EIA report submission				
	CRZ/ RRZ clearance obtain, if any:	NA				
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	NA				
	Category as per schedule of EIA Notification sheet	Category (B), Item No.5 (f) as per the provision of "EIA Notification No. S. O. 1533 (E)" dated 14.09.2006 and amendments thereat.				
	Court cases pending if any	No any court case is pending.				
	Other Relevant Informations	Application in the prescribed online format of 'FORM 1' along with the requisite documents is submitted herewith for grant of ToRs. The monitoring will be conducted and thereafter the EIA report will be submitted for				
G S	Have you previously submitted Application online on MOEF Website.	Yes				
	Date of online submission	14-02-2018				
SEAC	DISCUSSION	ON ENVIRONMENTAL ASPECTS				
Environmental Impacts of the project	Not Applicable					
Water Budget	Not Applicable					
Waste Water Treatment	Not Applicable					



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

Brief information of the project by SEAC

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

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

PP to submit certified copy of compliance of earlier EC No.J-11011/48/2005-IA (I) dated 05.04.2006 from Regional Office of MoEF&CC, Nagpur as per OM issued by MoEF&CC on 07/09/2017.

DECISION OF SEAC



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

PP to submit prefeasibility report for the proposed expansion.

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

Specific Conditions by SEAC:

- 1) PP to submit certificate of incorporation of the company, list of directors and memorandum of articles.
- 2) PP to submit lay out plan showing entry/exit gates, internal road width of six meters, turning radius of nine meters, location of pollution control equipment, parking areas, waste storage areas, 33% green belt within the premises, rain water harvesting etc.
- 3) PP to include detailed material balance charts for each product showing consumption of raw material, sources of pollution and mitigation measures to control the pollution and justified use of resources along with quantities in the EIA report.
- 4) PP to carry out life cycle analysis of the activities carried out on site with respect to the sustainability index, green house and ozone depletion potential etc
- 5) PP to carry out HAZOP and QRA and submit report. PP also to carry out risk assessment with respect to the exposure to the oncological products considering the potency of drugs, exposure limits and design of isolators etc.
- **6)** PP to submit hazardous chemical handling protocol
- 7) PP to submit drawings, cross sectional drawings of the manufacturing units, equipment layout plan along with report on adequacy of the existing space for the expansion activities.
- 8) PP to include highlights of chemistry involved in the process in the EIA report.
- 9) PP to submit detailed water balance calculations and include details of water conservation measure adopted in the EIA report.
- 10) PP to submit details of ETP design with respect to the design of units proposed for effluent treatment. PP to ensure ZLD for the effluent treatment.
- 11) PP to use solar power for administrative building and street lights.
- 12) PP to submit Form 2 along with EIA/EMP report as per OM issued by MoEF&CC on 20.04.2018.
- 13) PP to submit their plan to utilize CER (Corporate Environment Responsibility) along with timelines as per OM issued by MoEF&CC dated 01.05.2018.
- 14) PP to submit an undertaking for not having any eco sensitive area in the range of 5 KM from proposed project site.
- 15) PP to submit an undertaking for not violating any requirements of EIA Notification, 2006.
- **16)** PP to submit copy of Structural Stability Certificate for the structures exists on the site.

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.

appropriess Abhay Pimparkar (Secretary

SEAC-I)

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151st Meeting of State Level Expert Appraisal Committee (SEAC-I)

SEAC Meeting number: 151st (Day-2) Meeting Date May 24, 2018

Subject: Environment Clearance for Proposed expansion and modernization project of Existing Bulk Drugs and Intermediates manufacturing unit.(Increased by 70 MT/Annum)-Application for grant of ToRs.

Is a Violation Case: No

Is a Violation Case: No							
1.Name of Project	M/s. CIPLA LIMITED (Unit-III)						
2.Type of institution	Private						
3.Name of Project Proponent	Mr. Sanjay Berad (Director)						
4.Name of Consultant	Equinox Environments (India) Private Limited						
5.Type of project	NA						
6.New project/expansion in existing project/modernization/diversification in existing project	Proposed expansion and modernization project of Existing Bulk Drugs and Intermediates manufacturing unit.						
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	Yes, Environmental Clearance from MoEF, New Delhi Dated 13.10.2005.						
8.Location of the project	Unit-III, Plot NoD-22, MIDC kurkumbh, Taluka: Daund, District: Pune, State: Maharashtra.						
9.Taluka	Daund						
10.Village	Kurkumbh						
Correspondence Name:	M/s. CIPLA LIMITED (Unit-III)						
Room Number:	Plot NoD-22						
Floor:							
Building Name:	-						
Road/Street Name:	MIDC kurkumbh						
Locality:	Kurkumbh, Dauund						
City:	Pune						
11.Area of the project	Notified Industrial Area-MIDC kurkumbh						
	NA						
12.IOD/IOA/Concession/Plan Approval Number	IOD/IOA/Concession/Plan Approval Number: NA						
i i ppi ovai i vamboi	Approved Built-up Area: 24435						
13.Note on the initiated work (If applicable)	NA						
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	Existing Unit Of CIPLA Ltd. is located in notified Industrial Area i.e. MIDC kurkumbh						
15.Total Plot Area (sq. m.)	59115 m2						
16.Deductions	NA						
17.Net Plot area	NA						
10 (a) Proposed Proposed (Toy of	a) FSI area (sq. m.): NA						
18 (a).Proposed Built-up Area (FSI & Non-FSI)	b) Non FSI area (sq. m.): NA						
5	c) Total BUA area (sq. m.): 0.0						
10 (b) A	Approved FSI area (sq. m.):						
18 (b).Approved Built up area as per DCR	Approved Non FSI area (sq. m.):						
	Date of Approval:						
19.Total ground coverage (m2)	NA						
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	NA						
21.Estimated cost of the project	296300000						
22.Num	ber of buildings & its configuration						

Abhay Pimparkar (Secretary SEAC-I)

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Serial number	Buildin	g Name & number	Number of floors	Height of the building (Mtrs)
1		NA	NA	NA
23.Number		NA		
24.Number expected r users		NA		
25.Tenant per hectar		NA		
26.Height building(s)				
station to	the road learest fire	NA		08)
28.Turning for easy ac fire tender movement around the excluding for the pla	ccess of from all e building the width	NA	200	
29.Existing		NA	-00	
30.Details demolition disposal (I applicable	n with If	NA		

31.Production Details

Serial Number	Product	Existing (MT/M)	Proposed (MT/M)	Total (MT/M)
1	Nevrapine/ Nevrapine Hemihydrate	1.89	0.0	1.89
2	Ziduvudine	0.49	0.0	0.49
3	Lamivudine	0.85	0.0	0.85
4	Terbinafine Hydrochloride	2.00	0.0	2.00
5	Cyproterone Acetate	0.27	0.0	0.27
6	Fexofenadine Hydrochloride	0.86	0.0	0.86
7	Deferiprone	1.56	0.0	1.56
8	Escitalopram Oxalate	0.18	0.0	0.18
9	Citalopram Hydrobromide	3.10	0.0	3.10
10	Rosiglitasone Maleate	0.65	0.0	0.65
11	Estramustine Sodium Phosphate	0.67	0.0	0.67
12	Abacavir Sulfate	0.0	2.00	2.00
13	Dolutegravir Sodium	0.0	2.00	2.00



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14	Tenofovir Disoproxil Fumarate	0.0	11.67	11.67				
15	Tenofovir Alafenamide Fumarate	0.0	1.00	1.00				
16	Emtricitabine	0.0	0.42	0.42				
17	Oseltamivir Phosphate	0.0	0.50	0.50				
18	Valacyclovir Hydrochloride	0.0	0.25	0.25				
19	Deferasirox	0.0	0.50	0.50				
20	Exemestane	0.0	0.03	0.03				
21	Dapagliflozin	0.0	0.04	0.04				
22	Sitagliptine Phosphate	0.0	0.04	0.04				
23	Empagliflozin	0.0	0.04	0.04				
24	Levonorgestrel	0.0	0.00042	0.00042				
25	Danazol	0.0	0.17	0.17				
26	Ondesetron Base/HCL	0.0	0.25	0.25				
27	Bictegravir	0.0	0.02	0.02				
28	Eluxadoline	0.0	0.02	0.02				
29	Formaterol Fumarate	0.0	0.25	0.25				
30	Pramiprexole Dihydrochloride	0.0	0.25	0.25				
31	R & d Product	0.0	0.20	0.20				
	3	2.Total Wate	er Requiremen	t				
Source of water MIDC Water Supply Scheme								
	Fresh water	er (CMD): 130	7					
	Recycled v Flushing (ocess (Not for Flushing)					
	Recycled v							

Dry season:

NA Gardening (CMD): Swimming pool NA make up (Cum): **Total Water** Requirement (CMD) 258 Fire fighting -Underground water NA tank(CMD): Fire fighting -Overhead water NA tank(CMD): Excess treated water NA



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				ı							
Source of water			ter	MIDC Water	Supply Schen	ne					
Fre		Fresh water (CMD):		130							
		Recycled wat Flushing (CM		128- In Process (Not for Flushing)							
		Recycled wat Gardening (C		NA							
		Swimming po make up (Cu		NA							
Wet season	1:	Total Water Requirement	(CMD)	258							
		Fire fighting Underground tank(CMD):		NA							
		Fire fighting Overhead wa tank(CMD):		NA				8			
		Excess treate	ed water	NA							
Details of Spool (If any		NA									
		33	.Detail	s of Total	l water co	nsume	tl				
Particula rs	Cons	sumption (CM	D)	I	Loss (CMD)			Effluent (CMD)			
Water Require ment	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total		
Domestic	35	5	40	1	1	2	34	4	38		
Industrial Process	67	21	88	0.0	0.0	0.0	45	49.5	94.5		
Gardening	20	10	30	0.0	0.0	0.0	0.0	0.0	0.0		
Cooling tower & thermopa ck	78	22	100	70.5	21.5	92	7.5	0.5	8		
			>								
		Level of the water table:	Ground	The details of RWH will be incorporated at the time of EIA Report Submission.							
		Size and no c tank(s) and Quantity:	of RWH	The details of RWH will be incorporated at the time of EIA Report Submission.							
	6	Location of t tank(s):	he RWH	The details of Submission.	of RWH will be	incorpora	ated at the tir	ne of EIA Repo	ort		
34.Rain V Harvestir	34.Rain Water Quantity of repits:			The details of Submission.	of RWH will be	incorpora	ated at the tir	ne of EIA Repo	ort		
(RWH) Size of recharge p				The details of Submission.	of RWH will be	incorpora	ated at the tir	ne of EIA Repo	ort		
		Budgetary al (Capital cost		The details of RWH will be incorporated at the time of EIA Report Submission.							
		Budgetary al (O & M cost)		The details of Submission.	of RWH will be	incorpora	ated at the tir	ne of EIA Repo	ort		
		Details of UC if any:	T tanks	NA							





Natural water drainage pattern:	The Storm water details will be incorporated at the time of EIA Report Submission.
Quantity of storm water:	The Storm water details will be incorporated at the time of EIA Report Submission.
Size of SWD:	The Storm water details will be incorporated at the time of EIA Report Submission.
Sewage generation in KLD:	38 KLD
STP technology:	There is no provision of STP on site . The Domestic sewage is treated in existing ETP and same would be followed under expansion.
Capacity of STP (CMD):	NA
Location & area of the STP:	NA
Budgetary allocation (Capital cost):	NA
Budgetary allocation (O & M cost):	NA
36.Solio	d waste Management
Waste generation:	NA
Disposal of the construction waste debris:	No major construction would be done since most of infrastructure would be used from existing unit. In existing premises, only few equipments and machineries as required for proposed expansion unit would be installed.
Dry waste:	Plastic, Glass, Ferrous, Wooden, Metal Scrap, Discarded containers, drums, carboys etc.
Wet waste:	NA
Hazardous waste:	Battery Waste, E-Waste
Biomedical waste (If applicable):	NA
STP Sludge (Dry sludge):	NA
Others if any:	NA
Dry waste:	Sale to Authorized Party
Wet waste:	NA
Hazardous waste:	Sale to Authorized Party
Biomedical waste (If applicable):	NA
STP Sludge (Dry sludge):	NA
Others if any:	NA
Location(s):	Unit-III, Plot No D-22, MIDC Kurkumbh, Taluka:- Daund, District:- Pune, State:- Maharashtra.
Area for the storage of waste & other material:	The Storage details will be incorporated at the time of EIA Report Submission.
	The Storage details will be incorporated at the time of EIA Report
	drainage pattern: Quantity of storm water: Size of SWD: Sewage generation in KLD: STP technology: Capacity of STP (CMD): Location & area of the STP: Budgetary allocation (Capital cost): Budgetary allocation (O & M cost): 36.Solic Waste generation: Disposal of the construction waste debris: Dry waste: Wet waste: Hazardous waste: Biomedical waste (If applicable): STP Sludge (Dry sludge): Others if any: Dry waste: Wet waste: Hazardous waste: Biomedical waste (If applicable): STP Sludge (Dry sludge): Others if any: Location(s): Area for the storage of waste & other



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Budgetary allocation (Capital cost and O&M cost:

O & M cost:

The Storage details will be incorporated at the time of EIA Report Submission.

The Storage details will be incorporated at the time of EIA Report Submission.

37.Effluent Charecterestics

37.Elittuent Charecterestics									
Serial Number	Parameters	Unit	Inlet Effluent Charecterestics	Outlet Effluent Charecterestics	Effluent discharge standards (MPCB)				
1	BOD	mg/lit	658	2	30				
2	COD	mg/lit	2032	16	250				
3	TDS	mg/lit	2278	374	2100				
4	pН		8.65	7.65	5.5-9.0				
Amount of (CMD):	effluent generation	140.50	140.50						
Capacity of	the ETP:	150							
Amount of trecycled:	treated effluent	128							
Amount of v	water send to the CETP:	NA	NA						
Membershi	p of CETP (if require):	NA							
Note on ET	P technology to be used	Effluent from existing mfg & utility operations is segregated into 2 streams – E-1&E-2. E-1 is treated in existing ETP & E-2 is treated in MEE & VTFD. Solid from VTFD send to CHWTSDF for disposal & condensate is treated through E1. Achieves ZLD. Solids are forwarded to CHWTSDF, Ranjangaon, Pune Domestic wastewater is treated in existing ETP.							
Disposal of	the ETP sludge	ETP Sludge is forwarded to CHWTSDF							

38. Hazardous Waste Details

Serial Number	Description	Cat	UOM	Existing	Proposed	Total	Method of Disposal		
1	Used/Spent Oil	Cat.:- 5.1	lit/Month	300	100	400	Sale to authorized party		
2	Spent Solvents	Cat.:- 28.6	Klit/Month	125	275	400	Sale to authorized party		
3	Spent Catalyst/Spent Carbon	Cat.:- 28.3	MT/Month	7.5	0.0	7.5	Sale to authorized party/ CHWTSDF		
4	Date expired, discarded & off-specification drugs/medicines/chemicals	Cat.:- 28.5	kg/Month	50	50	100	CHWTSDF		
5	Spent Mother Liquor	Cat.:- 28.1	m3 /Month	600	300	900	Final residue to CHWTSDF		
6	Spent Organic Solvents	Cat.:- 28.6	Klit/Month	25	5	30	Sale to authorized party		
7	Discarded container, barrels/liners used for hazardous waste/chemicals	Cat.:- 33.1	Nos./Month	100	100	200	Sale to authorized Party		
8	Chemical sludge, Oil & Grease skimming residues from Industrial effluent	Cat.:- 35.3	MT/Month	5.25	4.0	9.25	CHWTSDF		
9	Sludge from wet scrubber	Cat.:- 37.1	kg/Month	15	5	20	CHWTSDF		
10	Sludge from MEE system	Cat.:- 35.4	MT/Month	45	25	70	CHWTSDF		
	30 Stacks omission Dotails								

39.Stacks emission Details



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Serial Number	Section	& units		Fuel Used with Quantity		Stack !		Height from ground level (m)	Inter diame (m	eter	Temp. of Exhaust Gases
1	Thermopa kcal/hr,			HSI)	1		30	0.3		99
2	Boiler-200 No	-		FO		1		33	0.3	5	165
3	DG Set, 50 KVA, 3			HSI)	3	2	4.6,3.6,5.6 Above Roof	0.41,0.4	1,0.75	160
4	Process S Vent-5 lit. o No	or kg/hr , 8		NA		8		4.0 Above Flooring	0.3		NA
			4().De	tails of	Fuel	to b	e used			
Serial Number	Туг	e of Fuel			Existing			Propose	d		Total
1	HSD (Thermopack))		48 kg/hr			0.0			48 kg/hr
2	Fu	rnace Oil			240 kg/hr			0.0			240 kg/hr
3	HSI	O (DG Set)			248 kg/hr	,		0.0			248 kg/hr
41.Source o	of Fuel			India	n Oil Corpo	ration I	td.				
42.Mode of	Transportat	ion of fuel to	site	Throu	ıgh Trucks	by road					
		Total RG a	rea :		Existing C	Green Be	lt Are	ea - 8201 m	n2. (13.87	′ % of 7	Гotal Plot Area)
		No of trees	s to be	to be cut NA							
43.Gree	n Belt	Number of be planted		Proposed Green Belt Area- 11307 m2 . (19 % of Total Plot Area) . The list of trees to be planted under expansion will be incorporated in EIA Report							
Develop	ment	List of pro native tree									
		Timeline f completion plantation	n of	The detail plan of green belt development and implementation in EIA Report					plementation in EIA		
	44.Nu	mber and	l list	of t	rees sp	ecies	to b	e plant	ed in t	the g	round
Serial Number	Name of	the plant	Co	mmo	n Name		Qua	ntity	Cha		ristics & ecological mportance
1	planted under planted under expansion will be		p exj	planted under pla pansion will be expa		The list of trees to be planted under expansion will be incorporated in EIA Report		Th	The list of trees to be planted under expansion will be incorporated in EIA Report		
45	.Total qua	ntity of plar	nts on	groui	nd						
46.Nun	nber and	list of sl	hrub	s an	d bushe	es spe	cies	s to be 1	olante	d in t	the podium RG:
Serial Number		Name			C/C Dist						
1		NA			NA					NA	A
					47.E	nero	I.V	•			



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		Source of supply:	power	Maharashtr	a Stat	e Electricity Distri	bution Company Limited	
		During Cor Phase: (De Load)		NA				
		DG set as back-up du construction	ıring	NA				
Dov	wer	During Op phase (Cor load):			The average electricity required for existing operations is to the 27000 KW Hr/Day and that for expansion activity is 3000 KW Hr/			
require	_	During Op phase (Der load):					existing operations is to the tune of nsion activity is 3000 KW Hr/Day.	
		Transform	er:	NA				
		DG set as l back-up du operation	ıring	500,750 and	d 750 l	KVA	000	
		Fuel used:		HSD				
		Details of tension linthrough thany:	e passing	NA	NA			
		48.Ene	rgy savi	na by no	n-co	nventional m	nethod:	
NA			33	9 • 9 •				
		4	0 Dotail	calculati	ons	& % of savin	u.	
Serial		-	J.Detaii	Carculati	UIIS	Q 70 OI SUVIII	y•	
Number	E	nergy Cons	ervation Mo	easures			Saving %	
1			NA	NA				
		50	.Details	of polluti	ion c	ontrol Syste	ms	
Source	Ex	isting pollu	tion contro	system Proposed to be installed				
NA			NA	NA				
	allocation	Capital cos	st:	The capital cost will be incorporated in EIA Report				
	cost and cost):	O & M cos	t;	The O & M cost will be incorporated in EIA Report				
51	.Envir	onment	al Mar	nageme	nt j	plan Budg	etary Allocation	
		a)	Construc	ction pha	se (with Break-u	ıp):	
Serial Number	Attri	butes	Parai	meter		Total Cost p	oer annum (Rs. In Lacs)	
1	N	ſΑ	N	ÍΑ			NA	
		b) Operat	ion Phas	e (w	ith Break-up):	
Serial Number	Comp	onent	onent Descr		Сар	ital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)	
1	Air Polluti	on Control	Boi	iler		43	For all component the O & M Cost would be 450 Lacs/year	
2		Pollution atrol		Treatment ant		400	As Above mentioned	
3		Pollution atrol		Level jement		16	As Above mentioned	



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4	Environmental Monitoring & Management	Environmental Monitoring & Management	2	As Above mentioned
5	Occupational Health Safety	Occupational Health Safety	1	As Above mentioned
6	Green Belt Development	Green Belt Development	2	As Above mentioned
7	MEE & VTFD	MEE & VTFD	186	As Above mentioned

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

Description	Status	Location	Storage Capacity in MT	Maximum Quantity of Storage at any point of time in MT	Consumption / Month in MT	Source of	Means of transportation
	The Storage		The Storage	The Storage		The Storage	
	details will		details will	details will	The Storage	details will	The Storage
The Storage details	be	The Storage details	be	be	details will be	be	details will be
will be incorporated at	incorporated	will be incorporated at	incorporated	incorporated	incorporated	incorporated	incorporated at
the time of EIA Report	at the time	the time of EIA Report	at the time	at the time	at the time of	at the time	the time of EIA
Submission.	of EIA	Submission.	of EIA	of EIA	EIA Report	of EIA	Report
	Report		Report	Report	Submission.	Report	Submission.
	Submission.		Submission.	Submission.		Submission.	

52.Any Other Information

No Information Available

53.Traffic	Man	age	ement
JJ. II ulli	LILL	uy	

	53.	Trainc Management				
Nos. of the junction to the main road & design of confluence: The details of Traffic Management plan will be incorporated if EIA Repot submission						
	Number and area of basement:	The details of Traffic Management plan will be incorporated at the time if EIA Repot submission				
	Number and area of podia:	NA				
	Total Parking area:	The details of Traffic Management plan will be incorporated at the time if EIA Repot submission ${\bf r}$				
	Area per car:	The details of Traffic Management plan will be incorporated at the time if EIA Repot submission ${\bf P}$				
	Area per car:	The details of Traffic Management plan will be incorporated at the time if ${\rm EIA}$ Repot submission				
Parking details:	Number of 2- Wheelers as approved by competent authority:	The details of Traffic Management plan will be incorporated at the time if EIA Repot submission				
	Number of 4- Wheelers as approved by competent authority:	The details of Traffic Management plan will be incorporated at the time if EIA Repot submission				
	Public Transport:	The details of Traffic Management plan will be incorporated at the time if EIA Repot submission				

if EIA Repot submission

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Width of all Internal

roads (m):

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The details of Traffic Management plan will be incorporated at the time

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	CRZ/ RRZ clearance obtain, if any:	NA
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	NA
	Category as per schedule of EIA Notification sheet	Category
	Court cases pending if any	NA
	Other Relevant Informations	Application in the prescribed online format of 'FORM 1' along with the requisite documents is submitted herewith for grant ToRs. The monitoring will be conducted and thereafter the EIA Report will be prepared and submitted for grant of Environmental Clearance.
	Have you previously submitted Application online on MOEF Website.	Yes
	Date of online submission	15-02-2018
SEAC	DISCUSSION	ON ENVIRONMENTAL ASPECTS
Environmental Impacts of the project	Not Applicable	
Water Budget	Not Applicable	
Waste Water Treatment	Not Applicable	
Drainage pattern of the project	Not Applicable	
Ground water parameters	Not Applicable	
Solid Waste Management	Not Applicable	
Air Quality & Noise Level issues	Not Applicable	
Energy Management	Not Applicable	
Traffic circulation system and risk assessment	Not Applicable	
Landscape Plan	Not Applicable	
Disaster management system and risk assessment	Not Applicable	
Socioeconomic impact assessment	Not Applicable	
Environmental Management Plan	Not Applicable	
Any other issues related to environmental sustainability	Not Applicable	

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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 to submit certified copy of compliance of earlier EC No.J-11011/48/2005-IA (I) dated 05.04.2006 from Regional Office of MoEF&CC, Nagpur as per OM issued by MoEF&CC on 07/09/2017.

DECISION OF SEAC

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

PP to submit prefeasibility report for the proposed expansion.

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

Specific Conditions by SEAC:

- 1) PP to submit certificate of incorporation of the company, list of directors and memorandum of articles.
- 2) PP to submit lay out plan showing entry/exit gates, internal road width of six meters, turning radius of nine meters, location of pollution control equipment, parking areas, waste storage areas, 33% green belt, rain water harvesting etc.
- 3) PP to submit copy of Structural Stability Certificate of the structures exists on the site.
- **4)** PP to submit an undertaking for not having any eco sensitive area in the range of 5 KM from proposed project site PP to submit an undertaking for not violating any requirements of EIA Notification, 2006.
- **5)** PP to include detailed material balance charts for each product showing consumption of raw material, sources of pollution and mitigation measures to control the pollution and justified use of resources along with quantities in the EIA report.
- **6)** PP to carry out life cycle analysis of the activities carried out on site with respect to the sustainability index, green house and ozone depletion potential etc
- 7) PP to carry out HAZOP and Risk Assessment study and submit Disaster Management Plan.
- **8)** PP to submit hazardous chemical handling protocol.
- **9)** PP to submit drawings, cross sectional drawings of the manufacturing units, equipment layout plan along with report on adequacy of the existing space for the expansion activities.
- 10) PP to include highlights of chemistry involved in the process in the EIA report.
- 11) PP to submit detailed water balance calculations and include details of water conservation measure adopted in the EIA report.
- 12) PP to submit details of ETP design with respect to the design of units proposed for effluent treatment. PP to ensure ZLD for the effluent treatment.
- 13) PP to use solar power of administrative building and street lights.
- 14) PP to submit Form 2 along with EIA/EMP report as per OM issued by MoEF&CC on 20.04.2018.
- **15)** PP to submit their plan to utilize CER (Corporate Environment Responsibility) along with timelines as per OM issued by MoEF&CC dated 01.05.2018.

FINAL RECOMMENDATION

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

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151st Meeting of State Level Expert Appraisal Committee (SEAC-I)

SEAC Meeting number: 151st (Day-2) Meeting Date May 24, 2018

Subject: Environment Clearance for M/s. Mehta Anti-Biotics Private Limited, Plot No. D-7/2/2, MIDC Tarapur, District Palghar, Maharashtra

Is a Violation Case: No

Is a Violation Case: No					
1.Name of Project	New project of Manufacturing of active pharmaceutical ingredients (API) by M/s. Mehta Anti-Biotics Private Limited at Plot No. D-7/2/2, MIDC Tarapur, District Palghar, Maharashtra.				
2.Type of institution	Private				
3.Name of Project Proponent	M/s. Mehta Anti-Biotics Private Limited				
4.Name of Consultant	Goldfinch Engineering Systems Private Limited				
5.Type of project	Industrial - Manufacturing of API				
6.New project/expansion in existing project/modernization/diversification in existing project	New Project				
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	Not Applicable				
8.Location of the project	Plot No. D-7/2/2, MIDC Tarapur, Maharashtra				
9.Taluka	Palghar				
10.Village	Salwad				
Correspondence Name:	Mr. Chetan Mehta				
Room Number:	314				
Floor:	Not Applicable				
Building Name:	Janki centre				
Road/Street Name:	20 Shah Industrial Estate				
Locality:	Off Veera Desai Road				
City:	Andheri (W), 400053				
11.Area of the project	MIDC Tarapur				
	Not applicable				
12.IOD/IOA/Concession/Plan Approval Number	IOD/IOA/Concession/Plan Approval Number: Not applicable				
approvui rumboi	Approved Built-up Area: 6450				
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.)	6450.00 m2				
16.Deductions	Not applicable				
17.Net Plot area	Not applicable				
10 (a) Para de la Tilla de la CECLE	a) FSI area (sq. m.): Not applicable				
18 (a).Proposed Built-up Area (FSI & Non-FSI)	b) Non FSI area (sq. m.): Not applicable				
	c) Total BUA area (sq. m.): 6450				
10.41.4	Approved FSI area (sq. m.):				
18 (b).Approved Built up area as per DCR	Approved Non FSI area (sq. m.):				
	Date of Approval:				
19.Total ground coverage (m2)	Not applicable				
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	Not applicable				
21.Estimated cost of the project	20000000				
22.Num	ber of buildings & its configuration				

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Serial number	Buildin	g Name & number	Number of floors	Height of the building (Mtrs)		
1	N	lot applicable	Not applicable	Not applicable		
23.Number tenants an		Not applicable				
24.Number expected rusers	_	Not applicable				
25.Tenant per hectar		Not applicable				
26.Height building(s)						
27.Right of (Width of the from the notation to the proposed has been station to the from the first the fir	the road earest fire the	9 m.		08)		
28.Turning for easy ac fire tender movement around the excluding for the pla	from all building the width	Not applicable				
29.Existing structure (Not applicable	-00			
30.Details demolition disposal (I applicable)	with f	Not applicable				

31.Production Details

Serial Number	Product	Existing (MT/M)	Proposed (MT/M)	Total (MT/M)
1	AMOXAPINE	Not Applicable	05.00 (MT/Y)	05.00 (MT/Y)
2	AZITHROMYCIN DIHYDRATE	Not Applicable	50.00 (MT/Y)	50.00 (MT/Y)
3	AZITHROMYCIN	Not Applicable	80.00 (MT/Y)	80.00 (MT/Y)
4	CALAMINE	Not Applicable	40.00 (MT/Y)	40.00 (MT/Y)
5	CHLORHEXIDINE GLUCONATE	Not Applicable	30.00 (MT/Y)	30.00 (MT/Y)
6	CHLORAMPHENICOL	Not Applicable	50.00 (MT/Y)	50.00 (MT/Y)
7	CLARITHROMYCIN	Not Applicable	15.00 (MT/Y)	15.00 (MT/Y)
8	CHLORAMPHENICOL PALMITATE	Not Applicable	50.00 (MT/Y)	50.00 (MT/Y)
9	ERYTHROMYCIN BASE	Not Applicable	50.00 (MT/Y)	50.00 (MT/Y)
10	ERYTHROMYCINE ETHYL SUCCINATE	Not Applicable	20.00 (MT/Y)	20.00 (MT/Y)
11	ERYTHROMYCIN ESTOLATE	Not Applicable	30.00 (MT/Y)	30.00 (MT/Y)
12	ERYTHROMYCIN OXIME	Not Applicable	40.00 (MT/Y)	40.00 (MT/Y)



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14 GRANISETRON HYDROCHLORIDE Not Applicable 01.00 (MT/Y) 01					
14 HYDROCHLORIDE Not Applicable 01.00 (M1/Y) 01	0.00 (MT/Y)				
45	.00 (MT/Y)				
15 MELATONIN Not Applicable 05.00 (MT/Y) 05	.00 (MT/Y)				
16 MALEIC ACID Not Applicable 50.00 (MT/Y) 50	.00 (MT/Y)				
17 PROCHLORPERAZINE Not Applicable 03.00 (MT/Y) 03	.00 (MT/Y)				
18 PROCHLORPERAZINE Not Applicable 03.00 (MT/Y) 03	.00 (MT/Y)				
19 PROMETHAZINE Not Applicable 02.00 (MT/Y) 02	.00 (MT/Y)				
20 TOBRAMYCIN SULPHATE Not Applicable 05.00 (MT/Y) 05	.00 (MT/Y)				
21 TOLFENAMIC ACID Not Applicable 10.00 (MT/Y) 10	.00 (MT/Y)				
22 BAZEDOXIFENE Not Applicable 0.432 (MT/Y) 0.4	432 (MT/Y)				
23 Total Not Applicable 639.432 (MT/Y) 639	.432 (MT/Y)				
32.Total Water Requirement					
•	Not applicable				
Fresh water (CMD): Not applicable					
Recycled water - Flushing (CMD): Not applicable					
Recycled water - Not applicable	Not applicable				
Gardening (CMD):	Not applicable				
Gardening (CMD):					
Swimming pool Not applicable					
Swimming pool make up (Cum): Dry season: Total Water					
Dry season: Total Water Requirement (CMD) : Fire fighting - Underground water Not applicable Not applicable					





	C	AT 1 11 11
	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
	Excess treated water	Not applicable
Details of Swimming	Not applicable	

Details of Swimming pool (If any)

Not applicable

33.Details	of	Total	water	consumed
JJ.Detalis	UL	IUtai	water	COHSUME

Particula rs	Consumption (CMD)			Loss (CMD)			Effluent (CMD)		
Water Require ment	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total
Domestic	Not Applicable	03	03	Not Applicable	0.5	0.5	Not Applicable	2.5	2.5
Industrial Process	Not Applicable	16	16	Not Applicable	+ 5.3	+ 5.3	Not Applicable	21.3	21.3
Cooling tower & thermopa ck	Not Applicable	74	74	Not Applicable	58 (6 Steam Condensat e recycle)	58 (6 Steam Condensat e recycle)	Not Applicable	10	10
Gardening	Not Applicable	10	10	Not Applicable	10	10	Not Applicable	Not Applicable	Not Applicable
Fresh water requireme nt	Not Applicable	103	103	Not Applicable	69.2	69.2	Not Applicable	33.8	33.8
	A ()								

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		of the Ground r table:	5 to 10 m					
		and no of RWH (s) and tity:	1 tank of 30 m3					
	Locat tank(tion of the RWH	Near utility area					
34.Rain Water Harvesting	Quan pits:	tity of recharge	Nil					
(RWH)	Size o	of recharge pits	Not applicable as collected rain water will be reused.					
		etary allocation ital cost) :	6 lac.					
		etary allocation M cost) :	Rs. 1.20 lac./ annum					
	Detai if any	ils of UGT tanks	1 rainwater harvesting tank of 30 m3					
25.01		ral water age pattern:	Proposed within plot	0				
35.Storm water drainage	Quan water	tity of storm	Not applicable	2				
	Size	of SWD:	Not applicable					
	· · · · · ·							
	Sewa in KL	ge generation .D:	2.5					
	STP t	technology:	Combined treatment in Effluent Treatment Plant with Industrial waste water					
Sewage and	Capa (CMI	city of STP D):	Not Applicable					
Waste water	Location & area of the STP:		Not Applicable					
		etary allocation ital cost):	Not Applicable					
		etary allocation M cost):	Not Applicable					
			d waste Managen	nent				
Waste generation in	Wast	e generation:	Debris					
the Pre Construction and Construction phase:	_	osal of the truction waste is:	Excavated soil will be used for land filling.					
	Dry w	vaste:	• Discarded drums and containers = 800 nos/month sold to authorized dealers • Boiler Ash about 6.75 TPM • Polyethylene Bags = 1 TPA • Paper Bag = 0.5 TPA • Light density polyethylene bag = 0.5 TPA					
	Wet v	waste:	• MEE Solids = 140.688 TPA • Spent Carbon from ETP = 17.69 TPA • Chemical Sludge from ETP = 17.16 TPA • Carbon from process = 0.15 TPA • Waste from process (Chloro theophylline) = 0.06 TPA					
Waste generation in the operation Phase:	Haza	rdous waste:	• MEE Solids = 140.688 TPA • Spent Carbon from ETP = 17.69 TPA • Chemical Sludge from ETP = 17.16 TPA • Carbon from process = 0.15 TPA • Waste from process (Chloro theophylline) = 0.06 TPA					
		edical waste (If cable):	Not Applicable					
	STP S	Sludge (Dry je):	Not Applicable					
	Other	rs if any:	Not Applicable					
Abnay Pimparkar (Secre SEAC-I)		SEAC Meeting No	: 151st (Day-2) Meeting Date: May 24, 2018	Page 54 of 125	Dr. Umakant Dangat (Chairman SEAC-I)			
CLIIO I)		1	-1uy 21, 2010	UJ 123	(Chairman GLAC-1)			

	Dry waste:	MPCB authorized party for reuse				
	Wet waste:	CHWTSDF				
	Hazardous waste:	CHWTSDF				
Mode of Disposal of waste:	Biomedical waste (If applicable):	Not Applicable				
	STP Sludge (Dry sludge):	Not Applicable				
	Others if any:	Not Applicable				
	Location(s):	Plant Area, Raw material storage area, Finished Goods storage, Office Building, Utility area, Parking area, Hazardous waste storage, Open space & internal roads, ETP, MEE & RO, Green belt area				
Area requirement:	Area for the storage of waste & other material:	657 m2				
	Area for machinery:	570 m2				
Budgetary allocation (Capital cost and	Capital cost:	Included in capital cost				
O&M cost):	O & M cost:	Rs. 30.0 lacs./year				

37.Effluent Charecterestics

Serial Number	Parameters	Unit	Inlet Effluent Charecterestics	Outlet Effluent Charecterestics	Effluent discharge standards (MPCB)
1	A) Multi Effect Evaporator (MEE):	-			-
2	Parameters	Unit	Reject from RO	Inlet to MEE	Outlet from MEE
3	Flow	m3/day	13.1	14.3	32.9 (14.3+13.1+5.5)
4	pН		6 - 7	6 - 7	6 - 7
5	BOD3, 27°C	mg/L	80 - 100	40000 - 65000	80-100
6	COD	mg/L	600 - 700	100000 - 150000	200-250
7	TSS	mg/L	<100	<100	< 100
8	TDS	mg/L	7500 - 8000	10000 - 20000	< 100
9		7			
10	B) Effluent Treatment Plant (ETP):	١	-		
11	Parameters	Inlet to primary treatment	Inlet to secondary treatment	Inlet to tertiary treatment	Outlet from tertiary treatment
12	Flow (m3/day)	49.9 (32.9 + 17.0 Utility blowdown)	52.4 (49.9 + 2.5 Domestic)	52.4	52.4
13	рН	6-7	6-7	6-7	6-7
14	BOD3, 27°C (mg/l)	3200 - 3700	3000 - 3500	80 - 100	< 100
15	COD (mg/l)	77000 - 8000	7000 - 7500	300 - 350	< 250
16	TSS (mg/l)	50 - 100	50-100	50-100	< 100
17	TDS (mg/l)	1500 - 2000	1500 - 2000	1500 - 2000	1500 - 2000
18	-				



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19	C) Reverse Osmosis			-	_	_	
	(RO):	Unit Inlet to RO		t- DO	D		Dei 1
20	Parameters				Permeate 39.3		Reject
21	Flow	m3/day					13.1
22	pH			-8	·	-8	7-8
23	COD	mg/L		250		100	600 - 700
24	TDS	mg/L	1500	- 2000	<]	100	7500 - 8000
Amount of 6 (CMD):	effluent generation	33.8 CMD					
Capacity of	the ETP:	63.0 CMD					
Amount of trecycled:	created effluent	45.3 CMD					
Amount of v	water send to the CETP:	Not Applica	ble as this u	nit will be ru	ın as Zero Li	quid Dischar	rge (ZLD) Unit
Membershi	p of CETP (if require):	Not Applica	ble				90
Note on ET	P technology to be used	(MEE). Trea wastewater effluent will	ated effluent will also be	from MEE v treated in se O. Permeate	vill be mixed econdary as a	with utility combined t	lti Effect Evaporator blowdown. Domestic creatment. Treated t will be fed to MEE.
Disposal of	the ETP sludge	CHWTSDF				<u> </u>	
		38.Ha	zardous	Waste D	etails		
Serial Number	Description	Cat	UOM	Existing	Proposed	Total	Method of Disposal
1	Chemical Sludge from ETP	35.3	T/A	Not Applicable	17.16	17.16	CHWTSDF
2	MEE solids	35.3	T/A	Not Applicable	140.688	140.688	CHWTSDF
				~			
3	Spent Carbon from ETP	36.2	T/A	Not Applicable	17.69	17.69	CHWTSDF
3		36.2	T/A		17.69 0.15	17.69 0.15	CHWTSDF CHWTSDF
	ETP			Applicable Not			
4	ETP Carbon from process Waste from process	28.3	T/A	Applicable Not Applicable Not	0.15	0.15	CHWTSDF
4 5	ETP Carbon from process Waste from process (Chloro theophylline) Discarded drums and	28.3	T/A	Applicable Not Applicable Not Applicable Not	0.15	0.15	CHWTSDF CHWTSDF MPCB authorized
4 5 6	ETP Carbon from process Waste from process (Chloro theophylline) Discarded drums and containers	28.3 28.1 33.1	T/A T/A Nos./m	Not Applicable Not Applicable Not Applicable Not Applicable Not	0.15 0.06 800.0	0.15 0.06 800.0	CHWTSDF CHWTSDF MPCB authorized party for reuse Sale to authorized
4 5 6 7	ETP Carbon from process Waste from process (Chloro theophylline) Discarded drums and containers Polyethylene Bags	28.3 28.1 33.1 33.1	T/A T/A Nos./m T/A	Not Applicable Not Applicable Not Applicable Not Applicable Not	0.15 0.06 800.0	0.15 0.06 800.0	CHWTSDF CHWTSDF MPCB authorized party for reuse Sale to authorized
4 5 6 7 8	ETP Carbon from process Waste from process (Chloro theophylline) Discarded drums and containers Polyethylene Bags Non-Hazardous Waste	28.3 28.1 33.1 33.1	T/A T/A Nos./m T/A	Not Applicable Not Applicable Not Applicable Not Applicable Not Not	0.15 0.06 800.0 1	0.15 0.06 800.0 1	CHWTSDF CHWTSDF MPCB authorized party for reuse Sale to authorized party Send to brick
4 5 6 7 8 9	ETP Carbon from process Waste from process (Chloro theophylline) Discarded drums and containers Polyethylene Bags Non-Hazardous Waste Boiler ash	28.3 28.1 33.1 33.1	T/A T/A Nos./m T/A T/M	Not Applicable Not Applicable Not Applicable Not Applicable Not Applicable Not Applicable Not Applicable Not Applicable	0.15 0.06 800.0 1 6.75	0.15 0.06 800.0 1 6.75	CHWTSDF CHWTSDF MPCB authorized party for reuse Sale to authorized party Send to brick manufacturer Sale to authorized
4 5 6 7 8 9	ETP Carbon from process Waste from process (Chloro theophylline) Discarded drums and containers Polyethylene Bags Non-Hazardous Waste Boiler ash Paper Bag Light density	28.3 28.1 33.1 33.1	T/A T/A Nos./m T/A T/M T/A	Applicable Not Applicable Not Applicable Not Applicable Not Applicable In the second of the second	0.15 0.06 800.0 1 6.75 0.5	0.15 0.06 800.0 1 6.75 0.5	CHWTSDF CHWTSDF MPCB authorized party for reuse Sale to authorized party Send to brick manufacturer Sale to authorized party Sale to authorized
4 5 6 7 8 9 10	ETP Carbon from process Waste from process (Chloro theophylline) Discarded drums and containers Polyethylene Bags Non-Hazardous Waste Boiler ash Paper Bag Light density polyethylene bag	28.3 28.1 33.1 	T/A T/A Nos./m T/A T/M T/A T/A	Applicable Not Applicable Not Applicable Not Applicable Not Applicable In the second of the second	0.15 0.06 800.0 1 6.75 0.5	0.15 0.06 800.0 1 6.75 0.5	CHWTSDF CHWTSDF MPCB authorized party for reuse Sale to authorized party Send to brick manufacturer Sale to authorized party Sale to authorized party Sale to authorized party



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Serial Number	Section	& units	Fu		ed with ntity	Stack	« No.	Height from ground level (m)	Intern diamet (m)		Temp. of Exhause Gases
1	,	.8 TPH - 2 os.)			4.5 T/D or Oil 1.0T/D	0 Com	_	30 m.	1.2 m	1	1350C
2	1	250 KVA & KVA)	Н	SD, 16	0 lit./hr.	0 Com	_	6.5 m.	0.15 n	1.	1400C
			40).De	tails of I	Tuel 1	to be	e used			
Serial Number	Туј	pe of Fuel			Existing			Proposed			Total
1	В	Briquette		N	lot Applicab	le		4.5 T/D			4.5 T/D
2	Fu	ırnace Oil		N	lot Applicab	le		1.0 T/D			1.0 T/D
3		HSD		N	lot Applicab	le		160 lit./hr.			160 lit./hr.
41.Source o	of Fuel			Local							
42.Mode of	Transportat	tion of fuel to	site	By Ro	oad						
)	
		Total RG a	rea :		2130.00 m ²	2					
		No of trees	to be	cut	cut Trees are not available at project side						
		Number of be planted		350.00 nos.							
43.Green Belt Development List of propose native trees:			Terminaliaarjuna (Arjun), Bauhinia racemosa(Apta), Ficusbenghalensis(Vad), Ficusreligiosa(Pimpal), Polyalthialongifolia(Ashok), Azadirachtaindica(Kaduneem), Cassifistula (Bahava), Neolamarckiacadamba(Kadamb), Teminaliatomentosa(Ain), Lagerstroemia speciosa(Taman), Bougainvillea spectabilis(Bouganvel), Lantana camara(Ghaneri), Calatropisgigentia(Rui), Hibiscus rosasinensis(Jaswand), Neriumindicum(Kanher)					duneem), Cassia (Taman),			
					Neriumind				sasınens	is(Jas	
		Timeline for completion plantation	of :		5 Years.	cum(K	anher)			wand),
	44.Nu	completion	of :	of t	5 Years.	cum(K	anher)			wand),
Serial Number		completion plantation	of : list		5 Years.	cum(K	to b)	d in th	ı e g ı	wand),
	Name of	completion plantation mber and	of : list		5 Years. rees spe n Name	cum(K	to b	e planted	d in th	e gracter	wand), round ristics & ecological
Number	Name of	completion plantation mber and the plant	of : list	ommo	5 Years. rees spe n Name	cum(K	to b	e planted ntity	d in th	e gracter	wand), round ristics & ecologica nportance resistant and Native
Number 1	Name of Termina Bauhinia	completion plantation mber and the plant lia arjuna	of : list	ommo Arj	5 Years. rees spe n Name jun ota	cum(K	to be	e planted ntity 5	d in th Char Pollu Pollu	e gracter in tion r	round ristics & ecologica nportance resistant and Native
Number 1 2	Name of Termina Bauhinia Ficus ber	completion plantation mber and the plant lia arjuna racemosa	of : list	Arj Ap Va	5 Years. rees spe n Name jun ota	cum(K	to be Quar	e planted ntity 5	d in the Character Pollu Pollu Pollu	e gracter in tion ration ratio	round ristics & ecological resistant and Native resistant and Native resistant and Native
1 2 3	Name of Termina Bauhinia Ficus ber	completion plantation mber and the plant lia arjuna racemosa nghalensis	of : list	Arj Ap Va Pim	5 Years. rees spe n Name jun ota	cum(K	to be Quar	e planted ntity 5 0 0	d in the Character Pollu Pollu Pollu Pollu	e gracter in tion ration ratio	round ristics & ecological resistant and Native resistant and Native resistant and Native
1 2 3 4	Name of Termina Bauhinia Ficus ber Ficus r	completion plantation mber and the plant lia arjuna racemosa nghalensis religiosa	of : list	Arj Ap Va Pim Ash	5 Years. rees spe n Name iun ota ad	cum(K	to be Quar 2 2 2 3	e planted ntity 5 0 0 0	Pollu Pollu Pollu Pollu Pollu Pollu	acter in tion ration ra	round ristics & ecologica protance resistant and Native resistant and Native resistant and Native resistant and Native
1 2 3 4 5 5	Name of Termina Bauhinia Ficus ber Ficus r Polyalthia Azadirac	completion plantation mber and the plant lia arjuna racemosa anghalensis religiosa a longifolia	of : list	Arj Ap Va Pim Ash	5 Years. rees specific in Name for the specif	cum(K	to be Quar 2 2 2 3 3 2 2 2	e planted ntity 5 0 0 0	Pollu Pollu Pollu Pollu Pollu Pollu Pollu Pollu	acter in tion ration ra	wand), round ristics & ecological nportance
1 2 3 4 5 6	Name of Termina Bauhinia Ficus ber Ficus r Polyalthia Azadirac Cassia	completion plantation mber and the plant lia arjuna racemosa nghalensis teligiosa a longifolia tha indica	of : list	Arj Arj Va Pim Ash Kadu	5 Years. rees spe n Name jun ota ad apal anok neem aava	cum(K	to be Quar 2 2 2 3 3 2 2 2	e planted ntity 5 0 0 0 0 5 0	Pollu Pollu Pollu Pollu Pollu Pollu Pollu Pollu	tion ration rati	round ristics & ecologica resistant and Native



10

11

Lagerstroemia

speciosa Bougainvillea

spectabilis

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Taman

Bouganvel

30

25

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Signature:

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Dr. Umakant Dangat

(Chairman SEAC-I)

Pollution resistant and Native

Pollution resistant and Native

12	Lantana	camara	Gha	neri		20	Pollution resistant and Native	
13	Calatropi	s gigentia	R	ui		25	Pollution resistant and Native	
14	Hibiscus r	osasinensis	osasinensis Jaswand			20	Pollution resistant and Native	
15	Nerium	indicum	Kan	her	:	20	Pollution resistant and Native	
45	.Total qua	ntity of plants on	groui	ıd				
46.Nun	nber and	list of shrub	s an	d bushes	species	s to be pla	anted in the podium RG:	
Serial Number		Name		C/C Dista	C/C Distance Area m2			
1	Not	Applicable		Not Applic	able		Not Applicable	
				47.Er	ergy			
		Source of power supply:	,	MSEDCL				
		During Construction Phase: (Demand Load)		100 KW			200	
		DG set as Power back-up during construction ph		Not Applica	ble		0	
During Operation phase (Connected load):				1000 KVA				
require		During Operation phase (Demand load):	on	950 KVA				
		Transformer:		1000 KVA				
		DG set as Power back-up during operation phase		500 KVA (1 no.) & 250 KVA (1 no.)				
		Fuel used:	_^	HSD				
		Details of high tension line pas through the plotany:		No high tension line is passing through the plot				
		48.Energy	savi	ng by noi	n-conve	ntional m	ethod:	
NIL								
	1	49.De	tail	calculati	ons & %	of saving	η:	
Serial Number	E	nergy Conservati					Saving %	
1	57	Not Applic	able				Not Applicable	
		50.Det	ails	of polluti	ion cont	rol Syste	ms	
Source	Ex	isting pollution o					posed to be installed	
Air		Not Applic			Stac		height, multiple cyclone separators	
Water		Not Applic				1	MEE, ETP & RO	
Noise		Not Applic				Acous	tic enclosure for DG set	
Solid Waste	Not Applicable				Di	sposal to CHWTSDF		



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

Not Applicable

Not Applicable

51. Environmental Management plan Budgetary Allocation

a) Construction phase (with Break-up):

Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)
1	Dust	Air Pollution	1.0
2	Debris	Solid Waste	1.0
3	Construction motor	Noise Pollution	0.5

b) Operation Phase (with Break-up):

, F 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1								
Serial Number	Component	Description	Capital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)				
1	Air pollution control	Provision of stacks of height as per CPCB, multiple cyclone separators	20.0	1.2				
2	Water pollution control	MEE, ETP & RO operation cost, Rain water harvesting	200.00	136.00				
3	Noise pollution Control	Acoustic enclosure/Anti vibration pads	Already included in capital cost of project	Already included in capital cost of project				
4	Environment Monitoring budget	Environment Monitoring	.	36.00				
5	Occupational health care	Medical checkup, Health insurance policy, Medical staff charges, First aid facilities consumables, Control of fugitive emissions	5.0	1.0				
6	Hazardous waste Storage & disposal	Storage, Transportation and disposal	45.0	30.0				
7	Green belt	Development & Maintenance	3.0	1.2				
8	Total		273.0	205.4				

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
Methanol	liquid	Near ETP area	10.0	10.0	15166	Local	Road
Acetone	liquid	Near ETP area	10.0	10.0	10833	Local	Road
Methylene di chloride	liquid	Near ETP area	10.0	10.0	10000	Local	Road
Isopropyl alcohol	liquid	Near ETP area	10.0	5.0	14583	Local	Road



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Ethyl acetate	liquid	liquid Near ETP are		10.0	2.0	1666	Local	Road			
Triethyl amine	liquid	Near ETP area		0.2	0.4	700	Local	Road			
Propionic anhydride	liquid	Near ETP a	area	0.2	0.5	650	Local	Road			
Formaldehyde	liquid	Near ETP a	area	0.05	0.4	1083	Local	Road			
Formic acid	liquid	Near ETP a	area	0.35	0.5	1500	Local	Road			
Caustic soda	solid	Near ETP a	area	0.05	0.5	1483	Local	Road			
Dimethyl formamide	liquid	Near ETP a	area	0.18	5.0	9250	Local	Road			
Pyridine	liquid	Near ETP a	area	0.225	1.0	1550	Local	Road			
		52.A	ny Ot	her Info	rmation	1					
No Information Availa	ble										
		53.	Traffi	c Manag	gement						
	to the m design of confluen	nce:	Not ap	plicable			08)	Y			
	Number baseme	and area of nt:	Not ap	plicable)				
	Number podia:	Number and area of podia:		Not applicable							
	Total Pa	Total Parking area:		769m2							
	Area pe	r car:	Not applicable								
	Area pe	r car:	Not ap	plicable		/					
Parking details:	Number Wheeler approve compete authorit	rs as d by ent	Not applicable								
	Number Wheeler approve compete authorit	of 4- es as d by ent ey:	Not applicable								
	Public T	ransport:	Not ap	plicable							
	Width o roads (n	f all Internal n):	6m								
	CRZ/ RF obtain,	RZ clearance if any:	Not ap	plicable							
659	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries			No Protected area within 10 km radius circle.							
	schedul	y as per e of EIA tion sheet	5(f) B1								
	Court ca	ases pending	Not Ap	plicable							



if any

Other Relevant

Informations

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MoEFCC portal.



Due to MoEFCC login problem unable to submit the application on

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

Have you previously submitted Application online on MOEF Website.	No			
Date of online submission	-			
SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS				

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

Brief information of the project by SEAC

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

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

DECISION OF SEAC



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Name: Dr. Umakant Gangatrao Dangat Dr. Umakant Dangat

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

PP to submit prefeasibility report for the proposed project.

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

Specific Conditions by SEAC:

- 1) PP to submit certificate of incorporation of the company, list of directors and memorandum of articles.
- 2) PP to submit lay out plan showing entry/exit gates, internal road width of six meters, turning radius of nine meters, location of pollution control equipment, parking areas, waste storage areas, 33% green belt, rain water harvesting etc.
- 3) PP to submit copy of Structural Stability Certificate for the structures exists on the site.
- **4)** PP to include existing structure demolition plan in the EIA report along with details of disposal/reuse of demolished material.
- **5)** PP to submit an undertaking for not having any eco sensitive area in the range of 5 KM from proposed project site. PP to submit an undertaking for not violating any requirements of EIA Notification, 2006.
- **6)** PP to include detailed material balance charts for each product showing consumption of raw material, sources of pollution and mitigation measures to control the pollution and justified use of resources along with quantities in the EIA report.
- 7) PP to carry out life cycle analysis of the activities carried out on site with respect to the sustainability index, green house and ozone depletion potential etc
- 8) PP to carry out HAZOP and Risk Assessment study and submit Disaster Management Plan.
- **9)** PP to submit hazardous chemical handling protocol.
- **10)** PP to include highlights of chemistry involved in the process in the EIA report.
- 11) PP to submit detailed water balance calculations and include details of water conservation measure adopted in the EIA report.
- 12) PP to submit details of ETP design with respect to the design of units proposed for effluent treatment. PP to ensure ZLD for the effluent treatment.
- 13) PP to use solar power for administrative building and street lights.
- 14) PP to submit Form 2 along with EIA/EMP report as per QM issued by MoEF&CC on 20.04.2018.
- **15)** PP to submit their plan to utilize CER (Corporate Environment Responsibility) along with timelines as per OM issued by MoEF&CC dated 01.05.2018.

FINAL RECOMMENDATION

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

Abhay Pimparkar (Secretary

SEAC-I)

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Dr. Umakant Dangat

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151st Meeting of State Level Expert Appraisal Committee (SEAC-I)

SEAC Meeting number: 151st (Day-2) Meeting Date May 24, 2018

Subject: Environment Clearance for Environment Clearance for change in product mix project for Manufacturing of Dye Intermediates and Specialty Chemicals under category 5 (f) by M/s. Abhideep Chemicals Pvt. Ltd. at Plot No. A-2, MIDC Area, Ghuggus Road, Chichala, Dist. Chandrapur, Maharashtra 442406

Is a Violation Case: Yes

is a violation Case: 1es						
1.Name of Project	Change in product mix project for manufacturing of Dye Intermediates and Specialty Chemicals at Plot No. A-2, MIDC Area, Ghuggus Road, Chichala, Dist. Chandrapur, Maharashtra 442406					
2.Type of institution	Private					
3.Name of Project Proponent	M/s. Abhideep Chemicals Pvt. Ltd.					
4.Name of Consultant	Goldfinch Engineering Systems Private Limited					
5.Type of project	Industrial- Manufacturing of Dye Intermediates specialty chemicals					
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	No					
8.Location of the project	Plot No. A-2, MIDC Area, Ghuggus Road, Padoli, Dist. Chandrapur Maharashtra 442406					
9.Taluka	Chandrapur					
10.Village	Padoli					
Correspondence Name:	Mr. Abhijeet B. Birewar					
Room Number:	503					
Floor:						
Building Name:	Keshava					
Road/Street Name:	Bandra Kurla Complex					
Locality:	Bandra East					
City:	Mumbai					
11.Area of the project	MIDC					
	Not Applicable					
12.IOD/IOA/Concession/Plan Approval Number	IOD/IOA/Concession/Plan Approval Number: Not Applicable					
Tr. Control of the co	Approved Built-up Area: 15208					
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.)	15208					
16.Deductions	Not applicable					
17.Net Plot area	15208					
10 (a) Buon and Built A. (FOL 6	a) FSI area (sq. m.): Not applicable					
18 (a).Proposed Built-up Area (FSI & Non-FSI)	b) Non FSI area (sq. m.): Not applicable					
	c) Total BUA area (sq. m.): 15208					
10 (1) 4 1 D	Approved FSI area (sq. m.): Not applicable					
18 (b).Approved Built up area as per DCR	Approved Non FSI area (sq. m.): Not applicable					
	Date of Approval: 18-04-2018					
19.Total ground coverage (m2)	3636.36					
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	24%					
21.Estimated cost of the project	132500000					
22 Nium]	har of huildings & its configuration					

22. Number of buildings & its configuration

Abhay Pimparkar (Secretary SEAC-I)

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Dr. Umakant Dangat

(Chairman SEAC-I)

Serial number	Buildin	g Name & number	Number of floors	Height of the building (Mtrs)			
1	N	Vot applicable	Not applicable	Not applicable			
23.Number tenants an	-	Not applicable					
24.Number expected rusers	-	Not applicable					
25.Tenant per hectar		Not applicable					
26.Height building(s)							
station to	the road earest fire	9 m		08)			
28. Turning for easy ac fire tender movement around the excluding for the pla	ccess of from all building the width	9 m					
29.Existing structure (Manufacturing building workshop.	, administration, raw material and fi	nished goods storage,maintenance			
30.Details demolition disposal (I applicable)	n with If	Not applicable					

31.Production Details

	31.11datotion Dotails									
Serial Number	Product	Existing (MT/M)	Proposed (MT/M)	Total (MT/M)						
1	Beta Oxy Naphthoie (Bon) Acid	100	00	100						
2	Pamoic Acid	7.5	00	7.5						
3	Di-Sodium Pamoate	4.17	00	4.17						
4	BNSA (Pure)	8.33	00	8.33						
5	1-Hyrdoxy-2-Naphthoic Acid	4.17	00	4.17						
6	1-Hydroxy-2-Naphthoic Acid-Phenyl Ester	2.5	00	2.5						
7	1-Naphthalene Acetic Acid	2.0	00	2.0						
8	1-Naphthalene Acetamide	2.0	00	2.0						
9	Methyl Phenyl Hydantoin	40	00	40						
10	OR									
11	m-PhenoxyBenzaldehyde	184	00	184						
12	OR									
13	Beta Naphthol	184	00	184						
14	OR									
15	1,3-Dibromo-5-methyl-5 phenyl hydantoin		00							



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16	2.2 B	Siphenol			00			
		nino 4-Methyl						
17		nenol			00			
18	p-Phenyl	eneDiamine			00			
19	m-Hyrdoxya	cetonphenone			00			
20		outane tetra xylic acid			00			
21		phenyl acetic acid			00			
22	3-Chloro 2-l	Methyl Anisole			00			
23	В	inol			00			
24		-Bis(4-Hydroxy hthalinidine			00			
25		6-Naphthoic acid			00	9-7		
26		ne Carboxylic w Product)			00	-		
27	Т	'otal		184	00	184		
28	manufactu either one of combination products manufactur	We shall re 184 MT/M of the product nation of the s. The total e quantity will d 184 MT/M			0000			
29		roduct						
30		Tar		13.57	00	13.57		
31	Sodium	Bisulphite		00	51.2	51.2		
32		n Chloride		00	34.8	34.8		
33	Me	thanol		00	34	34		
34	Т	'otal		13.57	120	133.57		
		32	.Tota	l Water	Requirement			
		Source of wa	ter	Not applicabl	е			
		Fresh water (CMD):	Not applicabl	е			
		Recycled wat Flushing (CM		Not applicabl	e			
	^	Recycled wat Gardening (C		Not applicable				
	CY	Swimming po make up (Cur		Not applicabl	e			
Dry seaso	n:	Total Water Requirement	(CMD)	Not applicabl	e			
		Fire fighting Underground tank(CMD):		Not applicabl	e			
		Fire fighting Overhead wat tank(CMD):		Not applicabl	e			
		Excess treate	d water	Not applicabl	e			
Dry season	n:	Requirement: Fire fighting Underground tank(CMD): Fire fighting Overhead wat tank(CMD):	- water - ter	Not applicabl	e e			



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	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
	Excess treated water	Not applicable
Details of Swimming pool (If any)	Not applicable	

33.Details of Total water consumed

Particula rs	Const	umption (CM	D)	Loss (CMD)			Effluent (CMD)		
Water Require ment	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total
Domestic	12	0	12	3	0	3	9	0	9
Industrial Process	83.5	0	83.5	9	0	9	74.5	0	74.5
Cooling tower & thermopa ck	117.5	0	117.5	92.5	0	92.5	25	0	25
Fresh water requireme nt	213	0	213	104.5	0	104.5	108.5	0	108.5



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	Level of the Ground water table:	10-15 m below ground level				
	Size and no of RWH tank(s) and Quantity:	We propose 5 m3 collection tank for roof top rain water rain water harvesting.				
	Location of the RWH tank(s):	Near Office Building				
34.Rain Water Harvesting	Quantity of recharge pits:	Nil				
(RWH)	Size of recharge pits :	Not applicable as collected rain water will be reused.				
	Budgetary allocation (Capital cost) :	3lac.				
	Budgetary allocation (O & M cost):	Rs. 0.4lac./annum				
	Details of UGT tanks if any :	No underground tank. Only roof top water collection facility will be provided.				
25.01	Natural water drainage pattern:	Available at site.				
35.Storm water drainage	Quantity of storm water:	Not Applicable				
	Size of SWD:	Not Applicable				
	Sewage generation in KLD:	9 CMD				
	STP technology:	9 CMD will be send to sister concern M/s. Multi Organics, for treatment through proposed STP				
Sewage and	Capacity of STP (CMD):	Not Applicable				
Waste water	Location & area of the STP:	Not Applicable				
	Budgetary allocation (Capital cost):	Not Applicable				
	Budgetary allocation (O & M cost):	Not Applicable				
	36.Solie	d waste Management				
Waste generation in	Waste generation:	Not Applicable				
the Pre Construction and Construction phase:	Disposal of the construction waste debris:	Not Applicable				
	Dry waste:	Coal Ash 720 TPA				
	Wet waste:	Not Applicable				
Mosto garanti-	Hazardous waste:	Spent Oil 200 Lit/A				
Waste generation in the operation Phase:	Biomedical waste (If applicable):	Not Applicable				
1 11430	STP Sludge (Dry sludge):	Not Applicable				
	Others if any:	Not Applicable				



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		Dry waste:		Sold to bric	k manufactu	ırer.				
Wet v Haza Mode of Disposal Biom		Wet waste		Not Applicable						
		Hazardous	waste:	Sold to Authorized Recycler						
		Biomedica applicable			Not Applicable					
	STP Slu sludge):		e (Dry	Not Applica	ıble					
		Others if a	ny:	Not Applica	ble					
A		Location(s):					w material and finished nternal roads &Green		
Area requirem	ent:	Area for the of waste & material:		Raw materi	al/ Finished	Good Storag	re Area -152	6.44 Sq.m		
		Area for m	achinery:	1252.73 sq.	m.					
	allocation	Capital co	st:	Included in	total capital	cost				
(Capital co O&M cost)		O & M cos	t:	Rs. 3 lacs./y	vear					
			37.Ef	fluent Cl	harecter	estics _				
Serial Number	Paran	neters	Unit	Inlet E Charect			Effluent erestics	Effluent discharge standards (MPCB)		
1	P	Н		8.0 - 9.5		Not Applicable as project is ZLD		Not Applicable as project is ZLD		
2	2 COD M		Mg/Lit.	4000		Not Applicable as project is ZLD		Not Applicable as project is ZLD		
3	BOD (3 day	OD (3 days at 27 OC) Mg/Lit.		1800		Not Applicable as project is ZLD		Not Applicable as project is ZLD		
4	TS	SS	Mg/Lit.	300		Not Applicable as project is ZLD		Not Applicable as project is ZLD		
5	Oil & (Grease	Mg/Lit.	/Lit. 10 Not Applicable as project is ZLD Not Applicable as project is ZLD						
Amount of e	effluent gene	eration	Industrial - 99.5 CMD Domestic - 9 CMD							
Capacity of	the ETP:		Trade effluent will be sent to sister concern for treatment M/s. Multi Organics, for treatment through proposed ETP100 CMD.							
Amount of trecycled:	reated efflue	ent	99.5 CMD							
Amount of v	water send to	the CETP:	Not Applicable							
Membershi	p of CETP (if	require):	Not Applica	able						
			Liquid Effluent - High TDS & high COD Stream from process is being sent to MEE. Blowdown from utilities, floor washing etc. is being treated in full-fledged ETP plant. The treated effluent is sent to RO for further treatment. This project is run on completely Zero Liquid Discharge (ZLD) basis							
Disposal of	the ETP sluc	lge	Not Applica	able						
			38.Ha	zardous	Waste D	etails				
Serial Number	Descr	iption	Cat	UOM	Existing	Proposed	Total	Method of Disposal		
1	Sper	nt oil	5.1	Ltr/A	200	0	200	Sale to authorized recycler		
2	Non-Hazar	dous Waste	-	-	-	-	-	-		





3	Boile	er Ash	-	(MT/A)	720	0	0	720	Sale to Brick Manufacturer
			39.	Stacks em	issio	n De	etails		
Serial Number	Section	& units		Used with nantity	Stack	No.	Height from ground level (m)	Internal diameter (m)	Temp. of Exhaust Gases
1		- 2 TPH , Stand By)	Coal	- 7.2 TPD	1		27 m from ground	0.65	125 0C
2		2.5 TPH sting)	Coal	- 9.6 TPD	1		27 m from ground	0.65	125 OC
3		oack 6 lac (Existing)	Coal	- 2.4 TPD	1		16 m from ground	0.55	1250C
4		250 KVA sting)	HSD	- 53 lit./hr	1		3.5 m above enclosure	0.15	140 0C
			40. D	etails of l	Fuel t	o be	used		9
Serial Number	Туј	pe of Fuel		Existing			Proposed	0	Total
1		Coal		19.2 TPD		N	lot Applicabl	.e	19.2 TPD
2		HSD		53 Ltr/hr		N	ot Applicabl	е	53 Ltr/hr
41.Source o	of Fuel		Loc	cal					
42.Mode of Transportation of fuel to site By Road									
		Total RG a	rea :	5024 sq.m.					
No of trees to be:			s to be cu	to be cut Nil					
		Number of be planted		I blind i nos					
43.Green Belt Development List of propose native trees:			fistula (Bahava), Neolamarckiao Teminaliatomentosa(Ain), Lage				ligiosa(Pimpal), lirachtaindica(Kaduneem), Cassia adamba(Kadamb), stroemia speciosa(Taman), nvel), Lantana camara(Ghaneri),		
	Ţ,	Timeline for completion plantation	ı of	5 years					
	44.Nu	mber and	l list of	trees spe	cies t	to b	e plante	d in the	ground
Serial Number	Name of	the plant	Comn	non Name		Quai	ntity		eristics & ecological importance
1	Termina	liaarjuna	-	Arjun		7	5	Pollution	resistant and Native
2	Bauhinia	racemosa		Apta		2	0	Pollution	resistant and Native
3	Ficusben	ighalensis		Vad		2	0	Pollution resistant and NativePollution resistant and Native	
4		eligiosa		impal		7	5		resistant and Native
	D 1 1:1:	1 10 11		\ -11-		20 Pollution resistant and Nati			1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
5 6		alongifolia htaindica		Ashok duneem		2			resistant and Native

agreeness; Abhay Pimparkar (Secretary SEAC-I)

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7	Cassia	fictulo	Dob	10170	2	n Pollution	resistant and Native
-	Cassia fistula		Bahava Kadamb				
8	Neolamarckiacadamba Kadar Teminaliatomentosa Ain			7		resistant and Native	
9			A	111	2	Pollution i	resistant and Native
10		ciosa	Tar	nan	3	O Pollution	resistant and Native
11		nvillea abilis	Boug	anvel	2	5 Pollution	resistant and Native
12	Lantana	camara	Gha	neri	2	O Pollution	resistant and Native
13	Calatropi	sgigentia	R	ui	2	5 Pollution	resistant and Native
14	Hibiscus ro	osasinensis	Jasv	vand	2	5 Pollution	resistant and Native
15	Nerium	indicum	Kar	nher	2	O Pollution	resistant and Native
45	.Total quai	ntity of plants or	n grou	nd			A
46.Num	ber and	list of shrul	bs an	d bushes	species	to be planted in t	he podium RG:
Serial Number		Name		C/C Distanc	ce	Area	m2
1	Not	applicable		Not applicab	ole	Not appl	licable
			·	47.En	ergy	9	
		Source of power supply:	er	MSEDCL		-0	
		During Construction Phase: (Demand Load)		Not Applicable			
		DG set as Power back-up during construction phase		Not Applicable			
		During Operation phase (Connected load):		496 KW			
Pov require	_	During Operation phase (Demand load):		335 KW			
		Transformer:		500 KVA			
		DG set as Power back-up during operation phase:		1 DG set- 250 KVA			
		Fuel used:		HSD			
	S	Details of high tension line pa through the plo any:	ssing	No high tensi	on lines ar	e passing through the plo	t
		48.Energy	savi	ng by non-	-conven	tional method:	
Nil		31					
		49.D	etail	calculatio	ns & %	of saving:	
Serial Number	E	nergy Conserva	tion M	easures			
1	Not applicable					Not applica	ble
		50.De	tails	of pollutio	n conti	rol Systems	



Source

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Existing pollution control system

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Proposed to be installed

Air	Multiple cy	clone and dust collector of adequate height		Multiple cyclone and dust collector followed by stack of adequate height.				
Water	MEE, ETP & RO			MEE, ETP & RO				
Noise		Acoustic enclosure for I	OG set	Acoustic enclosure for DG set				
Solid Waste		Sale to authorized rec	ycler	Sale to authorized recycler				
	allocation	Capital cost:	Not applicable					
-	cost and cost):	O & M cost:	Not applicable					
51	51.Environmental Management plan Budgetary Allocation							
	a) Construction phase (with Break-up):							

Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)
1	Not Applicable	Not Applicable	Not Applicable

b) Operation Phase (with Break-up):

Multi cyclone and dust collector followed by	5
1 Air pollution control stack is provided. Scrubbers Provided.	
2 Water pollution Single effect evaporator	6
Noise pollution Acoustic encl./ Ant vibration pads	2 1
Medical checkup, Health insurance policy, Medical staff charges, First aid facilities, consumables, In-house first aid room, Other infrastructure and Equipment	1
5 Environmental Environmental Monitoring Budget Monitoring 2	1
6 Hazardous waste Storage & disposal - 3	1
7 Green belt - 2	0.5
8 Total - 98	3 16.5

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

Description	Status	Location	Storage Capacity in MT	Maximum Quantity of Storage at any point of time in MT	Consumption / Month in MT	Source of Supply	Means of transportation
Alpha Naphthol	Solid	RM Storage	0.15	0.15	4.17	Local	By Road



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Alpha Naphthalene Acetic Acid	Solid	RM Storage	0.5	0.5	2.67	Local	By Road
Ammonia	Liquid	RM Storage	0.05	0.05	0.267	Local	By Road
Ammonium Carbonate	Solid	RM Storage	5.0	5.0	26.8	Local	By Road
Acetophenone	Liquid	RM Storage	6.0	6.0	30.8	Local	By Road
AON Acid	Solid	RM Storage	1.5	1.5	7.5	Local	By Road
Beta Naphthol	Solid	RM Storage	4.5	4.5	135	Local	By Road
BON Acid	Solid	RM Storage	0.15	0.15	4.17	Local	By Road
Carbon Dioxode	Gas	RM Storage	1.4	1.4	42	Local	By Road
Caustic Soda Flakes / lye	solid/ Liquid	RM Storage	20	20	185	Local	By Road
Ethanol	Liquid	RM Storage	200 lit	200 lit	0.93	Local	By Road
Di Iso Propyl Ether	Liquid	RM Storage	200 lit	200 lit	0.6	Local	By Road
DSP	Solid	RM Storage	0.5	0.5	9	Local	By Road
Formaldehyde	Solid	RM Storage	0.5	0.5	1.45	Local	By Road
Methanol	Liquid	RM Storage	2500 lit	2500 lit	16	Local	By Road
Mono Chloro Acetic Acid	Liquid	RM Storage	400 lit	400 lit	1.56	Local	By Road
Naphthalene	Solid	RM Storage	8.0	8.0	230	Local	By Road
Phenol	Solid	RM Storage	12.0	12.0	64	Local	By Road
Sodium Cyanide	Solid	RM Storage	4.0	4.0	12.8	Local	By Road
Sodium Hypo Chlorite	Liquid	RM Storage	0.4	0.4	2.4	Local	By Road
Sulfuric Acid	Liquid	RM Storage	25	25	224.5	Local	By Road
Technical BNSA	Solid	RM Storage	0.6	0.6	16.66	Local	By Road
Thionyl Chloride	Liquid	RM Storage	6.0	6.0	64.4	Local	By Road
Toluene	Liquid	RM Storage	200 lit	200 lit	0.7	Local	By Road
n-Ethyl o-toluedine	Liquid	RM Storage	1.0	1.0	7.35	Local	By Road
p-Nitro Aniline	Liquid	RM Storage	1.0	1.0	7.25	Local	By Road
1,2,3,6 Tetra Hydro phthalic Anhydride	Solid	RM Storage	30	30	41.66	Local	By Road
p-methoxyAcetophenone	Solid	RM Storage	1.0	1.0	7.5	Local	By Road
Marpholine	Liquid	RM Storage	1.0	1.0	4.37	Local	By Road
3-Chlroro 2- methyl Aniline	Liquid	RM Storage	1.0	1.0	5.33	Local	By Road
Phenophthalene	Solid	RM Storage	1.5	1.5	5	Local	By Road
Di Bezofurane	Solid	RM Storage	1.5	1.5	6.04	Local	By Road
Ferric Chloride	Solid	RM Storage	0.2	0.2	0.2	Local	By Road
Aniline	Liquid	RM Storage	1.0	1.0	5.86	Local	By Road
4- ChloroBenzaldehyde	Liquid	RM Storage	1.0	1.0	93.8	Local	By Road
r-Methyl Phenyl Hydantoin	Solid	RM Storage	1.0	1.0	4	Local	By Road
Sulphur	Solid	RM Storage	0.5	0.5	1.65	Local	By Road
Sodium Hydro sulfide	Solid	RM Storage	1.0	1.0	3.45	Local	By Road
Potassium Hydroxide	Solid	RM Storage	10.0	10.0	110	Local	By Road
Potassium Carbonate	Solid	RM Storage	0.5	0.5	0.725	Local	By Road
Oleum	Liquid	RM Storage	6.0	6.0	23.5	Local	By Road
Calcium Carbonate	Solid	RM Storage	2.5	2.5	11.76	Local	By Road
Nitric Acid	Liquid	RM Storage	25.0	25.0	84	Local	By Road
Sodium Nitrite	Solid	RM Storage	1.0	1.0	4.67	Local	By Road
Xylene	Liquid	RM Storage	25 KL	25 KL	3	Local	By Road



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		ne junction in road &					
		53.Traffi	ic Manag	ement			
No Information Availab	le						
		52.Any Ot	her Info	rmation			
Sodium Methoxide	Solid	RM Storage	5.0	5.0	34.2	Local	By Road
Gamma Buty Lactone	Liquid	RM Storage	5.0	5.0	46.04	Local	By Road
BT -300	Liquid	RM StorageRM Storage	5000 lit	5000 lit	5	Local	By Road
Sodium BiCarbonate	Solid	RM Storage	0.1	0.1	0.5	Local	By Road
Sodium Carbonate	Solid	RM Storage	0.1	0.1	0.5	Local	By Road
Ethylene Dichloride	Liquid	RM Storage	1.0	1.0	4.3	Local	By Road
Diglyme	Solid	RM Storage	0.1	0.1	0.56	Local	By Road
Para Tolylsulphonic Acid	Solid	RM Storage	0.1	0.1	0.36	Local	By Road
Ethylene Glycol	Liquid	RM Storage	10	10	47	Local	By Road
Chlorine	Gas	RM Storage	0.05	0.05	0.05	Local	By Road
Bromine	Liquid	RM Storage	30 Lit	30 Lit	0.09	Local	By Road
Methylene Di Chloride	Liquid	RM Storage	600 Lit	600 Lit	1.88	Local	By Road
Alluminum Chloride	Solid	RM Storage	20	20	155.8	Local	By Road
Hydrochlric Acid	Liquid	RM Storage	25	25	27.8	Local	By Road
Di methyl sulphate	Liquid	RM Storage	1.0	1.0	7.1	Local	By Road
Acetic Acid	Liquid	RM Storage	250 Lit	250 Lit	0.5	Local	By Road
Iso propyl Alcohol	Liquid	RM Storage	200 Lit	200 Lit	0.3	Local	By Road

Not Applicable design of confluence: Number and area of Not Applicable basement: Number and area of Not Applicable podia: **Total Parking area:** NA Area per car: Not Applicable Area per car: Not Applicable Number of 2-Wheelers as Parking details: approved by Not Applicable competent authority: Number of 4-Wheelers as approved by Not Applicable competent authority: **Public Transport:** Available Width of all Internal 6 m roads (m): **CRZ/ RRZ clearance** Not Applicable obtain, if any:



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	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	No such areas within 10 km radius circle.
	Category as per schedule of EIA Notification sheet	5 (f) B1
	Court cases pending if any	Not Applicable
	Other Relevant Informations	Not Applicable
	Have you previously submitted Application online on MOEF Website.	Yes
	Date of online submission	13-04-2018
SEAC	DISCUSSION	ON ENVIRONMENTAL ASPECTS
Environmental Impacts of the project	Not Applicable	
Water Budget	Not Applicable	
Waste Water Treatment	Not Applicable	
Drainage pattern of the project	Not Applicable	
Ground water parameters	Not Applicable	
Solid Waste Management	Not Applicable	
Air Quality & Noise Level issues	Not Applicable	
Energy Management	Not Applicable	
Traffic circulation system and risk assessment	Not Applicable	
Landscape Plan	Not Applicable	
Disaster management system and risk assessment	Not Applicable	
Socioeconomic impact assessment	Not Applicable	
Environmental Management Plan	Not Applicable	
Any other issues related to environmental sustainability	Not Applicable	
	Brief informa	tion of the project by SEAC

age of the sign Abhay Pimparkar (Secretary SEAC-I)

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PP submitted their application for grant of ToR under category 5(f)B1 for violation project and expansion as per amended Notification issued by MoEF&CC dated 08.03.2018,

PP applied for the grant of ToR to the MoEF&CC on 13.04.2018 and SEIAA vide Unique ID No1262.. on 13th April, 2018 on SEIAA portal for grant of ToR as a case of violation and expansion.

DECISION OF SEAC

After detailed deliberations with the PP and their accredited cosultant, it was observed that PP was not having adequate information to present to the committee.

Hence deferred.

Specific Conditions by SEAC:

FINAL RECOMMENDATION

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

appropries? Abhay Pimparkar (Secretary SEAC-I)

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151st Meeting of State Level Expert Appraisal Committee (SEAC-I)

SEAC Meeting number: 151st (Day-2) Meeting Date May 24, 2018

Subject: Environment Clearance for Environment Clearance for change in product mix project for Manufacturing of Dye Intermediates and Specialty Chemicals under category 5 (f) by M/s. Abhideep Chemicals Pvt. Ltd. at Plot No. A-2, MIDC Area, Ghuggus Road, Chichala, Dist. Chandrapur, Maharashtra 442406

Is a Violation Case: Yes

is a violation Case: 1es						
1.Name of Project	Change in product mix project for manufacturing of Dye Intermediates and Specialty Chemicals at Plot No. A-2, MIDC Area, Ghuggus Road, Chichala, Dist. Chandrapur, Maharashtra 442406					
2.Type of institution	Private					
3.Name of Project Proponent	M/s. Abhideep Chemicals Pvt. Ltd.					
4.Name of Consultant	Goldfinch Engineering Systems Private Limited					
5.Type of project	Industrial- Manufacturing of Dye Intermediates specialty chemicals					
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	No					
8.Location of the project	Plot No. A-2, MIDC Area, Ghuggus Road, Padoli, Dist. Chandrapur Maharashtra 442406					
9.Taluka	Chandrapur					
10.Village	Padoli					
Correspondence Name:	Mr. Abhijeet B. Birewar					
Room Number:	503					
Floor:						
Building Name:	Keshava					
Road/Street Name:	Bandra Kurla Complex					
Locality:	Bandra East					
City:	Mumbai					
11.Area of the project	MIDC					
	Not Applicable					
12.IOD/IOA/Concession/Plan Approval Number	IOD/IOA/Concession/Plan Approval Number: Not Applicable					
Tr. Control of the co	Approved Built-up Area: 15208					
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.)	15208					
16.Deductions	Not applicable					
17.Net Plot area	15208					
10 (a) Buon and Built A. (FOL 6	a) FSI area (sq. m.): Not applicable					
18 (a).Proposed Built-up Area (FSI & Non-FSI)	b) Non FSI area (sq. m.): Not applicable					
	c) Total BUA area (sq. m.): 15208					
10 (1) 4 1 D	Approved FSI area (sq. m.): Not applicable					
18 (b).Approved Built up area as per DCR	Approved Non FSI area (sq. m.): Not applicable					
	Date of Approval: 18-04-2018					
19.Total ground coverage (m2)	3636.36					
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	24%					
21.Estimated cost of the project	132500000					
22 Nium]	har of huildings & its configuration					

22. Number of buildings & its configuration

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Serial number	Buildin	g Name & number	Number of floors	Height of the building (Mtrs)	
1	N	Vot applicable	Not applicable		
23.Number tenants an	-	Not applicable			
24.Number expected rusers	-	Not applicable			
25.Tenant per hectar		Not applicable			
26.Height building(s)					
27.Right of (Width of the from the notation to the proposed here)	the road earest fire the	9 m		083	
28.Turning for easy ac fire tender movement around the excluding for the pla	from all building the width	9 m			
29.Existing structure (s) if any Manufacturing building, administration, raw material and finished goods storage, main workshop.					
30.Details demolition disposal (I applicable)	with f	Not applicable			

31.Production Details

Serial Number	Product	Existing (MT/M)	Proposed (MT/M)	Total (MT/M)					
1	Beta Oxy Naphthoie (Bon) Acid	100	00	100					
2	Pamoic Acid	7.5	00	7.5					
3	Di-Sodium Pamoate	4.17	00	4.17					
4	BNSA (Pure)	8.33	00	8.33					
5	1-Hyrdoxy-2-Naphthoic Acid			4.17					
6	1-Hydroxy-2-Naphthoic Acid-Phenyl Ester	2.5	00	2.5					
7	1-Naphthalene Acetic Acid	2.0	00	2.0					
8	1-Naphthalene Acetamide	2.0	00	2.0					
9	Methyl Phenyl Hydantoin	40	00	40					
10	OR								
11	m-PhenoxyBenzaldehyde	184	00	184					
12	OR								
13	Beta Naphthol	184	00	184					
14	OR								
15	1,3-Dibromo-5-methyl-5 phenyl hydantoin		00						



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16	2.2 B	Siphenol			00			
		nino 4-Methyl						
17		nenol			00			
18	p-Phenyl	eneDiamine			00			
19	m-Hyrdoxya	cetonphenone			00			
20		outane tetra xylic acid			00			
21		phenyl acetic acid			00			
22	3-Chloro 2-l	Methyl Anisole			00			
23	В	inol			00			
24		-Bis(4-Hydroxy hthalinidine			00			
25		6-Naphthoic acid			00	9-7		
26		ne Carboxylic w Product)			00	-		
27	Т	'otal		184	00	184		
28	manufactu either one of combination products manufactur	We shall re 184 MT/M of the product nation of the s. The total e quantity will d 184 MT/M			0000			
29		Product						
30		Tar		13.57	00	13.57		
31	Sodium	Bisulphite		00	51.2	51.2		
32		n Chloride		00	34.8	34.8		
33	Me	thanol		00	34	34		
34	Т	'otal		13.57	120	133.57		
		32	.Tota	l Water	Requirement			
		Source of wa	ter	Not applicabl	е			
		Fresh water (CMD):	Not applicabl	е			
		Recycled wat Flushing (CM		Not applicabl	e			
	^	Recycled wat Gardening (C		Not applicabl	e			
	Dry season:		ool m):	Not applicable				
Dry season			(CMD)	Not applicabl	e			
		Underground		Not applicabl	e			
				Not applicabl	e			
		Excess treate	d water	Not applicabl	e			
Requirement (CM: Fire fighting - Underground wat tank(CMD): Fire fighting - Overhead water tank(CMD):				Not applicabl	e e			



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	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
	Excess treated water	Not applicable
Details of Swimming pool (If any)	Not applicable	

33.Details of Total water consumed

Particula rs	Consumption (CMD)			Loss (CMD)			Effluent (CMD)		
Water Require ment	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total
Domestic	12	0	12	3	0	3	9	0	9
Industrial Process	83.5	0	83.5	9	0	9	74.5	0	74.5
Cooling tower & thermopa ck	117.5	0	117.5	92.5	0	92.5	25	0	25
Fresh water requireme nt	213	0	213	104.5	0	104.5	108.5	0	108.5



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	Level of the Ground water table:	10-15 m below ground level					
	Size and no of RWH tank(s) and Quantity:	We propose 5 m3 collection tank for roof top rain water rain water harvesting.					
	Location of the RWH tank(s):	Near Office Building					
34.Rain Water Harvesting	Quantity of recharge pits:	Nil					
(RWH)	Size of recharge pits :	Not applicable as collected rain water will be reused.					
	Budgetary allocation (Capital cost) :	3lac.					
	Budgetary allocation (O & M cost):	Rs. 0.4lac./annum					
	Details of UGT tanks if any :	No underground tank. Only roof top water collection facility will be provided.					
DE Charmy	Natural water drainage pattern:	Available at site.					
35.Storm water drainage	Quantity of storm water:	Not Applicable					
	Size of SWD:	Not Applicable					
	Sewage generation in KLD:	9 CMD					
	STP technology:	9 CMD will be send to sister concern M/s. Multi Organics, for treatment through proposed STP $$					
Sewage and	Capacity of STP (CMD):	Not Applicable					
Waste water	Location & area of the STP:	Not Applicable					
	Budgetary allocation (Capital cost):	Not Applicable					
	Budgetary allocation (O & M cost):	Not Applicable					
	36.Solid	d waste Management					
Waste generation in	Waste generation:	Not Applicable					
the Pre Construction and Construction phase:	Disposal of the construction waste debris:	Not Applicable					
	Dry waste:	Coal Ash 720 TPA					
	Wet waste:	Not Applicable					
VATO obo	Hazardous waste:	Spent Oil 200 Lit/A					
Waste generation in the operation Phase:	Biomedical waste (If applicable):	Not Applicable					
I IIIIO	STP Sludge (Dry sludge):	Not Applicable					
	Others if any:	Not Applicable					



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		Dry waste:		Sold to brid	k manufactu	ırer.				
Wet waste Hazardous Biomedica		Wet waste:		Not Applicable						
				Sold to Authorized Recycler						
			Biomedical waste (If		Not Applicable					
		STP Sludg sludge):	e (Dry	Not Applicable						
		Others if a	ny:	Not Applica	able					
A		Location(s):					w material and finished nternal roads &Green		
Area requirem	ent:	Area for the of waste & material:		Raw materi	ial/ Finished	Good Storag	ge Area -152	6.44 Sq.m		
		Area for m	achinery:	1252.73 sq.	.m.			90		
Budgetary	allocation	Capital cos	st:	Included in	total capital	cost				
(Capital co O&M cost)		O & M cos	t:	Rs. 3 lacs./y	year					
			37.Ef	fluent C	harecter	estics _				
Serial Number	Paran	neters	Unit		Effluent terestics		Effluent terestics	Effluent discharge standards (MPCB)		
1	P	Н		8.0	- 9.5 Not Applicable as project is ZLD			Not Applicable as project is ZLD		
2	CC	OD	Mg/Lit.	40	000	Not Applicable as project is ZLD		Not Applicable as project is ZLD		
3	BOD (3 day	rs at 27 OC)	Mg/Lit.	18	300	Not Applicable as project is ZLD		Not Applicable as project is ZLD		
4	TS	SS	Mg/Lit.	30	00	Not Applicable as project is ZLD		Not Applicable as project is ZLD		
5	Oil & (Grease	Mg/Lit.	1	0		licable as t is ZLD	Not Applicable as project is ZLD		
Amount of e	effluent gene	eration	Industrial -	99.5 CMD D	omestic - 9	CMD				
Capacity of	the ETP:				ent to sister o		reatment M	/s. Multi Organics, for		
Amount of t recycled:	reated efflue	ent	99.5 CMD							
Amount of v	vater send to	the CETP:	Not Applica	ble						
Membership	o of CETP (if	require):	Not Applica	plicable						
Note on ETI	P technology	to be used	Blowdown f The treated	Effluent - High TDS &high COD Stream from process is being sent to MEE. wn from utilities, floor washing etc. is being treated in full-fledged ETP plant. Ited effluent is sent to RO for further treatment. This project is run on ely Zero Liquid Discharge (ZLD) basis						
Disposal of	the ETP slud	lge	Not Applica	ble						
			38.H a	zardous	Waste D	etails				
Serial Number	Descr	iption	Cat	UOM	Existing	Proposed	Total	Method of Disposal		
1	Sper	nt oil	5.1	Ltr/A	200	0	200	Sale to authorized recycler		
2	Non-Hazaro	dous Waste	-	-	-	-	-	-		



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3	Boile	er Ash	-	(MT/A)	720	0	720	Sale to Brick Manufacturer	
			39.	Stacks em	ission D	etails			
Serial Number	Section	& units		Used with nantity	Stack No.	Height from ground level (m)	Internal diameter (m)	Temp. of Exhaust Gases	
1		- 2 TPH , Stand By)	Coal	- 7.2 TPD	1	27 m from ground	0.65	125 0C	
2		2.5 TPH sting)	Coal	- 9.6 TPD	1	27 m from ground	0.65	125 0C	
3		oack 6 lac (Existing)	Coal	- 2.4 TPD	1	16 m from ground	0.55	1250C	
4		· 250 KVA sting)	HSD	– 53 lit./hr	1	3.5 m above enclosure	0.15	140 0C	
			40. E	etails of l	Fuel to b	e used		9	
Serial Number	Туј	pe of Fuel		Existing		Proposed	0,	Total	
1		Coal		19.2 TPD	1	Not Applicab	le	19.2 TPD	
2		HSD		53 Ltr/hr	1	Not Applicab	le	53 Ltr/hr	
11.Source o	of Fuel		Lo	cal					
12.Mode of	Transportat	tion of fuel to	site By	Road					
		Total RG a	rea :	5024 sq.m.					
		No of trees	s to be cu	o be cut Nil					
		Normalian at		crees to 500 0					
		be planted		1 500 N 1 mag					
43.Green Belt Development List of propose native trees:			Terminalia arjuna(Arjun), Bauhinia racemosa(Apta), Ficusbenghalensis(Vad), Ficusreligiosa(Pimpal), Polyalthialongifolia(Ashok), Azadirachtaindica(Kaduneem), Casfistula (Bahava), Neolamarckiacadamba(Kadamb), Teminaliatomentosa(Ain), Lagerstroemia speciosa(Taman), Bougainvillea spectabilis(Bouganvel), Lantana camara(Ghaneri Calatropisgigentia(Rui), Hibiscus rosasinensis(Jaswand), Neriumindicum(Kanher)						
		Timeline for completion plantation	ı of	5 years					
	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	Comr	non Name	Qua	ntity	Characteristics & ecologica importance		
1	Termina	liaarjuna		Arjun	7	75	Pollution	resistant and Native	
2	Bauhinia	racemosa		Apta	2	20	Pollution	resistant and Native	
3	Ficusber	enghalensis V		Vad	2			tion resistant and ollution resistant and Native	
	Figuer	religiosa Pin		Pimpal	npal 7		Pollution	Pollution resistant and Native	
4	Ticusi	Ciigiosa						Pollution resistant and Native	
4 5		alongifolia	I	Ashok	2	20	Pollution	resistant and Native	

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7	Cossis	fictulo	D = 1-	0110		20	Dollution registant and Maties	
7		fistula	Bah			20	Pollution resistant and Native	
8		kiacadamba				75	Pollution resistant and Native	
9		troemia troemia	A	25		25	Pollution resistant and Native	
10	spec	ciosa	Tan	nan		30	Pollution resistant and Native	
11		invillea tabilis	Boug	anvel		25	Pollution resistant and Native	
12	Lantana	a camara	Gha	neri		20	Pollution resistant and Native	
13	Calatrop	isgigentia	R	ui		25	Pollution resistant and Native	
14	Hibiscus r	osasinensis	Jasw	vand		25	Pollution resistant and Native	
15	Nerium	indicum	Kan	her		20	Pollution resistant and Native	
45	.Total qua	ntity of plants on	grour	nd				
46.Nun	nber and	list of shrub	s an	d bushes	specie	s to be	planted in the podium RG:	
Serial Number		Name		C/C Dista	nce		Area m2	
1	Not	applicable		Not applica	able		Not applicable	
				47.Er	nergy		00	
		Source of power supply:	r	MSEDCL				
		During Constru Phase: (Demand Load)		Not Applicable				
		DG set as Power back-up during construction ph		Not Applicable				
70		During Operation phase (Connect load):		496 KW				
Pov require	_	During Operation phase (Demand load):		335 KW				
		Transformer:	7	500 KVA				
		DG set as Power back-up during operation phase		1 DG set- 250 KVA				
		Fuel used:		HSD				
Details of high tension line passing through the plot if any:				No high tension lines are passing through the plot				
		48.Energy	saviı	ng by noi	n-conve	ntiona	l method:	
Nil								
		49.De	tail	calculati	ons & %	6 of sav	/ing:	
Serial Number	E	nergy Conservati						
1		Not applic	cable				Not applicable	
	1100 applicanto						* *	

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Source

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Existing pollution control system

50.Details of pollution control Systems

Proposed to be installed

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Air	Multiple cy	clone and dust collector of adequate height		Multiple cyclone and dust collector followed by stack of adequate height.			
Water		MEE, ETP & RO		MEE, ETP & RO			
Noise	Acoustic enclosure for DG set			Acoustic enclosure for DG set			
Solid Waste	Sale to authorized recycler			Sale to authorized recycler			
	allocation	Capital cost:	Not applicable				
' =	cost and cost):	O & M cost:	Not applicable				
51	51.Environmental Management plan Budgetary Allocation						
	a) Construction phase (with Break-up):						

Serial Number Attributes		Parameter	Total Cost per annum (Rs. In Lacs)
1	Not Applicable	Not Applicable	Not Applicable

b) Operation Phase (with Break-up):

Multi cyclone and dust collector followed by	5
1 Air pollution control stack is provided. Scrubbers Provided.	
2 Water pollution Single effect evaporator	6
Noise pollution Acoustic encl./ Ant vibration pads	2 1
Medical checkup, Health insurance policy, Medical staff charges, First aid facilities, consumables, In-house first aid room, Other infrastructure and Equipment	1
5 Environmental Environmental Monitoring Budget Monitoring 2	1
6 Hazardous waste Storage & disposal - 3	1
7 Green belt - 2	0.5
8 Total - 98	3 16.5

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

Description	Status			Maximum Quantity of Storage at any point of time in MT	Consumption / Month in MT	Source of	transportation	
Alpha Naphthol	Solid	RM Storage	0.15	0.15	4.17	Local	By Road	



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Alpha Naphthalene Acetic Acid	Solid	RM Storage	0.5	0.5	2.67	Local	By Road
Ammonia	Liquid	RM Storage	0.05	0.05	0.267	Local	By Road
Ammonium Carbonate	Solid	RM Storage	5.0	5.0	26.8	Local	By Road
Acetophenone	Liquid	RM Storage	6.0	6.0	30.8	Local	By Road
AON Acid	Solid	RM Storage	1.5	1.5	7.5	Local	By Road
Beta Naphthol	Solid	RM Storage	4.5	4.5	135	Local	By Road
BON Acid	Solid	RM Storage	0.15	0.15	4.17	Local	By Road
Carbon Dioxode	Gas	RM Storage	1.4	1.4	42	Local	By Road
Caustic Soda Flakes / lye	solid/ Liquid	RM Storage	20	20	185	Local	By Road
Ethanol	Liquid	RM Storage	200 lit	200 lit	0.93	Local	By Road
Di Iso Propyl Ether	Liquid	RM Storage	200 lit	200 lit	0.6	Local	By Road
DSP	Solid	RM Storage	0.5	0.5	9	Local	By Road
Formaldehyde	Solid	RM Storage	0.5	0.5	1.45	Local	By Road
Methanol	Liquid	RM Storage	2500 lit	2500 lit	16	Local	By Road
Mono Chloro Acetic Acid	Liquid	RM Storage	400 lit	400 lit	1.56	Local	By Road
Naphthalene	Solid	RM Storage	8.0	8.0	230	Local	By Road
Phenol	Solid	RM Storage	12.0	12.0	64	Local	By Road
Sodium Cyanide	Solid	RM Storage	4.0	4.0	12.8	Local	By Road
Sodium Hypo Chlorite	Liquid	RM Storage	0.4	0.4	2.4	Local	By Road
Sulfuric Acid	Liquid	RM Storage	25	25	224.5	Local	By Road
Technical BNSA	Solid	RM Storage	0.6	0.6	16.66	Local	By Road
Thionyl Chloride	Liquid	RM Storage	6.0	6.0	64.4	Local	By Road
Toluene	Liquid	RM Storage	200 lit	200 lit	0.7	Local	By Road
n-Ethyl o-toluedine	Liquid	RM Storage	1.0	1.0	7.35	Local	By Road
p-Nitro Aniline	Liquid	RM Storage	1.0	1.0	7.25	Local	By Road
1,2,3,6 Tetra Hydro phthalic Anhydride	Solid	RM Storage	30	30	41.66	Local	By Road
p-methoxyAcetophenone	Solid	RM Storage	1.0	1.0	7.5	Local	By Road
Marpholine	Liquid	RM Storage	1.0	1.0	4.37	Local	By Road
3-Chlroro 2- methyl Aniline	Liquid	RM Storage	1.0	1.0	5.33	Local	By Road
Phenophthalene	Solid	RM Storage	1.5	1.5	5	Local	By Road
Di Bezofurane	Solid	RM Storage	1.5	1.5	6.04	Local	By Road
Ferric Chloride	Solid	RM Storage	0.2	0.2	0.2	Local	By Road
Aniline	Liquid	RM Storage	1.0	1.0	5.86	Local	By Road
4- ChloroBenzaldehyde	Liquid	RM Storage	1.0	1.0	93.8	Local	By Road
r-Methyl Phenyl Hydantoin	Solid	RM Storage	1.0	1.0	4	Local	By Road
Sulphur	Solid	RM Storage	0.5	0.5	1.65	Local	By Road
Sodium Hydro sulfide	Solid	RM Storage	1.0	1.0	3.45	Local	By Road
Potassium Hydroxide	Solid	RM Storage	10.0	10.0	110	Local	By Road
Potassium Carbonate	Solid	RM Storage	0.5	0.5	0.725	Local	By Road
Oleum	Liquid	RM Storage	6.0	6.0	23.5	Local	By Road
Calcium Carbonate	Solid	RM Storage	2.5	2.5	11.76	Local	By Road
Nitric Acid	Liquid	RM Storage	25.0	25.0	84	Local	By Road
Sodium Nitrite	Solid	RM Storage	1.0	1.0	4.67	Local	By Road
Xylene	Liquid	RM Storage	25 KL	25 KL	3	Local	By Road



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	Nos of th	53.Traffine junction	ic Manag	ement			
No Information Availab	le						
		52.Any Ot	her Info	rmation			
Sodium Methoxide	Solid	RM Storage	5.0	5.0	34.2	Local	By Road
Gamma Buty Lactone	Liquid	RM Storage	5.0	5.0	46.04	Local	By Road
BT -300	Liquid	RM StorageRM Storage	5000 lit	5000 lit	5	Local	By Road
Sodium BiCarbonate	Solid	RM Storage	0.1	0.1	0.5	Local	By Road
Sodium Carbonate	Solid	RM Storage	0.1	0.1	0.5	Local	By Road
Ethylene Dichloride	Liquid	RM Storage	1.0	1.0 4.3		Local	By Road
Diglyme	Solid	RM Storage	0.1	0.1	0.56	Local	By Road
Para Tolylsulphonic Acid	Solid	RM Storage	0.1	0.1	0.36	Local	By Road
Ethylene Glycol	Liquid	RM Storage	10	10	47	Local	By Road
Chlorine	Gas	RM Storage	0.05	0.05	0.05	Local	By Road
Bromine	Liquid	RM Storage	30 Lit	30 Lit	0.09	Local	By Road
Methylene Di Chloride	Liquid	RM Storage	600 Lit	600 Lit	1.88	Local	By Road
Alluminum Chloride	Solid	RM Storage	20	20	155.8	Local	By Road
Hydrochlric Acid	Liquid	RM Storage	25	25	27.8	Local	By Road
Di methyl sulphate	Liquid	RM Storage	1.0	1.0	7.1	Local	By Road
Acetic Acid	Liquid	RM Storage	250 Lit	250 Lit	0.5	Local	By Road
Iso propyl Alcohol	Liquid	RM Storage	200 Lit	200 Lit	0.3	Local	By Road

to the main road & Not Applicable design of confluence: Number and area of Not Applicable basement: Number and area of Not Applicable podia: NA **Total Parking area:** Area per car: Not Applicable Area per car: Not Applicable Number of 2-Wheelers as Parking details: approved by Not Applicable competent authority: Number of 4-Wheelers as approved by Not Applicable competent authority: **Public Transport:** Available Width of all Internal 6 m roads (m): **CRZ/ RRZ clearance** Not Applicable obtain, if any:



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	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	No such areas within 10 km radius circle.
	Category as per schedule of EIA Notification sheet	5 (f) B1
	Court cases pending if any	Not Applicable
	Other Relevant Informations	Not Applicable
	Have you previously submitted Application online on MOEF Website.	Yes
	Date of online submission	13-04-2018
SEAC	DISCUSSION	ON ENVIRONMENTAL ASPECTS
Environmental Impacts of the project	Not Applicable	
Water Budget	Not Applicable	
Waste Water Treatment	Not Applicable	
Drainage pattern of the project	Not Applicable	
Ground water parameters	Not Applicable	
Solid Waste Management	Not Applicable	
Air Quality & Noise Level issues	Not Applicable	
Energy Management	Not Applicable	
Traffic circulation system and risk assessment	Not Applicable	
Landscape Plan	Not Applicable	
Disaster management system and risk assessment	Not Applicable	
Socioeconomic impact assessment	Not Applicable	
Environmental Management Plan	Not Applicable	
Any other issues related to environmental sustainability	Not Applicable	
	Brief informa	tion of the project by SEAC

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PP submitted their application for grant of ToR under category 5(f)B1 for violation project and expansion as per amended Notification issued by MoEF&CC dated 08.03.2018,

PP applied for the grant of ToR to the MoEF&CC on 13.04.2018 and SEIAA vide Unique ID No1262.. on 13th April, 2018 on SEIAA portal for grant of ToR as a case of violation and expansion.

DECISION OF SEAC

After detailed deliberations with the PP and their accredited cosultant, it was observed that PP was not having adequate information to present to the committee.

Hence deferred.

Specific Conditions by SEAC:

FINAL RECOMMENDATION

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

appropries? Abhay Pimparkar (Secretary SEAC-I)

SEAC Meeting No: 151st (Day-2) Meeting Date: May 24, 2018

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

151st Meeting of State Level Expert Appraisal Committee (SEAC-I)

SEAC Meeting number: 151st (Day-2) Meeting Date May 24, 2018

Subject: Environment Clearance for installed capacity of 160 MTPA of API production in the first phase and operating as per current CTO. Now, the expansion is planned upto 220 MTPA(expansion by 60 MTPA) of API production which change in product mix. However, the site is having current EC for production of 320 MTPA of API. -- Application for grant of ToRs

Is a Violation Case: No

Is a Violation Case: No					
1.Name of Project	M/s. CIPLA Ltd. (Unit - II)				
2.Type of institution	Private				
3.Name of Project Proponent	Mr. Alipasha Saudagar (Associate Director)				
4.Name of Consultant	Equinox Environments (India) Pvt. Ltd.				
5.Type of project	NA				
6.New project/expansion in existing project/modernization/diversification in existing project	Proposed expansion and modernization of existing bulk drugs and intermediate manufacturing unit				
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	Yes, Environmental Clearance from MoEF, New Delhi Dated 31 July, 2007				
8.Location of the project	Plot No. D-27, MIDC Kurkumbh, Daund, Pune				
9.Taluka	Daund				
10.Village	Kurkumbh				
Correspondence Name:	M/s. CIPLA Ltd. (Unit - II)				
Room Number:	Plot No. D-27				
Floor:					
Building Name:					
Road/Street Name:	MIDC Kurkumbh				
Locality:	Kurkumbh, Daund				
City:	Pune				
11.Area of the project	Notified Industrial Area - Kurkumbh MIDC				
	NA				
12.IOD/IOA/Concession/Plan Approval Number	IOD/IOA/Concession/Plan Approval Number: NA				
Approvar Number	Approved Built-up Area: 28264				
13.Note on the initiated work (If applicable)	NA				
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	Existing unit of CIPLA ltd. is located in notified industrial area i.e. Kurkumbh MIDC				
15.Total Plot Area (sq. m.)	1,60,000 Sq. M.				
16.Deductions	NA				
17.Net Plot area	NA				
	a) FSI area (sq. m.): NA				
18 (a).Proposed Built-up Area (FSI & Non-FSI)	b) Non FSI area (sq. m.): NA				
101 101)	c) Total BUA area (sq. m.):				
	Approved FSI area (sq. m.):				
18 (b).Approved Built up area as per DCR	Approved Non FSI area (sq. m.):				
bek	Date of Approval:				
19.Total ground coverage (m2)	NA				
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	NA				
21.Estimated cost of the project	151100000				

22. Number of buildings & its configuration

Abhay Pimparkar (Secretary SEAC-I)

SEAC Meeting No: 151st (Day-2) Meeting Date: May 24, 2018 Page 89 of 125 Signature:
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Dr. Umakant Dangat
(Chairman SEAC-I)

Serial number	Buildin	g Name & number	Number of floors	Height of the building (Mtrs)
1	NA		NA	NA
2		NA	NA	NA
23.Number tenants an		Not applicable		
24.Number of expected residents / users		NA		
25.Tenant per hectar		NA		
26.Height building(s)				
27.Right of way (Width of the road from the nearest fire station to the proposed building(s)		NA		08
28. Turning for easy ac fire tender movement around the excluding for the pla	from all building the width	NA	200	
29.Existing structure (NA	00	
30.Details demolition disposal (I applicable)	with f	NA		

31.Production Details

Serial Number	Product	Existing (MT/M)	Proposed (MT/M)	Total (MT/M)
1	Darunavir Hydrate	0.123	00	0.123
2	Darunavir Ethanolate	0.174	00	0.174
3	Efavirenz	0.410	00	0.410
4	Tenofovir Disoproxil Fumarate	7.56	4.41	11.97
5	Emtricitabine	0.105	00	0.105
6	Lamotrigine	Lamotrigine 0.55		0.55
7	Trimetzidine dihydrochloride	1.4	00	1.4
8	Ranolazine	0.09	00	0.09
9	SMK	0.16	00	0.16
10	Pantaprazole sodium sesquihydrate	0.054	00	0.054
11	Esomeprazole Magnesium Dihydrate	0.079	00	0.079
12	Lansoprazole	0.128	00	0.128
13	Escitalopram Oxalate	0.05	00	0.05



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14 Citalpram Hydrobromide		1.	24	00	1.24				
15	Olmesartam Medoximil		0.043		00	0.043			
16	Losartan	Potassium	0.2	263	00	0.263			
17		ramine chloride	0.	13	00	0.13			
18	Cele	coxib	0.2	285	00	0.285			
19		xifine chloride	0.1	.11	00	0.111			
20		nafine chloride	0.	25	00	0.25			
21	Eluxa	doline	0	0	0.0049	0.0049			
22	Bicte	gravir	0	0	0.03	0.03			
23	23 R & Product			0	0.5	0,5			
		3	2.Tota	l Wate	r Requiremen	t			
		Source of	water	MIDC Water supply Scheme					
		Fresh water (CMD):			149				
		Recycled water - Flushing (CMD):		56 - in process (Not for flushing)					
		Recycled water - Gardening (CMD):		NA					
		Swimming pool make up (Cum):		NA					
Dry seasor	1:	Total Water Requirement (CMD)		202					
		Fire fighti Undergrou tank(CMD	nd water	NA					
	Fire fighting - Overhead water tank(CMD):		NA						
		_							



Excess treated water NA

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(Chairman SEAC-I)

		Source of wa	ter	MIDC Water supply Scheme							
		Fresh water	(CMD):	149							
		Recycled wat Flushing (CM		56 - in Proce	ess (Not for flu	ıshing)					
		Recycled wat Gardening (C		NA							
		Swimming po make up (Cu		NA							
Wet season	n:	Total Water Requirement :	(CMD)	202							
		Fire fighting Underground tank(CMD):		NA							
		Fire fighting Overhead wa tank(CMD):		NA							
		Excess treate	ed water	NA							
Details of pool (If an		Not applicable)								
		33.	.Detail	s of Tota	l water co	nsume	d				
Particula rs Consu		sumption (CMD)		Loss (CMD)			Effluent (CMD)				
Water Require ment	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total		
Domestic	10	00	10	2.5	00	2.5	7.5	00	7.5		

Particula rs	Consumption (CMD)			Loss (CMD)			Effluent (CMD)		
Water Require ment	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total
Domestic	10	00	10	2.5	00	2.5	7.5	00	7.5
Industrial Process	40	8	48	00	00	00	46	12	58
Cooling tower & thermopa ck	80	17	97	75	14.5	89.5	5	2.5	7.5
Gardening	37	10	47	00	00	00	00	00	00

	Level of the Ground water table:	Details of Rain Water Harvesting will be incorporate in EIA report.
	Size and no of RWH tank(s) and Quantity:	Details of Rain Water Harvesting will be incorporate in EIA report.
6y	Location of the RWH tank(s):	Details of Rain Water Harvesting will be incorporate in EIA report.
34.Rain Water Harvesting	Quantity of recharge pits:	Details of Rain Water Harvesting will be incorporate in EIA report.
(RWH)	Size of recharge pits :	Details of Rain Water Harvesting will be incorporate in EIA report.
	Budgetary allocation (Capital cost) :	Details of Rain Water Harvesting will be incorporate in EIA report.
	Budgetary allocation (O & M cost) :	Details of Rain Water Harvesting will be incorporate in EIA report.
	Details of UGT tanks if any:	NA



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	Natural water drainage pattern:	Details of Storm water drainage will be incorporate in EIA report.				
35.Storm water drainage	Quantity of storm water:	Details of Storm water drainage will be incorporate in EIA report.				
	Size of SWD:	Details of Storm water drainage will be incorporate in EIA report.				
	Sewage generation in KLD:	7.5				
	STP technology:	There is no any provision of STP on site for treatment of sewage. Sewageis treated in existing ETP. After expansion same practices will be followed.				
Sewage and	Capacity of STP (CMD):	NA				
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:	No major construction would be done since most of infrastructure would be used from existing unit. Only few equipments and machineries as required for proposed expansion unit would be installed.				
	Dry waste:	Plastic, Glass, Ferrous, Wooden, Metal Scrap, Discarded containers, drums, carboys, etc.				
	Wet waste:	NA				
Waste generation	Hazardous waste:	Battery Waste, E-Waste				
in the operation Phase:	Biomedical waste (If applicable):	NA				
	STP Sludge (Dry sludge):	NA				
	Others if any:	NA				
	Dry waste:	Sale to Authorized re-processor				
	Wet waste:	NA				
	Hazardous waste:	Sale to Authorized re-processor				
Mode of Disposal of waste:	Biomedical waste (If applicable):	NA				
	STP Sludge (Dry sludge):	NA				
	Others if any:	NA				
	Location(s):	Unit - II, Plot No. D-27, MIDC Kurkumbh, Daund, Pune, Maharashtra.				
Area requirement:	Area for the storage of waste & other material:	Storage details of waste and other material will be incorporate in EIA Report.				
	Area for machinery:	Storage details of waste and other material will be incorporate in EIA Report.				





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

Storage details of waste and other material will be incorporate in EIA Report.

Storage details of waste and other material will be incorporate in EIA Report.

37.Effluent Charecterestics

37.Emuent Charecterestics							
Serial Number	Parameters	Unit	Inlet Effluent Charecterestics	Outlet Effluent Charecterestics	Effluent discharge standards (MPCB)		
1	BOD	mg/lit	3374	10	30		
2	COD	mg/lit	13554	62	250		
3	TDS	mg/lit	2550	342	2100		
4	рН		8.4	8.75	5.5 - 9.0		
Amount of 6 (CMD):	effluent generation	73					
Capacity of	the ETP:	150					
Amount of trecycled:	reated effluent	56					
Amount of v	water send to the CETP:	NA					
Membershi	p of CETP (if require):	NA					
Note on ET	P technology to be used	Effluent segregated into 2 streams – E-1 & E-2. E-1 treated in existing ETP & E-2 treated in MEE & VTFD. Condensate treat through E1 Stream treatment. Achieves ZLD					
Disposal of	the ETP sludge	Solid from VTFD send to CHWTSDF for disposal					

38. Hazardous Waste Details

Serial Number	Description	Cat	UOM	Existing	Proposed	Total	Method of Disposal
1	Used / Spent Oil	5.1	Lit/M	200	100	300	Sale to authorized party
2	Spent Acid	26.3	MT/M	30	5	35	Sale to authorized party
3	Spent Solvents	28.6	Lit/M	3500	2000	5500	Sale to authorized party
4	Spent catalyst / Spent Carbon	28.3	Kg/M	125	200	325	Sale to authorized party / CHWTSDF
5	Date expired, discarded & off- specification drugs / medicines / chemicals	28.5	Kg/M	1500	1000	2500	CHWTSDF
6	Spent mother liquor	28.1	M3/M	375	100	475	Final residue to CHWTSDF
7	Spent organic solvents	28.6	KL/M	375	100	475	Sale to authorized party
8	Discarded container barrels / liners used for hazardous waste / chemicals	33.1	No./M	200	100	300	Sale to authorized party
9	Chemical sludge, oil & grease skimming residues from industrial effluent	35.3	MT/M	750	15	765	CHWTSDF
10	Sludge from MEE system	35.1	MT/M	20	50	70	CHWTSDF



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11	scru	1 1	37.1	1	Kg/M	25		50	75	CHWTSDF
		bber			acks em	ission	n Da	ataila		
			3:	9.51	acks em	155101	1 De	etans		
Serial Number	Section	& units		el Used with Quantity		Stack	No.	Height from ground level (m)	Internal diameter (m)	Temp. of Exhaust Gases
1	Boiler - 2 T	TPH; 2 Nos.	FC); 9.6	1Lit/Hr	1		30.05	0.63	99
2		ck-2 Lakhs r; 1 No.	HS	SD; 4	5 Lit/Hr	1		30.05	0.63	168
3		250 KVA; 1 o.	HSI	D; 11	.7Lit/Hr.	1		7.05	0.2	145
4		crubbers - ; 3 Nos.		-	-	3		4	0.3	
			40	.De	tails of I	uel t	o be	e used		
Serial Number	Тур	e of Fuel			Existing			Proposed		Total
1	HSD -	Thermopack	:		22 KgHr			00		22 KgHr
2	Fu	rnace Oil			104 Kg/Hr		00			104 Kg/Hr
3	HS	D - DG Set			85	85 00			85	
41.Source of	f Fuel		1	India	an Oil Corporation Ltd.					
42.Mode of	Transportat	ion of fuel to	site 7	Throu	igh tankers i	by Road				
		Total RG a	rea :		Existing Gr	een Bel	t Area	a- 27576 Sq.	M (17.23 %	of Total plot area)
		No of trees	s to be cut NA							
43.Greei		Number of trees to be planted :		Proposed Green Belt - 25,224 Sq. M. (16 % of Total Plot area) List of trees tobe planted under expansion will be be incorporate in EIA report						
Develop	ment	List of proposed native trees :		Proposed Green Belt - 25,224 Sq. M. (16 % of Total Plot area) List of trees tobe planted under expansion will be be incorporate in EIA rep						
		Timeline for completion plantation	on of The detail			ed plan of green belt development and implementation vill be incorporate in EIA report.				implementation
	44.Nu	mber and	l list	of t	rees spe	cies t	o b	e plante	d in the g	ground
Serial Number	Name of	the plant	Cor	mmo	n Name		Quai	ntity		eristics & ecological importance
planted under pl		pla expar	List of trees tobe planted under pansion will be be accorporate in EIA report.		List of trees tobe planted under expansion will be b incorporate in EIA report.		l under will be be ate in EIA	List of trees tobe planted under expansion will be be incorporate in EIA report.		
45.Total quantity of plants on ground										
46.Num	ber and	list of sl	ırubs	an	d bushes	spec	cies	to be pla	anted in	the podium RG:
Serial Number		Name			C/C Dista	nce		Area m2		
1		NA			NA				N	ΙA
					47.Eı	nora	X 7			



Name: Dr. Umakant Gangatrao Dangat Page 95 Dr. Umakant Dangat (Chairman SEAC-I)

		Source of particles supply:	power	Maharashtr	a Stat	e Electricity Distri	bution Company Limited	
		During Cor Phase: (De Load)		NA				
		DG set as back-up du construction	ıring	NA				
D			eration inected	Total - 30 M	tal - 30 MWH (Existing -27 MWH, Expansion - 3 MWH)			
Pov require	_	During Op phase (Der load):		Total - 30 M	Total - 30 MWH (Existing -27 MWH, Expansion - 3 MWH)			
		Transform	er:	NA				
		DG set as l back-up du operation	ıring	One existing DG set of capacity 1250 KVA				
		Fuel used:		HSD				
		Details of I tension lin through th any:	e passing	NA				
		48.Ene	rgy savi	ng by no	n-co	nventional m	ethod:	
NA								
		49	9.Detail	calculati	ons	& % of saving	g:	
Serial Number	E	nergy Cons	ervation Mo	easures Saving %			Saving %	
1			NA	NA				
		50	.Details	of polluti	ion c	ontrol Syste	ms	
Source	Ex	isting pollu	tion contro	l system		Pro	posed to be installed	
NA			NA	NA				
	allocation cost and	Capital cos	st:	Details of capital cost will be incorporate in EIA report.				
	cost and	O & M cos	t;	Details of O & M cost will be incorporate in EIA report.				
51	.Envir	onment	al Mar	nageme	nt j	olan Budg	etary Allocation	
		a)	Construc	ction pha	se (with Break-u	p):	
Serial Number	Attri	butes	Parai	meter		Total Cost p	er annum (Rs. In Lacs)	
1	N	ΙA	N	A			NA	
		b) Operat	ion Phas	e (w	ith Break-up):	
Serial Number	Comp	nponent Descr		iption	Сар	ital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)	
1	Air Polluti	on Control	Boiler,	, Stack		25	O & M cost of all components is 500 Lakhs	
2		Pollution ol - ETP	EPT	plant		300	AS mentioned in above	
3		Pollution ntrol		e level ent, PPEs		20	AS mentioned in above	
						1		



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(Chairman SEAC-I)

4	Environmental Monitoring & Management	Environmental Monitoring & Management	2	AS mentioned in above
5	Occupational Health	Occupational Health and safety	1	AS mentioned in above
6	Green Belt	Green Belt	2	AS mentioned in above
7	MEE & VTFD	MEE & VTFD	150	AS mentioned in above

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

Status	Location	Storage Capacity in MT	Quantity of Storage at any point of time in MT	Consumption / Month in MT	Source of Supply	Means of transportatio n
Details of		Details of	Details of	D + 1 C	Details of	D 1 13 C
5		0	J			Details of
chemicals	Details of storage of	chemicals	chemicals	storage of	chemicals	storage of
will be	chemicals will be	will be	will be	chemicals will	will be	chemicals will
ncorporate	incorporate at the	incorporate	incorporate	be incorporate	incorporate	be incorporate
at the time	time of EIA report	at the time	at the time	at the time of	at the time	at the time of
of EIA	submission	of EIA	of EIA	EIA report	of EIA	EIA report
report		report	report	submission	report	submission
submission		submission	submission		submission	
n a	Details of storage of chemicals will be accorporate the time of EIA report	Details of storage of chemicals will be accorporate to the time of EIA report submission	Details of storage of chemicals will be accorporate to the time of EIA report Details of storage of chemicals will be incorporate at the time of EIA report Location Details of storage of chemicals will be incorporate at the time of EIA report Submission Capacity in MT Details of storage of chemicals will be incorporate at the time of EIA report	Status Location Storage Capacity in MT Details of storage of chemicals will be accorporate to the time of EIA report The time of EIA report submission Storage Capacity in MT Details of storage of storage of chemicals will be incorporate at the time of EIA report Storage Capacity in MT Details of storage of storage of chemicals will be incorporate at the time of EIA report Storage Capacity in MT Details of storage of chemicals of storage of chemicals will be incorporate at the time of EIA report Storage at any point of time in MT Details of storage of chemicals of storage of chemicals will be incorporate at the time of EIA report The transfer of EIA report of EIA repo	Status Location Storage Capacity in MT Details of storage of chemicals will be incorporate at the time of EIA report Teport Consumption / Month in MT Details of storage of chemicals will be incorporate at the time of EIA report Storage of chemicals will be incorporate at the time of EIA report Storage of chemicals will be incorporate at the time of EIA report Storage of chemicals of storage of chemicals will be incorporate at the time of EIA report Storage of chemicals of storage of chemicals will be incorporate at the time of EIA report submission	Location Capacity in MT at any point of time in MT Details of storage of chemicals will be accorporate at the time of EIA report Teport Teport

52.Any Other Information

No Information Available

53.Traffic Management

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

Details of traffic management will be incorporate at the time of EIA report submission



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Number and area of basement: Details of traffic management will be incorporate at the treport submission Number and area of podia: Details of traffic management will be incorporate at the treport submission Details of traffic management will be incorporate at the treport submission	
podia: report submission Details of traffic management will be incorporate at the t	
Details of traffic management will be incorporate at the t	ime of EIA
Total Parking area: Details of traine management will be incorporate at the treport submission	ime of EIA
Area per car: Details of traffic management will be incorporate at the treport submission	ime of EIA
Area per car: Details of traffic management will be incorporate at the treport submission	ime of EIA
Parking details: Number of 2- Wheelers as approved by competent authority: Details of traffic management will be incorporate at the treport submission	ime of EIA
Number of 4- Wheelers as approved by competent authority: Details of traffic management will be incorporate at the treport submission	ime of EIA
Public Transport: Details of traffic management will be incorporate at the treport submission	ime of EIA
Width of all Internal roads (m): Details of traffic management will be incorporate at the treport submission	ime of EIA
CRZ/ RRZ clearance obtain, if any:	
Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	
Category as per schedule of EIA Notification sheet Category (B) Item No.: 5 (f) as per EIA Notification No. S dated 14.09.2006, amended thereat	.O. 1533 (E)"
Court cases pending if any No any court Cases pending	
Other Relevant Informations NA	
Have you previously submitted Application online on MOEF Website.	
Date of online submission 17-02-2018	
SEAC DISCUSSION ON ENVIRONMENTAL ASPECT	S
Environmental Impacts of the project Not Applicable	
Water Budget Not Applicable	
Waste Water Treatment Not Applicable	
Drainage pattern of the project Not Applicable	





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

Brief information of the project by SEAC

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

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

PP to submit certified copy of compliance of earlier EC No.J-11011/368/2006-IA (I) dated 31.07.2007 from Regional Office of MoEF&CC, Nagpur as per OM issued by MoEF&CC on 07/09/2017.

DECISION OF SEAC



Sili

SEAC Meeting No: 151st (Day-2) Meeting Date: May 24, 2018 Signature:
Name: Dr. Umakant Gangetreo Dangat
Dr. Umakant Dangat
(Chairman SEAC-I)

Page 99 of 125 Based on the presentation made by PP; committee decided to approve the TOR for the preparation of EIA/EMP report as per standard TOR and additional TOR points mentioned below.

PP to submit prefeasibilty report for the proposed expansion.

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

Specific Conditions by SEAC:

- 1) PP to submit certificate of incorporation of the company, list of directors and memorandum of articles.
- 2) PP to submit lay out plan showing entry/exit gates, internal road width of six meters, turning radius of nine meters, location of pollution control equipment, parking areas, waste storage areas, 33% green belt, rain water harvesting etc.
- 3) PP to submit copy of Structural Stability Certificate of the structures exists on the site.
- **4)** PP to submit an undertaking for not having any eco sensitive area in the range of 5 KM from proposed project site.bmit an undertaking for not violating any requirements of EIA Notification, 2006.
- **5)** PP to include detailed material balance charts for each product showing consumption of raw material, sources of pollution and mitigation measures to control the pollution and justified use of resources along with quantities in the EIA report.
- **6)** PP to carry out life cycle analysis of the activities carried out on site with respect to the sustainability index, green house and ozone depletion potential etc
- 7) PP to carry out HAZOP and Risk Assessment study and submit Disaster Management Plan.
- 8) PP to submit hazardous chemical handling protocol
- **9)** PP to submit drawings, cross sectional drawings of the manufacturing units, equipment layout plan along with report on adequacy of the existing space for the expansion activities.
- 10) PP to include highlights of chemistry involved in the process in the EIA report.
- 11) PP to submit detailed water balance calculations and include details of water conservation measure adopted in the EIA report.
- 12) PP to submit details of ETP design with respect to the design of units proposed for effluent treatment. PP to ensure ZLD for the effluent treatment.
- 13) PP to use solar power of administrative building and street lights.
- 14) PP to submit Form 2 along with EIA/EMP report as per QM issued by MoEF&CC on 20.04.2018.
- **15)** PP to submit their plan to utilize CER (Corporate Environment Responsibility) along with timelines as per OM issued by MoEF&CC dated 01.05.2018.

FINAL RECOMMENDATION

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

Abhay Pimparkar (Secretary

SEAC-I)

SEAC Meeting No: 151st (Day-2) Meeting Date:
May 24, 2018

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Name: Dr. Umakant Gångstrao Dangat

Dr. Umakant Dangat

(Chairman SEAC-I)

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151st Meeting of State Level Expert Appraisal Committee (SEAC-I)

SEAC Meeting number: 151st (Day-2) Meeting Date May 24, 2018

Subject: Environment Clearance for Environment Clearance for Union Park Chemical (Bombay) Pvt. Ltd. at Plot No.: E-11 & E-11/1, MIDC Tarapur, District Palghar, Maharashtra 401506

Is a Violation Case: No

1.Name of Project	Expansion project for Manufacturing of Specialty Chemicals, API & Pharma Intermediate, at Plot No.: E-11 & E-11/1, MIDC Tarapur, District Palghar, Maharashtra 401506				
2.Type of institution	Private				
3.Name of Project Proponent	M/s. Union Park Chemical (Bombay) Pvt. Ltd				
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: E-11 & E-11/1				
9.Taluka	Palghar				
10.Village	Salvad				
Correspondence Name:	Mr. Amit J. Thakkar				
Room Number:	NA				
Floor:	NA				
Building Name:	201,Durga Niwas				
Road/Street Name:	Maharshi Karve Road				
Locality:	B/H New English High School, Naupada,				
City:	Thane(W) - 400602				
11.Area of the project	MIDC Tarapur, Boisar, Maharashtra				
12 IOD/IOA/Comandian/Dlass	Not Applicable				
12.IOD/IOA/Concession/Plan Approval Number	IOD/IOA/Concession/Plan Approval Number: Not Applicable				
	Approved Built-up Area: 10788				
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.)	10788 Sq m				
16.Deductions	Not applicable				
17.Net Plot area	10788 Sq.m.				
10 (a) Para de la Villa de la CECLE	a) FSI area (sq. m.): Not applicable				
18 (a).Proposed Built-up Area (FSI & Non-FSI)	b) Non FSI area (sq. m.): Not applicable				
	c) Total BUA area (sq. m.): 10788				
40.4) 4 1 1 1 1 1	Approved FSI area (sq. m.):				
18 (b).Approved Built up area as per DCR	Approved Non FSI area (sq. m.):				
	Date of Approval:				
19.Total ground coverage (m2)	3543.67				
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	32.84				
21.Estimated cost of the project	224500000				
22.Num	ber of buildings & its configuration				

Abhay Pimparkar (Secretary SEAC-I)

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Serial number	Buildin	g Name & number	Number of floors	Height of the building (Mtrs)			
1	N	Not applicable	Not applicable	Not applicable			
23.Number tenants an	-	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)		9 m		083			
28.Turning for easy ac fire tender movement around the excluding for the pla	from all building the width	9 m					
29.Existing structure (Yes					
30.Details demolition disposal (I applicable)	with f	Existing structure of 55	sq.m area will be demolished to m	nake 6 m wide internal road.			

31.Production Details

Serial Number	Product	Existing (MT/M)	Proposed (MT/M)	Total (MT/M)
1	2-Amino 5 Nitro Anisole (Fast Red B Base)	60	0	60
2	2-Amino 4 Nitro Anisole (Fast Scarlet R Base)	10	0	10
3	2-Amino 4 Nitro Anisole Hydrochloride (Fast Scarlet RC Base)	5	0	5
4	Meta Nitro Para Anisidine (Fast Bordeaux GP Base) OR	5	(+) 10	15
5	Meta Nitro Para Toluidine	0	(+) 10	10
6	Fast Blue B Base/ Fast Blue B Base Di Hydrochloride (Ortho Di Anisidine/Ortho Di Anisidine Hydrochloride) OR O.T Base	10	(-) 10	0
7	5 Nitro Benzimidazolone	0	(+) 20	20
8	5-Difluoromethoxy 2-Mercapto- 1H - Benzimidazole	0	(+) 10	10
9	2 Chloromethyl 3,4 Dimethoxy Pyridine HCl	0	(+) 10	10
10	2-{{(3,4-Dimethoxy-2-pyridinyl)-methyl]-thio}-5-Difluoromethoxy-1H-benzimidazole (Pantoprazole Sulphide)	0	(+) 5	5
11	5-Methoxy-2-Mercapto-1H-Benzimidazole	0	(+) 15	15
12	2-Chloromethyl-4-methoxy-3,5-dimethylpyridine hydrochloride (Ome Chloro)	0	(+) 10	10
13	$ 2 \hbox{-} \{ \hbox{$(3,5$-Dimethyl-4-methoxy-2-pyridinyl)-methyl]-thio} \hbox{-5-methoxy-1$H-benzimidazole } \\ \hbox{$(Omeprazole Sulphide)} $	0	(+) 10	10
14	Indoline	0	(+) 5	5
15	2-n-BUTYL 4-CHLORO 5-FORMYL IMIDAZOLE (BCFI)	0	(+) 10	10
16	1 Flouro Naphthalene	0	(+) 5	5
17	5 - Cyano Phthalide	0	(+)10	10
18	2 Mercapto Benzimidazole	0	(+) 10	10
19	1-(4-methoxyphenyl)-4-(4-nitrophenyl)piperazine	0	(+) 10	10
20	Pantoprazole sodium Sisquihydrate	0	(+) 10	10
21	Omeprazole	0	(+) 15	15
22	Lansoprazole	0	(+) 10	10
23	Total	90	175	265
24	By-Product	-	-	-
25	Acetic Acid (100% basis)	10	(+) 12.5	22.5



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26	Ma	agnesium Nitrate Solut		is)	0		(+)53.5	53.5			
27		Sodium Sulphite (0		(+)19 (+)85	19 85			
29		Difluoromethy			0		(+) 2.9	2.9			
30	S	Sodium Hydro Sulphide	ı	0		(+) 14	14				
31		Total		10		186.9	196.9				
•		32	.Tota	l Water	Requir	emen	ıt				
		Source of wa	ter	Not applicable							
		Fresh water	(CMD):	Not applicable							
		Recycled wat Flushing (CM		Not applicable							
		Recycled wat Gardening (C		Not applicab	ole						
		Swimming po make up (Cu		Not applicab	ole			0			
Dry season	:	Total Water Requirement :	t (CMD)	Not applicable							
	Fire fighting - Underground water No tank(CMD):				Not applicable						
	Fire fighting - Overhead water tank(CMD):			Not applicable							
	Excess treated water			Not applicable							
	Source of water			Not applicab	ole						
		Fresh water	(CMD):	Not applicable							
	Recycled water - Flushing (CMD):			Not applicable							
		Recycled wat Gardening (C		Not applicable							
		Swimming po make up (Cu		Not applicab	ole						
Wet season	1:	Total Water Requirement :	(CMD)	Not applicable							
	Fire fighting - Underground water tank(CMD): Fire fighting - Overhead water tank(CMD):			Not applicable							
				Not applicable							
Excess treated water				Not applicable							
Details of S	Details of Swimming Not applicable										
		33	.Details	s of Total	water co	nsume	d				
Particula rs	Cons	sumption (CM		l	oss (CMD)			fluent (CMD)			
Water Require ment	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total		



2.5

3.5

Domestic

(-) 1

2

3.5

2.5

1.5

(-) 1.5

Ck Cardening 1 17 18 (-) 1 (-) 17 1		2 0 7.5 ty - 100 CM	69.5 0 200.13	71.5 0 207.63				
Fresh water requireme nt 82.5 360.53 443.03 75 160.4 23. Level of the Ground water table: Size and no of RWH tank(s) and Quantity: Location of the RWH tank(s): Oughtity of recharge	Capacit	7.5	200.13					
No 6 m X 6 m = 36 Sq.m, Colorative of recharge Size and no of the RWH tank(s): UG water Tank - Near Bio-Bed Ouantity: Ouantity of recharge Ouantity Ouant	Capacid			207.63				
water table: Size and no of RWH tank(s) and Quantity: Location of the RWH tank(s): Overtity of recharge		ty - 100 CM	ID					
water table: Size and no of RWH tank(s) and Quantity: Location of the RWH tank(s): Overtity of recharge		ty - 100 CM	ID					
tank(s) and Quantity: Location of the RWH tank(s): UG water Tank - Near Bio-Bed		ty - 100 CM	ID					
tank(s): Overtity of recharge		0						
Quantity of rachargo	ter wil							
34.Rain Water Not applicable as collected wat		ll be reused.						
Harvesting (RWH) Size of recharge pits Not applicable as collected wat	Not applicable as collected water will be reused.							
Budgetary allocation (Capital cost):	Rs. 225000/-							
Budgetary allocation (O & M cost): Rs. 5500/- per Annum								
	iii) Water tank - 1 No - 57 M3							
drainage pattern: slopes.	Proper and separate storm water drains will be provided as per natural slopes.							
35.Storm water drainage Quantity of storm water: 252 m3/hr	·							
Size of SWD: 0.5 m X 0.5 m	0.5 m X 0.5 m							
Sewage generation in KLD:	3.5							
STP technology: Domestic Sewage will be treate	Domestic Sewage will be treated in combined ETP.							
Sewage and Capacity of STP (CMD): Not Applicable								
Waste water Location & area of the STP: Not Applicable								
Budgetary allocation (Capital cost): Not Applicable								
Budgetary allocation (O & M cost): Not Applicable	Not Applicable							
36.Solid waste Managem	ent	t						



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· · · · · · · · · · · · · · · · · · ·									
				debris, scraps, excavate cardboards waste	debris, scraps, excavated soil, used cement bags, iron / steel scrap and cardboards waste				
and Const phase:		Disposal o construction debris:		Excavated soil will be used for land filling.					
		Dry waste:		Non-Hazardous Waste: • Waste paper, Sweeping material, Etc 0.05 T/A, • Pallet – 1000 Nos./A, • Boiler Ash – 187.2 T/A					
			:	• Spent oil – 0.042 T/M • ETP Sludge+ MEE salts – 142.26 T/M • Spent Carbon from ETP – 18 T/M • Spent Carbon from process – 6 T/M • Process Residue – 110 T/M • Distillation residue – 5 T/M					
Waste generation in the operation Phase:		Hazardous	s waste:	• Spent oil - 0.042 T/M , • ETP Sludge+ MEE salts - 142.26 T/M , • Spent Carbon from ETP - 18 T/M , • Spent Carbon from process - 6 T/M , • Process Residue - 110 T/M , • Distillation residue - 5 T/M , • Discarded containers/barrels/HDPE bags & liners used for HW/Chemicals 417 nos./M					
		Biomedica applicable		Not Applicable		8			
		STP Sludge (Dry sludge):		Not Applicable					
		Others if a	ny:	• E-Waste- 0.1 T/A , • Battery waste- 0.2 T/A					
Dry waste:				MPCB authorized party for reuse					
На		Wet waste:		CHWTSDF					
		Hazardous	waste:	CHWTSDF					
	Mode of Disposal of waste:		l waste (If):	Not Applicable					
		STP Sludg sludge):	e (Dry	Not Applicable					
		Others if a	ny:	Sale to authorized dismantlers / Recyclers.					
		Location(s):	Manufacturing area and administration, raw material and finished goods storage area, Utility area, Parking area, Hazardous waste storage, Open space & internal roads, ETP, MEE & RO, Green belt area.					
Area requirem	nent:	Area for the storage of waste & other material:		• Raw material/ Finished Good Storage Area - 452.58 Sq.m • Hazardous Waste Storage Area - 81.84 Sq.m					
		Area for m	achinery:	456.72 Sq.m					
	allocation	Capital co	st:	Included in total capital cost					
(Capital cost)		O & M cos	t:	582.6204 Lacs/A					
37.Ef			37.Ef	fluent Charectere	estics				
Serial Number	Paran	neters	Unit	Inlet Effluent Charecterestics	Outlet Effluent Charecterestics	Effluent discharge standards (MPCB)			
1		A) Multiple Effect Evaporator		-	-	-			
2	Paran	neters	Unit	Inlet To MEE	Reject From RO	Outlet From MEE			
3	Flo	OW	M3/Day	50	77.7	153.24			
4	р	Н	-	7-7.5	7-8	7-7.5			
5	BOD3	,27ºC	mg/L	23500-24000	150-200	4500-5000			
	COD		/T	F0000 C0000	450 500	10000 11000			



COD

TSS

TDS

B) ETP Treatment

6

7

8

9

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50000-60000

50-100

60000-80000

mg/L

mg/L

mg/L

-

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Signature:

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10000-11000

50-100

50-100

450-500

<100

7500-8000

10	Parameters	Unit	Inlet To 1	Primary	Inlet to Se	econdary	Inlet to Tertiary		
11	Flow	M3/Day	154.13 (L 82.63 + B from Utili	owdown 154.13 + ME		IEE Outlet Domestic	310.87		
12	pН	-	7-8	8	6-	7	7-8		
13	BOD3,27ºC	mg/L	2200-2	2500	3500-	3800	50-100		
14	COD	mg/L	5000-	5500	7000-	7500	650-700		
15	TSS	mg/L	300-3	350	10-	50	10-50		
16	TDS	mg/L	3500-	4000	1800-	2000	1800-2000		
17	C) Reverse Osmosis	-	-		-		-		
18	Parameters	Unit	Inlet T	o RO	Perm	eate	Reject		
19	Flow	M3/Day	310.	.87	233	3.2	77.7		
20	pН	-	7-8	8	7-	8	7-8		
21	COD	mg/L	150-2	200	<1	00	450-500		
22	TDS	mg/L	1800-2	2000	<1	00	7500-8000		
Amount of (CMD):	effluent generation	Industrial - 204.13 CMD , MEE Condensate - 25.54, Domestic - 3.5 CMD							
Capacity of	f the ETP:	350 CMD							
Amount of recycled:	treated effluent	Total Water recycle 250.84 CMD= 233.2 CMD from RO permeate + 17.64 CMD from boiler steam condensate.							
Amount of	water send to the CETP:	Not Applicable as this unit will be run on Zero Liquid Discharge (ZLD) Basis.							
Membershi	ip of CETP (if require):	Yes; Presently implementing ZLD unit so no effluent is sent to CETP							
Note on ET	P technology to be used	High TDS and high COD stream of 50 CMD is treated in MEE. MEE condensate along with low TDS and low COD stream is treated in conventional ETP of capacity 350 CMD. After secondary treatment the effluent is passed through Activated Carbon Filter (ACF) and Pressure Sand Filter (PSF) for tertiary treatment. The effluent is fed to RO of capacity 350 CMD. RO permeate is recycled for use in utilities whereas RO reject is fed to MEE In order to make it a ZLD scheme.							
Disposal of	the ETP sludge	CHWTSDF							
		38.Ha	zardous	Waste D	etails		_		
Serial Number	Description	Cat	UOM	Existing	Proposed	Total	Method of Disposal		
1	Spent oil	5.1	T/M	Nil	0.042	0.042	Sale to authorized dealer		
2	ETP Sludge + MEE salts	35.3	T/M	0.26	142	142.26	To CHWTSDF		
3	Spent Carbon from ETP	36.2	T/M	Nil	18	18	To CHWTSDF		
4	Spent Carbon from process	28.3	T/M	Nil	6	6	To CHWTSDF		
5	Process Residue	28.1	T/M	Nil	110	110	To CHWTSDF		
6	Distillation residue	20.3	T/M	Nil	5	5	To CHWTSDF		
7	Discarded containers/barrels/HDPE bags & liners used for HW/Chemicals	33.1	Nos./M	167 Nos.	250 Nos.	417 Nos.	Sale to authorized dismantlers / Recyclers.		
8	Non-Hazardous Waste Details	-	-	-	-	-	-		
9	Waste paper, Sweeping material, Etc.	-	MT/A	Nil	0.05	0.05	Sale to authorised recycler		



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10	Pallet		MT/A	Nil	1000 Nos	1000 Nos	Sale to authorised		
10	rallet	-	WII/A	INII	1000 NOS	1000 1005	recycler		
11	Boiler Ash	- MT/A		31.2	156	187.2	Sale to Brick Manufacturer		
12	Other waste	-	-	-	-	-	-		
13	E-Waste	-	MT/A	0	0.1	0.1	Sale to authorized dismantlers/ Recyclers.		
14	Battery waste	-	MT/A	0	0.2	0.2	Returned to battery manufacturer through authorized dealer on buy back procurement		
39.Stacks emission Details									
Serial Number	Section & units	units Fuel Used with Quantity			Height from ground level (m)	Internal diameter (m)	Temp. of Exhaust Gases		
1	Boiler - 1.5 TPH (Existing)	Imp. Coal	- 2 TPD	01 Combined	30 m from ground	0.5	125 0C		
2	Boiler -2 TPH (Proposed)	Imp. Coal -	- 6.4 TPD	01 Combined	30 m from ground	0.5	125 0C		
3	DG Set - 160 KVA (Existing)	HSD- 25	lit./hr	1	3 m above enclosure	0.15	140 OC		
4	DG Set - 160 KVA (Proposed)	HSD- 45	lit./hr	1	3 m above enclosure	0.15	140 0C		
5	HCl Scrubber (Existing)	Water I	Media	1	5 m above Column	0.4	Ambient Temp.		
6	Ammonia Scrubber (Proposed)	Water I	Media	1	5 m above Column	0.4	Ambient Temp.		
7	H2S Scrubber (Proposed)	Aqueous Ca	ustic Soda	1	5 m above Column	0.4	Ambient Temp.		
8	Sulphur Dioxide Scrubber (Proposed)	Aqueous Caustic Soda		1	5 m above Column	0.4	Ambient Temp.		
9	Note-	(^ / ·		-	-	-	-		
10	Existing boiler of 3 TPH will be replaced by proposed 2 TPH boiler			-	-	1	-		
11	2) Combine stack for existing 1.5 TPH boiler and proposed 2 TPH boiler	-		-	-	1	-		
40.Details of Fuel to be used									
Serial Number	Type of Fuel		Existing		Proposed		Total		
1	Imported Coal		2 TPD		6.4 TPD		8.4 TPD		
2	HSD		25 lit/hr		45 lit/hr		70 Lit/hr		
41.Source			Local and imported						
42.Mode of	Transportation of fuel to	site By Ro	ad						



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	Total RG area:	Existing: 125 sq. m, Proposed: 3493.23 sq. m, Total: 3618.23 sq. m			
	No of trees to be cut :	Nil			
43.Green Belt	Number of trees to be planted :	540 No. of trees and shrubs			
Development	List of proposed native trees :	Banyan, Pipal, Neem, Kadamb, etc.			
	Timeline for completion of plantation :	Six Months after construction phase.			

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

	111114111111111111111111111111111111111	i mot or trees spe	eres to se prante.	a iii tiit gi taiia
Serial Number	Name of the plant	Common Name	Quantity	Characteristics & ecological importance
1	Terminalia arjuna	Arjun	35	Pollution resistant and Native
2	Bauhinia racemosa	Apta	30	Pollution resistant and Native
3	Ficus benghalensis	Banyan	50	Pollution resistant and Native
4	Ficus religiosa	Pimpal	45	Pollution resistant and Native
5	Cassia fistula	Amaltas	50	Pollution resistant and Native
6	Azadirachta indica	Kaduneem	35	Pollution resistant and Native
7	Plumeria alba	Chafa	30	Pollution resistant and Native
8	Neolamarckia cadamba	Kadamb	35	Pollution resistant and Native
9	Teminalia tomentosa	Ain	25	Pollution resistant and Native
10	Lagerstroemia speciosa	Taman	30	Pollution resistant and Native
11	Bougainvillea spectabilis	Bouganvel	35	Pollution resistant and Native
12	Lantana camara	Ghaneri	35	Pollution resistant and Native
13	Calatropis gigentia	Rui	30	Pollution resistant and Native
14	Hibiscus rosasinensis	Jaswand	35	Pollution resistant and Native
15	Nerium indicum	Kanher	40	Pollution resistant and Native
45	5.Total quantity of plan	its on ground		

46. Number and list of shrubs and bushes species to be planted in the podium RG:

Serial Number	Name	C/C Distance	Area m2				
1	Not Appliable	Not Appliable	Not Appliable				
47.Energy							



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		Source of p supply:	power	MSEDCL						
Power		During Cor Phase: (De Load)		Not Applical	Not Applicable					
		DG set as I back-up du construction	ıring	Not Applicable						
		During Open phase (Conload):		400 KW	400 KW					
require		During Oper phase (Der load):		300 KW	300 KW					
		Transform	er:	400 KVA						
		DG set as I back-up du operation p	ıring	Existing: 1	DG se	t - 160 KVA and Proposed: 1 DG set - 160 KVA				
		Fuel used:		HSD						
		Details of l tension lin through th any:	e passing	No high tens	No high tension lines are passing through the plot					
		48.Ene	rgy savi	ng by nor	1-CO	nventional method:				
Nil										
		49	9.Detail	calculatio	ons	& % of saving:				
Serial Fraggy Conservation Measures Saving %										
Number	E	nergy Conso	ervation M	easures		Saving %				
	E		ervation Mo	easures		Not Applicable				
Number	E	Not a	Applicable	(1)	on c					
Number		Not a	Applicable Details	of polluti	on c	Not Applicable				
Number 1	Ex	Not a 50. isting pollure cyclone sep	Applicable Details tion contro	of pollutiol system		Not Applicable				
Number 1 Source	Ex	Not a 50. isting pollur e cyclone sep height a	Applicable Details tion contro	of pollutiol system		Not Applicable control Systems Proposed to be installed Multiple cyclone separators, wet scrubber, Stack of				
Number 1 Source Air	Ex	Not a 50. isting pollur e cyclone sep height a	Applicable Details tion contro arators, Sta and scrubber and ETP	of pollution of pollution of system of adequaters		Not Applicable control Systems Proposed to be installed Multiple cyclone separators, wet scrubber, Stack of adequate height and scrubbers				
Number 1 Source Air Water	Ex	Not a 50. isting pollue e cyclone sep height a MEI Acoustic end	Applicable Details tion contro arators, Sta and scrubber and ETP	of pollution of pollution of system of adequaters		Not Applicable control Systems Proposed to be installed Multiple cyclone separators, wet scrubber, Stack of adequate height and scrubbers MEE, ETP & RO				
Number 1 Source Air Water Noise Solid Waste Budgetary	Ex Multiple	Not a 50. isting pollue e cyclone sep height a MEI Acoustic end	Applicable Details tion control arators, Stand scrubber and ETP closure for I	of pollution of pollution of system of adequaters	ce .	Not Applicable control Systems Proposed to be installed Multiple cyclone separators, wet scrubber, Stack of adequate height and scrubbers MEE, ETP & RO Acoustic enclosure for DG set				
Number 1 Source Air Water Noise Solid Waste Budgetary (Capital	Ex Multiple	Not a 50. isting pollur e cyclone sep height a MEH Acoustic end	Applicable Details tion control arators, Stand scrubber and ETP closure for I to CHWTSI st:	of pollution of pollution of system of adequaters OG set	ble	Not Applicable control Systems Proposed to be installed Multiple cyclone separators, wet scrubber, Stack of adequate height and scrubbers MEE, ETP & RO Acoustic enclosure for DG set				
Number 1 Source Air Water Noise Solid Waste Budgetary (Capital O&M	Ex Multiple allocation cost and cost):	Not a 50. isting pollume cyclone sep height a MEI Acoustic end Disposal Capital cost	Applicable Details tion control arators, Stand scrubber and ETP closure for I to CHWTSI st:	of pollution of pollution of pollution of pollution of system of adequaters OG set OF Not Applicate the policy of the policy	ble ble	Not Applicable control Systems Proposed to be installed Multiple cyclone separators, wet scrubber, Stack of adequate height and scrubbers MEE, ETP & RO Acoustic enclosure for DG set				
Number 1 Source Air Water Noise Solid Waste Budgetary (Capital O&M	Ex Multiple allocation cost and cost):	Not a 50. isting pollur e cyclone sep height a MEI Acoustic end Disposal Capital cost 0 & M cost	Applicable Details tion control arators, Stand scrubber and ETP closure for I to CHWTSI st: t:	of pollution of pollution of pollution of pollution of system ck of adequators OG set OF Not Application of	ble nt]	Not Applicable control Systems Proposed to be installed Multiple cyclone separators, wet scrubber, Stack of adequate height and scrubbers MEE, ETP & RO Acoustic enclosure for DG set Disposal to CHWTSDF				
Number 1 Source Air Water Noise Solid Waste Budgetary (Capital O&M	Allocation cost and cost):	Not a 50. isting pollur e cyclone sep height a MEI Acoustic end Disposal Capital cost 0 & M cost	Applicable Details tion control arators, Stand scrubber and ETP closure for I to CHWTSI st: cal Mar Construct	of pollution of pollution of pollution of pollution of system ck of adequators OG set OF Not Application of	ble nt]	Not Applicable control Systems Proposed to be installed Multiple cyclone separators, wet scrubber, Stack of adequate height and scrubbers MEE, ETP & RO Acoustic enclosure for DG set Disposal to CHWTSDF				
Number 1 Source Air Water Noise Solid Waste Budgetary (Capital O&M 51 Serial	Attri	Not a 50. isting pollute cyclone sep height a MEI Acoustic end Disposal Capital cost O & M cost Onment	Applicable Details tion control arators, Stand scrubber and ETP closure for I to CHWTSI st: cal Mar Construct Paran	of pollution system ck of adequators OG set OF Not Application ageme ction pha	ble nt]	Not Applicable control Systems Proposed to be installed Multiple cyclone separators, wet scrubber, Stack of adequate height and scrubbers MEE, ETP & RO Acoustic enclosure for DG set Disposal to CHWTSDF plan Budgetary Allocation with Break-up):				
Number 1 Source Air Water Noise Solid Waste Budgetary (Capital O&M 51 Serial Number	allocation cost and cost): Attri	Not a 50. isting pollute cyclone sep height a MEH Acoustic end Disposal Capital cost O & M cost Onment a) butes	Applicable Details tion control arators, Stand scrubber and ETP closure for I to CHWTSI st: cal Mar Construct Paran Air Po	of pollution system ck of adequators OG set OF Not Application ageme ction pha meter	ble nt]	Not Applicable Fontrol Systems Proposed to be installed Multiple cyclone separators, wet scrubber, Stack of adequate height and scrubbers MEE, ETP & RO Acoustic enclosure for DG set Disposal to CHWTSDF Plan Budgetary Allocation with Break-up): Total Cost per annum (Rs. In Lacs)				
Number 1 Source Air Water Noise Solid Waste Budgetary (Capital O&M 51 Serial Number 1	allocation cost and cost): Attri Delication cost and co	Not a 50. isting pollur e cyclone sep height a MEI Acoustic end Disposal Capital cos O & M cost Onment a) butes	Applicable Details tion control arators, Sta and scrubber and ETP closure for I to CHWTSI st: cal Mar Construct Paran Air Po Solid	of pollution of pollution of pollution of pollution of system of adequators of adequat	ble nt]	Not Applicable Fontrol Systems Proposed to be installed Multiple cyclone separators, wet scrubber, Stack of adequate height and scrubbers MEE, ETP & RO Acoustic enclosure for DG set Disposal to CHWTSDF Plan Budgetary Allocation with Break-up): Total Cost per annum (Rs. In Lacs) 1.0				
Number 1 Source Air Water Noise Solid Waste Budgetary (Capital O&M 51 Serial Number 1 2	allocation cost and cost): Attri Delication cost and co	Not a 50. isting pollume cyclone sep height a MEI Acoustic end Disposal Capital cost O & M cost Disposal Capital cost O with the cost Onment butes ist bris cuction oment	Applicable Details tion control arators, Stand scrubber and ETP closure for I to CHWTSI St: t: Construct Paran Air Po Solid Noise P	of pollution of pollution of pollution of pollution of system of adequaters OG set OF	ble ble se (1	Not Applicable Fontrol Systems Proposed to be installed Multiple cyclone separators, wet scrubber, Stack of adequate height and scrubbers MEE, ETP & RO Acoustic enclosure for DG set Disposal to CHWTSDF Plan Budgetary Allocation with Break-up): Total Cost per annum (Rs. In Lacs) 1.0 1.0				

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Serial Number	Component	Description	Capital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)
1	Air pollution control	Provision of Stacks for heating units, Scrubbers	6	0.25
2	Water pollution control	Effluent Treatment Plant RO Plant, Evaporator Waste minimization of effluent recycle	521	702.72
3	Noise pollution Control	Acoustic encl./ Ant vibration pads	1	1
4	Occupational health	Medical checkup, Health insurance policy, Medical staff charges, First aid facilities, consumables, In-house first aid room, Other infrastructure and Equipment	4	
5	Environmental Monitoring budget	Environmental Monitoring	-	6.96
6	Green belt	-	3	0.5
7	Total	-	535	714.43

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
Ortho Anisidine	Liquid	Raw Materials storage area	27	27	55	Imported	Sea & Road
Para Anisidine	Solid	Raw Materials storage area	10	10	20	Imported	Sea & Road
Para Toluidine	Solid	Raw Materials storage area	5	5	10	Imported	Sea & Road
Paracetamol	Solid	Raw Materials storage area	2.5	2.5	5.5	Local	Road
Freon 22	Gas	Raw Materials storage area	1.2	1.2	4.65	Local	Road
3 Hydroxy 2 Methyl Pyrone	Solid	Raw Materials storage area	5	5	11	Imported	Sea & Road
4-Nitro-3,5 Lutidine N- Oxide	Solid	Raw Materials storage area	5	5	5	Local	Road
5-Difluoromethoxy 2-Mercapto- Benzimidazole	Solid	Raw Materials storage area	2	2	11	Local	Road
2 Chloromethyl 3,4 Dimethoxy Pyridine.	Solid	Raw Materials storage area	2	2	12	Local	Road
5-Methoxy-2-Mercapto-1H-Benzimidazole	Solid	Raw Materials storage area	3	3	13.5	Local	Road
2-Chloromethyl-4-methoxy-3,5-dimethylpyridine hydrochloride	Solid	Raw Materials storage area	2	2	7	Local	Road
Ortho Chloro Phenyl Ethyl Amine	Liquid	Raw Materials storage area	1	1	7.3	Imported	Sea & Road
Amino Naphthalene	Solid	Raw Materials storage area	2.5	2.5	5	Imported	Sea & Road
Ortho Phenylene Diamine	Solid	Raw Materials storage area	5	5	25	Local	Road
Valleronitrile	Liquid	Raw Materials storage area	2	2	4	Local	Road
Glycine	Liquid	Raw Materials storage area	1	1	4	Local	Road



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5 Carboxy Phthalide	Solid	Raw Materials storage area	5	5	16	Local	Road
Bis(2 Chloro Ethyl) Amine. HCL	Solid	Raw Materials storage area	2.5	2.5	18	Local	Road
N. Butanol	Liquid	Raw Materials storage area	1	1	25	Local	Road
Para Nitro Chloro Benzene	Solid	Raw Materials storage area	2	2	6	Local	Road
Fluoro Boric Acid	Solid	Raw Materials storage area	1	1	3	Local	Road
Hydrogen Peroxide	Liquid	Raw Materials storage area	1.4	1.4	12	Local	Road
Sodium Hypo Chlorite Solution	Liquid	Raw Materials storage area	2	2	10	Local	Road
2{((3,4 Dimethoxy-2-pyridinyl)-Methyl)-thio}-5 Diflouromethoxy - Benzimidazole	Solid	Raw Materials storage area	3	3	10	Local	Road
5 Methoxy-2{(((3,5 Dimethyl-4Methoxy—2-pyridinyl)-Methyl)-thio} - Benzimidazole	Solid	Raw Materials storage area	3	3	16	Local	Road
2-[3-Methyl-4-(2,2,2-trifluoroethoxy)-2pyridinyl]methylthio-1H-benzimidazole	Solid	Raw Materials storage area	3	3	10	Local	Road
Acetic Anhydride	Liquid	Raw Materials storage area	2	2	17.3	Local	Road
Acetic Acid	Liquid	Raw Materials storage area	16	16	53	Local	Road
Carbon Disulphide	Liquid	Raw Materials storage area	4	4	15.2	Local	Road
Caustic Soda Lye / Flakes	Liquid	Raw Materials storage area	20	20	133	Local	Road
Sulphuric Acid	Liquid	Raw Materials storage area	10	10	20	Local	Road
Nitric Acid	Liquid	Raw Materials storage area	10	10	88	Local	Road
Hydrochloric Acid	Liquid	Raw Materials storage area	2	2	11.5	Local	Road
Dimethyl Sulphate	Liquid	Raw Materials storage area	2	2	15.2	Local	Road
Thionyl Chloride	Liquid	Raw Materials storage area	1	1	27.2	Local	Road
Phosphorus Oxo Chloride	Liquid	Raw Materials storage area	1	1	25.1	Local	Road
Sodium Nitrite	Solid	Raw Materials storage area	0.15	0.15	1.2	Local	Road
Sodium Hydro Sulphide (NaHS)	Liquid	Raw Materials storage area	15	15	19	Local	Road
Urea	Solid	Raw Materials storage area	3	3	9.3	Local	Road
Potassium Hydroxide	Solid	Raw Materials storage area	3	3	9	Local	Road
Ammonium Hydroxide	Liquid	Raw Materials storage area	2	2	11.3	Local	Road
Ammonium carbonate	Solid	Raw Materials storage area	1	1	3.5	Local	Road
Sodium methoxide	Solid	Raw Materials storage area	2	2	8	Local	Road
Solvents	-	-	-	-	-	-	-
Di Chloro Methane	Liquid	Tank Farm	10	10	10	Local	Road
Toluene	Liquid	Tank Farm	10	10	10	Local	Road
Acetonitrile	Liquid	Tank Farm	2	2	5	Local	Road
Methanol	Liquid	Class A Storage area	10	10	20	Local	Road
ODCB	Liquid	Tank Farm	10	10	20	Local	Road
Ethylene Dichloride	Liquid	Tank Farm	2	2	5	Local	Road
Dimethyl Formamide	Liquid	Tank Farm	2	2	5	Local	Road
Acetone	Liquid	Tank Farm	2	2	5	Local	Road
12000110	Liquid				3	Loom	11000

52.Any Other Information

No Information Available

53.Traffic Management

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

Not Applicable



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	_	
	Number and area of basement:	Not Applicable
	Number and area of podia:	Not Applicable
	Total Parking area:	1322.5 Sq.m.
	Area per car:	Not Applicable
	Area per car:	Not Applicable
Parking details:	Number of 2- Wheelers as approved by competent authority:	Not Applicable
	Number of 4- Wheelers as approved by competent authority:	Not Applicable
	Public Transport:	Not Applicable
	Width of all Internal roads (m):	6 m
	CRZ/ RRZ clearance obtain, if any:	Not Applicable
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	No such area within 10 km radius circle.
	Category as per schedule of EIA Notification sheet	5 (f) B1
	Court cases pending if any	Not Applicable
	Other Relevant Informations	Not Applicable
	Have you previously submitted Application online on MOEF Website.	Yes
	Date of online submission	26-03-2018
SEAC	DISCUSSION	ON ENVIRONMENTAL ASPECTS
Environmental Impacts of the project	Not Applicable	
Water Budget	Not Applicable	
Waste Water Treatment	Not Applicable	
Drainage pattern of the project	Not Applicable	
Ground water parameters	Not Applicable	
Solid Waste Management	Not Applicable	
		la a

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

Brief information of the project by SEAC

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

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

DECISION OF SEAC



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

PP to submit prefeasibility report for the propsoed expansion.

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

Specific Conditions by SEAC:

- 1) PP to submit certificate of incorporation of the company, list of directors and memorandum of articles.
- 2) PP to submit lay out plan showing entry/exit gates, internal road width of six meters, turning radius of nine meters, location of pollution control equipment, parking areas, waste storage areas, 33% green belt, rain water harvesting etc.
- 3) PP to submit copy of Structural Stability Certificate of the structures exists on the site.
- **4)** PP to submit an undertaking for not having any eco sensitive area in the range of 5 KM from proposed project site. PP to submit an undertaking for not violating any requirements of EIA Notification, 2006.
- **5)** PP to include detailed material balance charts for each product showing consumption of raw material, sources of pollution and mitigation measures to control the pollution and justified use of resources along with quantities in the EIA report.
- 6) PP to look into the efficiency of the process with respect to the equipment capacity; PP to submit data in this regard.
- 7) PP to carry out life cycle analysis of the activities carried out on site with respect to the sustainability index, green house and ozone depletion potential etc
- 8) PP to ensure to use imported coal with less than 6% ash content and 0.48% sulphur content.
- 9) PP to carry out HAZOP and Risk Assessment study and submit Disaster Management Plan.
- 10) PP to submit hazardous chemical handling protocol.
- 11) PP to submit drawings, cross sectional drawings of the manufacturing units, equipment layout plan along with report on adequacy of the existing space for the expansion activities.
- **12)** PP to include highlights of chemistry involved in the process in the EIA report.
- **13)** PP to submit detailed water balance calculations and include details of water conservation measure adopted in the EIA report.
- **14)** PP to submit details of ETP design with respect to the design of units proposed for effluent treatment. PP to ensure ZLD for the effluent treatment.
- 15) PP to use solar power of administrative building and street lights.
- **16)** PP to submit Form 2 along with EIA/EMP report as per OM issued by MoEF&CC on 20.04.2018.
- 17) PP to submit their plan to utilize CER (Corporate Environment Responsibility) along with timelines as per OM issued by MoEF&CC dated 01.05.2018.

FINAL RECOMMENDATION

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

Abhay Pimparkar (Secretary

SEAC-I)

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151st Meeting of State Level Expert Appraisal Committee (SEAC-I)

SEAC Meeting number: 151st (Day-2) Meeting Date May 24, 2018

Subject: Environment Clearance for proposed expansion project for manufacturing of dye intermediate by Multi Organics Pvt. Ltd., at Plot No. A-1, MIDC Industrial Area, Ghuggus Road, Padoli, Taluka & District Chandrapur, Maharashtra 442 406

Is a Violation Case: Yes

1.Name of Project Proposed expansion project for manufacturing of dye intermediate Multi Organi Plot No. A-1, MIDC Industrial Area, Ghuggus Road, Padoli, Taluka & District Ch Maharashtra 442 406. 2.Type of institution Private 3.Name of Project Proponent Multi Organics Pvt. Ltd. 4.Name of Consultant Goldfinch Engineering Systems Private Limited						
3.Name of Project Proponent Multi Organics Pvt. Ltd.						
4.Name of Consultant Goldfinch Engineering Systems Private Limited						
5.Type of project Industrial - Manufacturing of Dye Intermediate						
6.New project/expansion in existing project/modernization/diversification in existing project	7					
7.If expansion/diversification, whether environmental clearance has been obtained for existing project						
8.Location of the project Plot No. A-1, MIDC Padoli, Chandrapur, Maharashtra						
9.Taluka Chandrapur						
10.Village Chinchala						
Correspondence Name: Abhijeet B. Birewar						
Room Number: 503						
Floor: NA						
Building Name: Keshava, Bandra-Kurla Complex,						
Road/Street Name: NA						
Locality: Bandra						
City: Mumbai						
11.Area of the project MIDC, Chandrapur						
NA NA	NA NA					
12.IOD/IOA/Concession/Plan Approval Number IOD/IOA/Concession/Plan Approval Number: NA	IOD/IOA/Concession/Plan Approval Number: NA					
Approved Built-up Area: 20235	Approved Built-up Area: 20235					
13.Note on the initiated work (If applicable)						
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable) NA						
15.Total Plot Area (sq. m.) 20235						
16.Deductions NA						
17.Net Plot area 20235						
a) FSI area (sq. m.): 20235						
18 (a).Proposed Built-up Area (FSI & b) Non FSI area (sq. m.): NA						
c) Total BUA area (sq. m.): 20235	c) Total BUA area (sq. m.): 20235					
Approved FSI area (sq. m.): NA						
18 (b).Approved Built up area as per Approved Non FSI area (sq. m.): NA						
Date of Approval: 13-04-2018						
19.Total ground coverage (m2) 20235						
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)						
21.Estimated cost of the project 496720000						

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	2	2.Number of l	ouildings & its config	guration
Serial number	Buildin	g Name & number	Number of floors	Height of the building (Mtrs)
1		NA	NA	NA
23.Number tenants an		NA		
24.Number expected re users		NA		
25.Tenant per hectar		NA		
26.Height building(s)				
27.Right of (Width of t from the n station to t proposed h	the road earest fire the	9m		008
28.Turning for easy ac fire tender movement around the excluding for the plan	from all building the width	9m	0000	
29.Existing structure (NA	.0	
30.Details demolition disposal (I applicable)	with f	NA		

31. Production Details

		3212 20 42 43	2011 2001113	
Serial Number	Product	Existing (MT/M)	Proposed (MT/M)	Total (MT/M)
1	Beta Naphthol	525	375	900
2	Alpha Naphthol	100	150	250
3	1-Fluoronaphthalene	25	25	50
4	Total	650	550	1200
5	By-Product	-	-	-
6	Sodium Sulphate	500	400	900
7	Sodium Sulphite	725	600	1325
8	Tar	90	70	160
9	Calcium Sulphate	185	80	265
10	Total	1500	1150	2650
			D .	

32.Total Water Requirement



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

33.Details of Total water consumed

Particula rs	Cons	umption (CM	D)	Loss (CMD)			Effluent (CMD)		
Water Require ment	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total
Domestic	40	10	50	08	02	10	32	08	40
Industrial Process	115	100	215	106	94	200	09	6	15
Cooling tower & thermopa ck	285	240	525	264	230	494	21	10	31



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Fresh water requireme nt	440	350	790	378	326	704	62	24	86		
		Level of the (Ground	5 to 10 m							
		Size and no o tank(s) and Quantity:	of RWH	Tank of 5 m3							
		Location of the tank(s):	he RWH	Near stores	building and a	dmin offic	e building				
34.Rain Wa		Quantity of r pits:	echarge	- INII							
(RWH)		Size of recha	rge pits								
Budgetary allocation (Capital cost): 03 lac.											
		Budgetary al (O & M cost)		Rs. 0.5 lac./	annum		0				
		Details of UG if any:	T tanks	Not Availabl	le						
25.01		Natural wate drainage pat	_	As per slope	available at p	roject site					
35.Storm v drainage	vater	Quantity of s water:	torm	Not applical	ole						
		Size of SWD:		Not applical	ole						
		Sewage gene in KLD:	ration	40							
		STP technolo	gy:	Proposed STP							
Sewage a	nd	(CMD):		60							
Waste wa		the STP:		Not Applical	ot Applicable		reproject site Igement O FSR Ash = 0.30 TPD • Chemical Sludge from t carbon from ETP = 0.05 TPD FSR Ash = 0.30 TPD • Chemical Sludge from t carbon from ETP = 0.05 TPD				
				n Not Applicable							
				Not Applicable							
	2	36	Soli	d waste	Manage	ement	t				
Waste gener	ation in	Waste genera	ation:	Not Applical	ble						
the Pre Cons and Constru phase:	struction	STP technology: Capacity of STP (CMD): Location & area of the STP: Budgetary allocation (Capital cost): Budgetary allocation (O & M cost): Not Applicable Not Applicable Not Applicable Not Applicable Not Applicable Not Applicable Solid waste Management Waste generation: Not Applicable Not Applicable Disposal of the construction waste debris: Dry waste: Boiler Ash about 31 T/D Used Oil = 40 0 LPM • ESR Ash = 0 30 TPD • Chemical Sludge from									
		Dry waste:		Boiler Ash a	bout 31 T/D						
		Wet waste:							from		
Waste gen		Hazardous w	aste:						from		
in the oper Phase:	ation	Biomedical wapplicable):	vaste (If	Not Applical	ble						
		STP Sludge (sludge):	Dry	STP Sludge	will be used fo	r gardenir	ng				
JLAC-I)		Others if any	•	Not Applical	ble	II V	123 (Chui	rmun SLAC-1)			
								<u> </u>			

	Dry waste:	Send to Brick manufacturers & land filling				
	Wet waste:	CHWTSDF, Sale to registered reprocessor				
	Hazardous waste:	CHWTSDF, Sale to registered reprocessor				
Mode of Disposal of waste:	Biomedical waste (If applicable):	Not Applicable				
	STP Sludge (Dry sludge):	Not Applicable				
	Others if any:	Not Applicable				
	Location(s):	Plant Area, Raw material storage area, Finished Goods storage, Office Building, Utility area, Parking area, Hazardous waste storage, Open space & internal roads, ETP, MEE & RO, Green belt area				
Area requirement:	Area for the storage of waste & other material:	1400.00 m2				
	Area for machinery:	2743.43 m2				
Budgetary allocation (Capital cost and	Capital cost:	Included in capital cost				
O&M cost):	O & M cost:	Rs. 10 lacs./year				
27 Effluent Characterestics						

37.Effluent Charecterestics

	37,221140110 01141 00101 00100						
Serial Number	Parameters	Unit Inlet Effluent Charecterestics		Outlet Effluent Charecterestics	Effluent discharge standards (MPCB)		
1	рН	-	8.0 to 9.5	Not Applicable as project is ZLD	ot Applicable as project is ZLD		
2	COD	mg/lit	1500	Not Applicable as project is ZLD	ot Applicable as project is ZLD		
3	BOD (3 days 27° C)	mg/lit	700	Not Applicable as project is ZLD	ot Applicable as project is ZLD		
4	TSS	mg/lit	300	Not Applicable as project is ZLD	ot Applicable as project is ZLD		
5	Oil & Grease	mg/lit	10	Not Applicable as project is ZLD	ot Applicable as project is ZLD		
Amount of e (CMD):	effluent generation	46.0 CMD					
Capacity of	the ETP:	100.0 CMD					
Amount of t recycled :	created effluent	46.0 CMD					
Amount of v	water send to the CETP:	Not Applicable as this unit will be run as Zero Liquid Discharge (ZLD) Unit					
Membershi	p of CETP (if require):	Not Applicable					
Note on ET	P technology to be used	Effluent from process having high TDS will treat in MEE, and low TDS will treat in ETP & RO permeate will be recycle and reuse and RO reject will be treated in MEE. Thus, unit will be Complete ZLD unit.					
Disposal of	the ETP sludge	CHWTSDF					
		20 II.	zardous Masta D) otošlo			

38.Hazardous Waste Details

Serial Number	Description	Cat	UOM	Existing	Proposed	Total	Method of Disposal
1	Chemical Sludge from ETP	35.3	TPD	0.10	0.10	0.20	CHWTSDF
2	FSR Ash	26.2	TPD	0.15	0.15	0.30	CHWTSDF
3	Used Oil	5.1	LPM	25.00	15.00	40.00	Sale to registered reprocessor



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	0 1 1 0								
4	Spent carbon from ETP	36.2	TPD	00.00	0.05	0.05	CHWTSDF		
5	Non-Hazardous Waste	-	-	-	-	-	-		
6	Discarded drums and containers	- Kg/M		0	100	100	Recycler / sell to approved vendor		
7	Polyethylene Bags	-	Kg/M	0	1000	1000	Reused for byproducts & hazardous waste packing / sell to approved vendor		
8	Paper Bag	-	Kg/M	0	10	10	Recycler / sell to approved vendor		
9	Light density polyethylene bag	-	Kg/M	0	100	100	Recycler / sell to approved vendor		
	39.Stacks emission Details								
Serial Number	Section & units		sed with ntity	Stack No.	Height from ground level (m)	Internal diameter (m)	Temp. of Exhaust Gases		
1	Boiler- 1 (4 TPH) (Existing, Stand by)		l/Briquettes/ gas-	01	27 m.	0.65 m	160 0C		
2	Boiler - 2 (4.5 TPH) (Existing, Stand by)		l/Briquettes/ gas	01	27 m.	0.65 m	160 OC		
3	Boiler - 3 (4 TPH) (Existing)		l/Briquettes/ gas	01	27 m.	0.65 m	160 OC		
4	Boiler - 4 (9 TPH) (Existing)		Coal/Biofuel/Briquettes/ Bagas		30 m.	1.1 m	160 0C		
5	8 Lac Kcal/hr (Existing)	FO/LD	FO/LDO/ HSD		27 m.	0.6 m	160 0C		
6	6 Lac Kcal/hr (Existing)	FO/LD	O/ HSD	01	16m	0.5 m	160 OC		
7	15 Lac Kcal/hr (Existing)	FO/LD	O/ HSD	01	27m	0.65 m	160 OC		
8	D G Sets 320 KVA (Existing)	HSD, 8	7 lit./hr.	01	9m	-	-		
9	D G Sets 100 KVA (Existing)	HSD, 2	8 lit./hr.	01	6.5m	-	-		
10	FSR (Existing)	FO/LD	O/ HSD	01	27m	0.45 m	90 OC		
11	Boiler - 5 (20 TPH) (Proposed)		l/Briquettes/ gas	01	42m	1.2 m	160 OC		
12	10 Lac Kcal/hr (Proposed)		l/Briquettes/ gas	01	31m	0.65 m	160 OC		
	5	40.De	tails of F	uel to be	e used				
Serial Number	Type of Fuel		Existing		Proposed		Total		
1	Coal/Biofuel/ Briquet Bagas	tes/	4345 Kg/hr		3205 Kg/hr		7600 Kg/hr		
2	FO/LDO/ HSD		150 Kg/hr 00				150 Kg/hr		
3	HSD for DG Set		115 lit./hr				115 lit./hr		
41.Source	of Fuel	Local							
42.Mode of	Transportation of fuel to	site By Ro	oad						



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	Total RG area:	6677.55 m2
43.Green Belt Development	No of trees to be cut :	Trees are not available at project side
	Number of trees to be planted :	550.00 nos.
	List of proposed native trees :	Terminaliaarjuna (Arjun), Bauhinia racemosa(Apta), Ficusbenghalensis(Vad), Ficusreligiosa(Pimpal), Polyalthialongifolia(Ashok), Azadirachtaindica(Kaduneem), Cassia fistula (Bahava), Neolamarckiacadamba(Kadamb), Teminaliatomentosa(Ain), Lagerstroemia speciosa(Taman), Bougainvillea spectabilis(Bouganvel), Lantana camara(Ghaneri), Calatropisgigentia(Rui), Hibiscus rosasinensis(Jaswand), Neriumindicum(Kanher)
	Timeline for completion of plantation :	5 Years.

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

				b
Serial Number	Name of the plant	Common Name	Quantity	Characteristics & ecological importance
1	Terminalia arjuna	Arjun	75	Pollution resistant and Native
2	Bauhinia racemosa	Apta	20	Pollution resistant and Native
3	Ficus benghalensis	Vad	20	Pollution resistant and Native
4	Ficus religiosa	Pimpal	75	Pollution resistant and Native
5	Polyalthia longifolia	Ashok	20	Pollution resistant and Native
6	Azadirachta indica	Kaduneem	25	Pollution resistant and Native
7	Cassia fistula	Bahava	20	Pollution resistant and Native
8	Neolamarckia cadamba	Kadamb	75	Pollution resistant and Native
9	Teminalia tomentosa	Ain	25	Pollution resistant and Native
10	Lagerstroemia speciosa	Taman	30	Pollution resistant and Native
11	Bougainvillea spectabilis	Bouganvel	50	Pollution resistant and Native
12	Lantana camara	Ghaneri	20	Pollution resistant and Native
13	Calatropis gigentia	Rui	25	Pollution resistant and Native
14	Hibiscus rosasinensis	Jaswand	50	Pollution resistant and Native
15	Nerium indicum	Kanher	20	Pollution resistant and Native
45	.Total quantity of plar	nts on ground		

46. Number and list of shrubs and bushes species to be planted in the podium RG:

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

47.Energy



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		Source of p	ower	MSEDCL					
		supply: During Cor Phase: (De Load)		Not Applica	ble				
		DG set as I back-up du construction	ıring	Not Applica	Not Applicable				
Pov	om	During Open phase (Conload):		3000 KVA	3000 KVA				
require	_	During Open phase (Der load):		2550 KVA					
		Transform	er:	2500 KVA					
		DG set as I back-up du operation p	ıring	320 KVA (1	320 KVA (1 no.) & 100 KVA (1 no.)				
		Fuel used:		HSD					
		Details of l tension lin through th any:	e passing	No high tension line is passing through the plot					
		48.Ene	rgy savi	ng by noi	n-con	ventional method:			
NIL			33	<u> </u>					
		49	9.Detail	calculati	ons &	x % of saving:			
Serial Number	E	nergy Cons			>>	Saving %			
1			NA	×)	>	NA			
		50.	Details	of polluti	ion c	ontrol Systems			
Source	Ex	isting pollu	$-\alpha$	1		Proposed to be installed			
Air		quate height		clone separators, Stack of adequate height, multiple cyclone separators, Bag filter					
Water		MEE,	ETP & RO	MEE, ETP & RO					
Noise		Acoustic end	losure for D)G set		Acoustic enclosure for DG set			
Solid Waste		Disposal	to CHWTSI)F		Disposal to CHWTSDF			
Budgetary		Capital cos	st:	NA					
(Capital O&M	cost and cost):	O & M cost	t:	NA					
51	51.Environmental Management plan Budgetary Allocation								
	a) Construction phase (with Break-up):								
Serial Number	Attributes Daves			neter		Total Cost per annum (Rs. In Lacs)			
1	Dı	ıst	Air Po	llution	ion 12.0				
2	Del	oris	Solid	Waste		5.0			
3	Construct	ion motor	Noise P	ollution		3.0			
	b) Operation Phase (with Break-up):								



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Serial Number	Component	Description	Capital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)
1	Air pollution control	Provision of stacks of height as per CPCB, multiple cyclone separators, Bag filter	100	3
2	Water pollution control	MEE, ETP & RO operation cost, Rain water harvesting	500	200
3	Noise pollution Control	Acoustic enclosure/Ant vibration pads	10	1
4	Environment Monitoring budget	Environment Monitoring	30	8
5	Occupational health care	Medical checkup, Health insurance policy, Medical staff charges, First aid facilities consumables, Control of fugitive emissions	5	10
6	Hazardous waste Storage & disposal	Storage, Transportation and disposal	5	12
7	Green belt	Development & Maintenance	5	3

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
Naphthalene	Solid	Godown	2000	2000	1500	Imported/Local	Road
Sulphuric Acid	Liquid	tank	175	170	1800	Local	Road
Caustic Soda Lye	Liquid	tank	30	25	300	Local	Road
Caustic Soda Flakes	Solid	Godown	500	400	1000	Local	Road
Lime Power	Solid	Godown	50	50	100	Local	Road
1-naphthalamine	Solid	Godown	50	50	100	Local	Road
NaNo2	Solid	Godown	10	10	50	Local	Road
NaBF4	Solid	Godown	50	50	100	Local	Road

52.Any Other Information

No Information Available

53.Traffic Management

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

NA



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	Number and area of basement:	NA
	Number and area of podia:	NA
	Total Parking area:	1665
	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):	6m
	CRZ/ RRZ clearance obtain, if any:	NA
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	No Protected area within 10 km radius circle.
	Category as per schedule of EIA Notification sheet	5(f) B1
	Court cases pending if any	NA
	Other Relevant Informations	Not Applicable
	Have you previously submitted Application online on MOEF Website.	Yes
	Date of online submission	13-04-2018
	DISCUSSION	ON ENVIRONMENTAL ASPECTS
Environmental Impacts of the project	Not Applicable	
Water Budget	Not Applicable	
Waste Water Treatment	Not Applicable	
Drainage pattern of the project	Not Applicable	
Ground water parameters	Not Applicable	
Solid Waste Management	Not Applicable	
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Air Quality & Noise Level issues	Not Applicable
Energy Management	Not Applicable
Traffic circulation system and risk assessment	Not Applicable
Landscape Plan	Not Applicable
Disaster management system and risk assessment	Not Applicable
Socioeconomic impact assessment	Not Applicable
Environmental Management Plan	Not Applicable
Any other issues related to environmental sustainability	Not Applicable

Brief information of the project by SEAC

PP submitted their application for grnat of ToR under category 5(f)B1 for violation project and expansion as per amended Notification issued by MoEF&CC dated 08.03.2018,

PP applied for the grant of ToR to the MoEF&CC on 13.04.2018 and SEIAA vide Unique ID No1262.. on 13th April, 2018 on SEIAA portal for grant of ToR as a case of violation and expansion.

DECISION OF SEAC

After detailed deliberations with the PP and their accredited cosultant, it was observed that PP was not having adequate information to present to the committee.

Hence deferred.

Specific Conditions by SEAC:

FINAL RECOMMENDATION

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



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Dr. Umakant Dangat
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