	156th Meetii	ng of State I	evel Expert Appraisal	Committee (SEAC-1)			
	SEAC Meeting number: 156th Day-2 Meeting Date October 5, 2018						
Subject: Er	nvironment Clearanc	e for Proposed A	PI Manufacturing unit of M/s C	hinchem Laboratories Pvt. Ltd.			
Is a Violati	on Case: No	1	<u> </u>				
Conoral I	Constal Information, Vanue, Maharashtra Economia Development Council Roard Room, 3rd Floor, V						
B. Chavan	Centre, Gen. Jag	annathrao Bho	sale Marg, Near Mantrala	ya, Mumbai- 400 020.			
1.Name of P	roject	M/s Chincher	n Laboratories Pvt. Ltd.				
2.Type of ins	stitution	Private					
3.Name of P	roject Proponent	Dr. Nikhil Dh	loot				
4.Name of C	onsultant	M/s Sadekar	Enviro Engineers Pvt. Ltd.				
5.Type of pro	oject	Not applicab	le				
6.New project project/mode in existing p	ct/expansion in existi ernization/diversifica roject	ng tion New Project	Jon New Project (Green Field Project)				
7.If expansion/diversification, whether environmental clearance has been obtained for existing project							
8.Location o	f the project	G-18, Lote-Pa	arshuram Industrial Area MIDC				
9.Taluka		Khed					
10.Village		Dhamandevi					
11.Area of th	ne project	Lote Parshur	am MIDC				
12 100/104	Concoccion /Dl	NA					
Approval Nu	mber	IOD/IOA/Co	ncession/Plan Approval Number:	Plan is not yet approved			
		Approved B	uilt-up Area: 6300				
13.Note on the initiated work (If applicable) NA							
14.LOI / NO Other appro	14.LOI / NOC / IOD from MHADA/ Possession receipt from MIDC Other approvals (If applicable) Possession receipt from MIDC						
15.Total Plo	t Area (sq. m.)	20000 sq.m.					
16.Deduction	ns	Not applicab	le				
17.Net Plot	area	Not applicab	le				
10 (a) Drama	and Dutit up Area (E	a) FSI area	a) FSI area (sq. m.): Not applicable				
Non-FSI)	seu built-up Alea (F3	b) Non FSI a	b) Non FSI area (sq. m.): Not applicable				
		c) Total BU	c) Total BUA area (sq. m.): Not applicable				
18 (b) Appro	wod Built un area as	Approved FS	Approved FSI area (sq. m.):				
DCR	weu Duiit up aiea as	Approved N	Approved Non FSI area (sq. m.):				
		Date of App	Date of Approval:				
19.Total gro	und coverage (m2)	Not applicab	le				
20.Ground-c (Note: Perce to sky)	overage Percentage (entage of plot not ope	(%) Not applicable	le				
21.Estimate	d cost of the project	27000000					
	22.Nu	mber of l	buildings & its co	nfiguration			
Serial number	Building Name	e & number	Number of floors	Height of the building (Mtrs)			
1	Not appli	icable	Not applicable	Not applicable			
23.Number	r of Not app	plicable	**	**			
tenants an 24.Number expected r users	a shops rof esidents / Not app	plicable					
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25.Tenant per hectar	density e	Not applicabl	е				
26.Height building(s	of the)						
27.Right o (Width of f from the n station to proposed l	f way the road earest fire the building(s)	8 meter					
28.Turning for easy ac fire tender movement around the excluding for the pla	g radius ccess of f from all e building the width ntation	Not applicabl	e				
29.Existing	g (s) if any	Not applicabl	e				
30.Details demolition disposal (I applicable	0.Details of the lemolition with lisposal (If applicable)						
31.Production Details							
Serial Number	Product		Existing (MT/M)	Proposed (MT/M)	Total (MT/M)		
1	Isosorbide-5	5-Mononitrate	0	5.0	5.0		
2	Diluted Is Mono	osorbide-5- onitrate	0	10.0	10.0		
3	Diluted Din	Isosorbide itrate	0	15.0	15.0		
4	Diluted N	itroglycerin	0	25.0	25.0		
5	Isoso	orbide	0	5.0	5.0		
6	Dimethyl	Isosorbide	0	5.0	5.0		
7	Carbi	mazole	0	2.5	2.5		
8	Methi	imazole	0	2.5	2.5		
9	Acetic Acid	(By-product)	0	2.08	2.08		
		32	2.Total Water	Requirement	-, ,		
	SE						



		Source of water Not applicable									
		Fresh water	(CMD):	Not applicable							
		Recycled wa Flushing (CM	ter - 4D):	Not applicab	ole						
		Recycled wat Gardening (ter - CMD):	Not applicable							
		Swimming p make up (Cu	ool m):	Not applicab	Not applicable						
Dry seasor	1:	Total Water Requiremen :	t (CMD)	Not applicat	ble						
		Fire fighting Underground tank(CMD):	d water	Not applicat	ble			...			
		Fire fighting Overhead wa tank(CMD):	iter	Not applicat	ble			Dr.			
		Excess treat	ed water	Not applicab	ole						
		Source of wa	iter	Not applicab	ole						
		Fresh water	(CMD):	Not applicat	ole						
Recycled water - Flushing (CMD):			ter - 4D):	Not applicat	ole						
Recycled water - Gardening (CMD):			Not applicable								
Swimming pool make up (Cum): Not applicable					ole						
Wet seaso	n:	Total Water Requiremen :	t (CMD)	Not applicat	ble						
		Fire fighting Underground tank(CMD):	Fire fighting - Underground water tank(CMD):		Not applicable						
		Fire fighting Overhead wa tank(CMD):	iter	Not applicable							
		Excess treat	ed water	Not applicab	ole						
Details of pool (If an	Swimming y)	Not applicable	9								
		33	.Detail	s of Total	water co	nsumed	l				
Particula rs	Cons	sumption (CM	ID)]	Loss (CMD)		Eff	luent (CMD)			
Water Require ment	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total		
Domestic	0	1.8	1.8	0	0.36	0.36	0	1.44	1.44		
Industrial Process	0	51	51	0	0	0	0	63.04	63.04		
Cooling tower & thermopa ck	0	241.31	241.31	0	0 207.64 207.64			33.67	33.67		
Gardening	0	19.47	19.47	0	19.47	19.47	0	0	0		

about the signed			Signature:
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Fresh water requireme nt	0	313.58	313.58	0	227.47	227.47	0	98.15	98.15		
		Level of the water table:	Ground	NA							
		Size and no tank(s) and Quantity:	of RWH	NA							
	Location of the RWH tank(s):			NA							
34.Rain V Harvestij	Water	Quantity of 1 pits:	recharge	NA	NA						
(RWH)	-9	Size of recha	arge pits	NA				N.V			
		Budgetary a	llocation	NA							
		Budgetary al	llocation	NA							
		Details of U(GT tanks	Undergroun	d Fire Hydran L will be const	t Tank- 300) KL and Pro	cess water sto	rage		
		II ully .			L WIII DE COIIS	liuotou					
Natural water				Storm water	r drainage will	be provide	ed				
35.Storm water drainage Quantity of storm water:			66.6 KL/Hr								
		Size of SWD	:								
		Sewage gene in KLD:	eration	1.44							
		STP technology:		Sewage generated from domestic activity will be treated in Septic tank and overflow from septic tank will be connected to the Aeration tank of ETP.							
Sewage	and	Capacity of S (CMD):	STP	NA							
Waste w	vater	Location & a the STP:	rea of	NA							
		Budgetary a (Capital cost	llocation	NA							
	SY	Budgetary a (O & M cost)	llocation):	NA							
	·	30	5.Soli	d waste	Manag	ement	-				
Waste gen	eration in	Waste gener	ation:	220.5 MT co	onstruction wa	ste will get	generated d	uring construe	ction		
the Pre Co and Constr phase:	nstruction ruction	Disposal of t construction debris:	he waste	Construction waste will be disposed through local body.							
		Dry waste:		NA							
		Wet waste:		NA							
Waste ge	neration	Hazardous w	vaste:	NA							
in the op Phase:	eration	Biomedical v applicable):	waste (If	NA							
		STP Sludge sludge):	(Dry	NA							
		Others if any	/:	NA							

		D		NT A						
		Dry waste:		NA						
		Wet waste		NA						
Madaaf	Dianasal	Hazardous	waste:	NA						
of waste:	Disposai	Biomedica applicable	l waste (If):	NA	NA					
		STP Sludg sludge):	e (Dry	NA						
		Others if a	ny:	NA						
		Location(s	;):	Dedicated area for HW storage will be provided as per plot layout						
Area requirem	ent:	Area for the storage of waste & other material:								
		Area for m	achinery:							
Budgetary	allocation	Capital cos	st:	5						
(Capital co O&M cost)	st and :	O & M cos	t:	10						
			37.Ef	fluent C	harecter	estics				
Serial Number	r Parameters Unit			Inlet E Charect	ffluent erestics	Outlet I Charect	Effluent erestics	Effluent discharge standards (MPCB)		
1	p	Н		3	.6	In betwee	en 6.5-8.5	In between 6.5-8.5		
2	CC	DD	mg/l	900	90000 <250			<250		
3	BC	DD	mg/l	30000 <100			<100			
4	TI	DS	mg/l	195000 <2100			<2100			
5	TS	SS	mg/l	7000 <100				<100		
Amount of e (CMD):	of effluent generation 98.15 CMD									
Capacity of	the ETP:		HCOD/HTD MEE with A : 95 CMD	S treatment ATFD of 77 C	Pre Primary MD capacity	y + Primary ' v And MEE co	Treatment fo ondensate +	bllowed by Stripper LCOD/LTDS treatment		
Amount of t recycled :	reated efflue	ent	67 CMD	>						
Amount of v	water send to	o the CETP:	It will be ZI	LD project						
Membershi	p of CETP (if	f require):	NA Provisio	nal member	ship will be t	taken				
Note on ET	P technology	to be used	HCOD/HTD treatment f be treated i be connecte with LCOD system and	S effluent fr ollowed by S n convention ed to the aer effluent. After the reject fr	om process v tripper MEE hal ETP. The ation system er tertiary tr om RO will b	will be treate with ATFD. condensate of conventic eatment it w be connected	d by giving p while the LC from MEE and onal ETP and ill get passed to evaporat	pre primary + Primary COD/ LTDS effluent will nd sewage effluent will l it will be treated along d through two stage RO or of MEE		
Disposal of	the ETP sluc	lge	ETP sludge	will be dispo	osed through	1 CHWTSDF,	Taloja			
			38.H a	zardous	Waste D	etails				
Serial Number	Descr	iption	Cat	UOM	Existing	Proposed	Total	Method of Disposal		
1	Distillatio	n Residue	20.3	T/M 0 22.20 22.20 CHWTSDF, Tak						
2	Spent	Carbon	28.3	T/M 0 1.99 1.99 CHWTSDF, Ta						
3	Chemical S Wastewate	oludge from r treatment	35.3	T/M	0	3.0	3.0	CHWTSDF, Taloja		
4	Process	Residue	28.1	T/M	0	1.95	1.95	CHWTSDF, Taloja		
5	MEE R	Residue	37.3	T/D	0	13	13	CHWTSDF, Taloja		

agen or many			Signature: Name: Dr. Umakant Gangetreo Dangat
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6	Discarded barrels/lin bags/ H	containers ers/ plastic PPE etc	33.1	Nos/M	0	1000	1000	CHWTSDF, Taloja / MPCB authorized recycler	
7	Recove Solvents fr effluent str Strippe	red Mix om Process ream using er MEE	28.2	T/M	0	21	21	CHWTSDF, Taloja	
8	Sper	nt Oil	5.1	Lit/M	0	200	200	MPCB authorized recycler	
			39.5	tacks em	ission D	etails			
Serial Number	Section	& units	Fuel U Qua	sed with antity	Stack No.	Height from ground level (m)	Internal diameter (m)	Temp. of Exhaust Gases	
1	0.5 TPH I No	boiler X 2 os.	LDO : (.235 KLD	1	30	0.6	110	
2	2.0 TPI	H boiler	LDO : 2	.122 KLD	2	30	0.6	110	
3	Thermo 250000 K N	ppack of cal/ hr X 2 os	LDO :	0.7 KLD	3	30	0.6	110	
4	Scrub	ber -1			4	11	0.4	32	
5	Scrub	ber -2			5	11	0.4	32	
6	Scrub	ber -3			6	11	0.4	32	
7	Scrub	ber -4			7	11	0.4	32	
8	Scrub	ber -5			8	11	0.4	32	
9	D.G. set	400 KVA	HSD: 8	39.5 L/Hr	9	4 meter above roof	0.12	50	
			40.D	etails of H	Fuel to b	e used			
Serial Number	Тур	e of Fuel		Existing	Existing Proposed			Total	
1		LDO		0	0 3.06 KL/D			3.06 KL/D	
2		HSD		0		89.5 L/Hr		89.5 L/Hr	
41.Source of	of Fuel		Loca	al Vendor					
42.Mode of	Transportat	ion of fuel to	site By r	oad					
				0.000					
		Total RG a	rea :	3894 sq.m.					
		NO OI TREES	s to be cut	NA	NA				
	SY	Number of be planted	trees to :	566					
43.Green Belt Development List of proposed native trees :		Aegle marn Terminalia indica, Tern Plumeria ru Oroxylum i monosperm Bougainvill	Aegle marmelos, Terminalia bellerica, Mangifera indica, Derris indica, Terminalia arjuna,Neolamarckia cadamba, Bombax ceiba, Azadirachta indica, Terminalia paniculata, Terminalia elliptica, Schleichera oleosa, Plumeria rubra, Ixora coccinea, Heterophragma quadriloculare, Oroxylum indicum, Nerium oleander, Catunaregum spinosa, Butea monosperma, Cassia fistula, Tabernaemontana alternifolia, Bougainvillea spectabiis,						
		Timeline for completion plantation	or 1 of :	1 year after	r grant of En	vironmental	Clearance		
	44.Nu	mber and	l list of	trees spe	cies to b	e plante	d in the g	ground	

2-020 These			Signature:
CE69			Name: Dr. Umakant Gangetreo Dangat
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Serial Number	Name of the pl	ant Co	ommon Name	Name Quantity			Characteristics & ecological importance		
1	Ixora coccinea	a Ru	ıkmini/Bakavali	20		throu]	A native shrub blooming throughout the year usually visited by nectar feeding birds & butterflies.		
2	Heterophragm quadrilocular	ia e	Waras	25		A na nec ar	tive deciduous tree visited by tar feeding birds. Large leaf ea helps in settling of dust.		
3	Oroxylum indicu	um	Tetu	25		A native ornamental tree.			
4	Nerium oleand	er	Kaner	35		A na res	ative hardy species, drought istant with fragrant flowers.		
5	Catunaregum spi	nosa	Gela	30		M ar	ountain Pomegranate is an med shrub or small native evergreen tree		
6	Butea monosper	ma	Palash	30		A na fed	tive brilliantly flowering tree by local birds fairly common		
7	Cassia fistula		Bahava	20		Na fl	tive ornamental tree having owers attracting bees and butterflies		
8	Tabernaemonta alternifolia	na	Naag kuda	20		A s	small evergreen native tree		
9	Bougainvillea spectabiis	L	Booganvel	8		An	ornamental tree blooming throughout the year		
10	Plumeria rubr	a	Chafa	20		An evergreen brilliantly flowering shrub			
11	Schleichera oleo	osa	Kusum	33		A na	tive tree found in abundance in Sahyadris.		
12	Terminalia ellipt	tica	Ain	30		A native evergreen broad leaved tree common in the Sahyadris.			
13	Terminalia panicu	ılata	Kindal	25		Kindal is a tropical tree with a large natural distribution in Western Ghats			
14	Azadirachta ind	ica	Neem	85		A nat p	tive evergreen tree known for lantation in polluted area.		
15	Bombax ceiba	1	Sawar	10		A native tree with large showy flowers visited by birds.			
16	Neolamarckia cadamba	1	Kadamba	10		A nat	tive evergreen tree with thick canopy.		
17	Terminalia arju	na	Arjun	20		A nat	tive evergreen tree with large canopy		
18	Derris indica		Karanja	30		A nat	tive tree blooming throughout the year		
19	Mangifera indi	ca	Amba	40		A nat can	tive evergreen tree with large topy & large leaf area which helps in dust settling		
20	Terminalia belle	rica	Baheda	30		A nat	ive medicinally important tree		
21	Aegle marmelo	os	Bael	20			A native evergreen tree		
45	5. Total quantity o	f plants on	ground				11 .1 11 20		
46.Nun	nber and list	of shrub	s and bushes	s species t	o be pla	ante	d in the podium RG:		
Serial Number	Name		C/C Dista	ince			Area m2		
1 NA NA					11		NA		
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				47.E r	ierg	I y			
		Source of supply :	power	MSEDCL					
		During Co Phase: (De Load)	nstruction emand	300 KW					
Dowor		DG set as back-up du construction	Power 1ring on phase	NA	NA				
		During Op phase (Con load):	eration mected	400 KW	400 KW				
require	ement:	During Op phase (Der load):	eration nand	400 KW	400 KW				
		Transform	er:	625 KVA					
		DG set as back-up du operation	Power ıring phase:	400 KVA		00 ×			
		Fuel used:		HSD					
		Details of itension lim through the any:	high le passing le plot if	NA					
		48.Ene	ergy savi	na po no	n-c o i	ventional method:			
NA	NA								
		4	9.Detail	calculati	ons a	& % of saving:			
Serial Number	Е	energy Cons	ervation M	easures	asures Saving %				
1			NA		NA				
		50	.Details	of polluti	ion c	ontrol Systems			
Source	E	Existing poll	ution contr	ol system		Proposed to be installed			
Process Emissions			NA			Total 5 Acid/Alkali Scrubbers will be provided with stack height of 11 m height			
Boiler and Thermopack	Σ.		NA			3 number of Stacks of 30 meter height will be provided			
D.G. set			NA			Stack of 4 meter height above roof will be provided			
Budgetary	allocation	Capital cos	st:	NA					
O&M	cost and cost):	0 & M cos	t:	NA					
51	.Envir	onment	al Mar	nageme	ent p	olan Budgetary Allocation			
		a)	Construc	ction pha	se (v	with Break-up):			
Serial Number	Attri	butes	Para	meter		Total Cost per annum (Rs. In Lacs)			
1	Air Envi	ronment	Dust su	pression		2			
2	Water En	vironment	Arrange sanitary fa mobile te	ement of acility like oilets etc		5			

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3	Solid Haz	ardous waste	Handling, transportation an disposal of Construction was through local bod	d te ly	5					
4	Noise E	nvironment	PUC certified vehic etc, PPE	les				1		
	_	b) Operation Pl	nase ((wi	th Breal	k-up)):		
Serial Number	Com	ponent	Description	0	Capi	tal cost Rs Lacs	. In	Operat CO	tional and ost (Rs. in	Maintenance Lacs/yr)
1	Air En	vironment	Construction of 3 stacks and installat of 5 nos of proces scrubbers with sta height of 11m heig	tion of 3 Installation f process 117.7 with stack 1m height			15.2			
2	Water E	nvironment	Purchase of Stripp MEE with ATFD construction of ET and installation of system	e of Stripper vith ATFD, ction of ETP 360 allation of RO vstem			360 21.8			
3	Noise E	nvironment	Noise Pollution Control, Installation anti-vibration pads Enclosures.	n of , &	2			0.5		
4	Envi: Moni Mana	ronment toring & agement	Monitoring		0			3.5		
5	Occupat	ional Health	Glares, Breathing Masks, Gloves, Boo Helmets, Ear Plug etc. & annual heal medical checkup workers, Occupatio Health (training, O center)	Glares, Breathing Masks, Gloves, Boots, Helmets, Ear Plugs etc. & annual health- medical checkup of orkers, Occupational eealth (training, OHC				2		
6	Gre	en Belt	Development and maintenance of gre belt	d een		10.3		2.16		
7	Soli Mana	d waste agement	Solid Waste Management			5		10		
51.S	torag	e of che	micals (infl sub	ama stan	nbl Nce	e/explo s)	osiv	e/haz	zardou	s/toxic
Descri	Description Status		Storag Location Capaci in MT		ge Sity T	Maximum Quantity of Storage at any point of time in MT	Consu / Mo N	imption nth in MT	Source of Supply	Means of transportation
40% M methac	ethyl rylate	Liquid	Drum	19.5	5	19.5	5	8.4	Local	By Road
70% H	INO3	Liquid	Tank	5		5	13	3.96	Local	By Road
70% So	orbitol	Liquid	Tank	25		25	7	2.5	Local	By Road
98% H	INO3	Liquid	Tank	3.5		3.5	9	.74	Local	By Road
Acetic An	hydride	Liquid	Drum	10.5	5	10.5	30).94	Local	By Raod

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Acetone	Liquio	l Carboy		15.5	15.5	46.08	Local	By Road			
Ammonium Thiocynate	Solid Bags			2.5	2.5	6.4	Local	By Road			
Bromine	Liquio	l Bottles		11.3	11.3	67.7	Local	By Road			
Charcoal	Solid	Bags		0.98	0.98	0.98	Local	By Road			
Dimethyl Sulphate	Liquio	l Drum		5	5	15	Local	By Road			
Ethyl chloroformate	Liquio	l Drum		1	1	2.9	Local	By Road			
Glycerin	Liquio	l Carboy		0.4	0.4	1.13	Local	By Road			
Isosorbide-2-Acet	Liquio	l Drum		6	6	16.77	Local	By Road			
КОН	Solid	Bags		15	15	45	Local	By Road			
Lactose	Solid	Bags		14.5	14.5	43.75	Local	By Road			
Methanol	Liquio	l Tank		20	20	132.7	Local	By Road			
Methylene Chloride	Liquio	l Drum		2.5	2.5	7.35	Local	By Road			
p-Toulene Sulphonic Acid	Solid	Bags		0.58	0.58	0.58	Local	By Road			
Pyridine	Liquio	l Drum		0.5	0.5	2.15	Local	By Road			
Soda Ash	Solid	Bags		4	4	11.6	Local	By Road			
Sodium acetate anhydrous	Solid	Bags		0.5	0.5	1.4	Local	By Road			
Sodium Hydroxide	Solid	Bags		2	2	6.3	Local	By Road			
Sodium Methoxide	Solid	Bags		0.46	0.46	0.46	Local	By Road			
Sulphuric Acid	Liquio	l Tank		10	10	28.2	Local	By Road			
Toluene	Liquio	l Tank		20	20	160	Local	By Road			
Vinyl Acetate Monomer	Liquio	l Drum		12	12	36	Local	By Road			
52.Any Other Information											
No Information Available											
	52 Traffic Management										
JS. Handyement											
	to the	e main road &									
	desig	n of	5								
	confl	uence:									
	Num baser	Number and area of basement:									
	Num podia	Number and area of podia:									
	Total	Parking area:	2400								
	Area	per car:									
	Area	per car:									
	Num	ber of 2-									
Daultin a dataila:	Whee	elers as									
Parking uetails:	comp	etent									
	auth	ority:									
	Num	ber of 4-									
	Whee	elers as oved by									
	comp	etent									
	auth	ority:									
	Publi	c Transport:									
	h of all Internal 5 (m):										
	~						Signature	Ĵ.			
approver							Name: Dr. Umaka	nt Gaugetrao Dangat			
Abhay Pimparkar (Secr	retary	SEAC Meeting N	o: 156th	Day-2 Mee	ting Date:	Page 10)r. Umakant	Dangat			
SEAU-I)		0	ctoper 5	, 2018		<u>o</u> j 99 (Chairman SI	AC-1)			

	CRZ/ RRZ clearance	NA		
	obtain, if any:			
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	NA		
	Category as per schedule of EIA Notification sheet	5(f) Cat : B1		
	Court cases pending if any	NA		
	Other Relevant Informations			2
	Have you previously submitted Application online on MOEF Website.	No		
	Date of online submission	-		
SEAC	DISCUSSION	ON ENVIRONME	ENTAL	ASPECTS
Environmental Impacts of the project	Not Applicable	0		
Water Budget	Not Applicable			
Waste Water Treatment	Not Applicable			
Drainage pattern of the project	Not Applicable	A VY		
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 projec	et by SE	EAC
a contraines				Signature:

<u> </u>	
Abhay Pimparkar (Secretary	
SEAC-D	

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.

ToR was granted in the 138th meeting of SEAC held on 01.06.2017 as per standard ToR and additional ToR points as mentioned below,

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

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

3. PP to include detailed material balance charts for each product showing consumption of raw material, sources of pollution and mitigation measures to control the pollution and justified use of resources along with quantities in the EIA report.

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

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

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

Now PP submitted EIA/EMP report.

The proposal was considered in the 153rd meeting of SEAC where in the proposal was deferred till the complinace of following points.

1. PP to submit point wise compliance of additional ToR points.

2. It was observed that approximate 10% of mononitrate used as a raw material goes in to the effeunt; PP to submit mechanism to prevent it to mix with effluent so as to achieve optimum product and less load on the ETP.

3. PP to include Piping and Instrumentation diagrams in the HAZOP reprot.

4. PP to submit copy of CHWTSDF membership.

5. PP to submit product wise solvent consumption, product wise solvent recovery and quantity of excess solvent along with its disposal method.

6. PP to prepare CER plan in consultation with the District Authority.

Now PP submitted the compliance of above points.



DECISION OF SEAC

After detailed deliberations with the PP and their accredited consultant SEAC decided to defer the proposal till PP submits compliance of following points.

Specific Conditions by SEAC:

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

2) PP to prepare CER plan in consultation with the District Authority.

FINAL RECOMMENDATION

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

ageneratives 1 ê. Signature: Name: Dr. Umakant Gangatrao Dangat SEAC Meeting No: 156th Day-2 Meeting Date: Dr. Umakant Dangat Abhay Pimparkar (Secretary **Page 13 October 5, 2018** SEAC-D of 99 (Chairman SEAC-I)

156th Meeting of State Level Expert Appraisal Committee (SEAC-1)

SEAC Meeting number: 156th Day-2 Meeting Date October 5, 2018

Subject: Environment Clearance for Environmental Clearance for proposed Production Capacity enhancement of Unilex Colours And Chemicals Ltd.

Is a Violation Case: No						
1.Name of Project	Unilex Colours And Chemicals Ltd.					
2.Type of institution	Private					
3.Name of Project Proponent	Mr. Narendra K.P.					
4.Name of Consultant	Sadekar Enviro Engineers Pvt. Ltd.					
5.Type of project	Not applicable					
6.New project/expansion in existing project/modernization/diversification in existing project	Expansion in existing project					
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	No					
8.Location of the project	Plot No. E-10/2					
9.Taluka	Palghar					
10.Village	Salwad					
Correspondence Name:	Mr. Narendra K. P.					
Room Number:	106/107					
Floor:	1st					
Building Name:	Advent Atria					
Road/Street Name:	Chincholi Bunder Road					
Locality:	Malad (W)					
City:	Mumbai					
11.Area of the project	Municipal Corporation of Greater Mumbai					
12 100 //04 /0	NA					
Approval Number	IOD/IOA/Concession/Plan Approval Number: NA					
	Approved Built-up Area: 949.91					
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.)	/1275.00 sq.m.					
16.Deductions	Not applicable					
17.Net Plot area	Not applicable					
	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.): 949.91					
	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	2000000.00					

22.Number of buildings & its configuration

aggroodings			Signature: Name: Dr. Umakan Gangetreo Dangat
Abhay Pimparkar (Secretary	SEAC Meeting No: 156th Day-2 Meeting Date:	Page 14	Dr. Umakant Dangat
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Serial number	Buildin	ig Name & i	number	Nu	mber of floors	Height of the building (Mtrs)				
1	1	Not applicabl	e	1	Not applicable	Not applicable				
23.Numbe tenants an	r of d shops	Not applica	ble							
24.Numbe expected r users	r of esidents /	Not applica	Not applicable							
25.Tenant per hectar	density e	Not applica	ble							
26.Height building(s	of the)									
27.Right o (Width of f from the n station to proposed l	f way the road earest fire the ouilding(s)	10 meter				122				
28.Turning for easy ac fire tender movement around the excluding for the pla	g radius ccess of from all building the width ntation	Internal roa	Internal roads of 5 m width are provided							
29.Existing	g (s) if any	Yes								
30.Details demolition disposal (I applicable	of the with f)	Not applica	Not applicable							
			31.Pı	coduct	ion Details					
Serial Number	Pro	duct	Existing (MT/M)	Proposed (MT/M)	Total (MT/M)				
1	Beta	Blue	24.8	0	100.00	124.80				
Pigment Yellow - 12, 13, 14, 74, 83, 168, 191/Pigment Red - 3, 4, 8, 112, 48.2, 48.3, 12, 53.1, 57.1, 146,170/Pigment Orange - 05, 13, 34/Lemon Chrome/Middle Chrome/Pigment Green-7/Pigment Blue/Violet-27			00		40.0	40.0				
	32.Total Water Requirement									



		Source of wa	ter	Not applicable									
		Fresh water	(CMD):	Not applicable									
		Recycled wat Flushing (CM	er - 1D):	Not applical	Not applicable								
		Recycled wat Gardening (C	er - CMD):	Not applicat	ble								
		Swimming po make up (Cu	ool m):	Not applical	ole								
Dry seasor	1:	Total Water Requirement :	(CMD)	Not applical	ble								
		Fire fighting Underground tank(CMD):	- I water	Not applical	ble			.) .					
		Fire fighting Overhead wa tank(CMD):	- ter	Not applical	ble								
		Excess treate	ed water	Not applical	ole								
		Source of wa	ter	Not applicat	ole								
		Fresh water	(CMD):	Not applical	ole								
		Recycled water - Flushing (CMD):		Not applicat	ole	\mathbf{O}							
		Recycled water - Gardening (CMD):		Not applicable									
		Swimming po make up (Cu	ool m):	Not applicable									
Wet seaso	n:	Total Water Requirement :	: (CMD)	Not applicable									
		Fire fighting - Underground water tank(CMD): Fire fighting - Overhead water tank(CMD):		Not applicable									
				Not applicable									
		Excess treate	ed water	Not applicable									
Details of pool (If an	Swimming y)	Not applicable)										
		33.	.Detail	s of Tota	l water co	nsume	dl						
Particula rs	Cons	umption (CM	D)	I	Loss (CMD)		Eff	fluent (CMD)					
Water Require ment	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total				
Domestic	1.0	1.5	2.5	0.2	0.3	0.5	0.8	1.2	2.0				
Industrial Process	13.0	58.87	71.87	0.3	50.7	51.0	12.7	8.17	20.87				
Cooling tower & thermopa ck	6.0	6.0 12.0 18.0		5.0	10.3	15.3	1.0	1.7	2.7				
Gardening	0.5	0.5	1.0	0.5	0.5	1.0	0	0	0				

approximates			Signature:
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	Level wate	l of the Ground r table:	NA					
	Size tank Quar	and no of RWH (s) and htity:	NA					
	Loca tank	tion of the RWH (s):	NA					
34.Rain Water Harvesting	Quan pits:	ntity of recharge	NA					
(RWH)	Size :	of recharge pits	NA					
	Budg (Capi	jetary allocation ital cost) :	NA		. ? .			
	Budg (0 &	jetary allocation M cost) :	NA					
	Detai if any	ils of UGT tanks y :	Fire fighting water tank of 50.	0 KL capacit	y			
	Natu drain	ral water lage pattern:	Storm water drains of adequa	te capacity w	<i>r</i> ill be provided			
35.Storm water drainage	Quan wate	ntity of storm r:	0.98 m3/hr.					
	Size	of SWD:	The SWD will be designed as preceived during the rainy seas	per the quant	tity of storm water to be			
	Sewa in KI	ge generation LD:	2.0					
	STP 1	technology:	Sewage waste water will be tr treatment plant	eated in aera	ation tank of the effluent			
Sewage and	Capa (CMI	city of STP D):	NA					
Waste water	Loca the S	tion & area of STP:	NA					
	Budg (Cap	jetary allocation ital cost):	NA					
	Budg (0 &	jetary allocation M cost):	NA					
		36.Soli	d waste Managen	ient				
Waste generation in	Wast	e generation:	No construction activities are involved hence such waste generation is not envisaged					
and Construction phase:	Dispector const debri	osal of the truction waste is:	No construction activities are involved hence generation and disposal of such wastes is not envisaged					
	Dry v	waste:	Office waste such as papers an	nd other dom	nestic waste			
	Wet	waste:	NA					
Waste generation	Haza	rdous waste:	ETP sludge: 14.0 MT/A, Mechanical Evaporator Residue: 133.7 kg/day, Empty bags: 2.5 kg/M, Empty drums: 25 no./M, Empty Carboys: 35 no./M					
Phase:	Biom appli	edical waste (If cable):	NA					
	STP sludg	Sludge (Dry ge):	NA					
	Othe	rs if any:	NA					
Abhay Pimparkar (Secre SEAC-I)	etary	SEAC Meeting N O	o: 156th Day-2 Meeting Date: ctober 5, 2018	Page 17 of 99	Dr. Umakant Dangat (Chairman SEAC-I)			

		Dry waste:		Through local muinicipal waste disposal system							
		Wet waste	:	NA							
Mode of	Disposal	Hazardou	s waste:	ETP Sludge & Management Empty carboy	ETP Sludge & Mechanical Evaporator Residue to Mumbai Waste Management Ltd CHWTSDF at Taloja and Empty bags, Empty drums, Empty carboys will be sold to authorized recycler						
of waste:	-	Biomedica applicable	al waste (If e):	NA							
		STP Sludg sludge):	Je (Dry	NA							
		Others if a	any:	NA							
		Location(s	5):	Dedicated has project plot la	zardous was ayout paln	ste storage a	rea will be j	provided as per the			
Area requirem	ient:	Area for t of waste & material:	he storage à other	5.0 sq.m.				2			
		Area for n	nachinery:	NA							
Budgetary	allocation	Capital co	st:	1,50,000.00							
(Capital co O&M cost)	ost and):	0 & M cos	st:	30,000.00							
		1	37.E	ffluent Cha	arectere	stics					
Serial Number	Paran	neters	Unit	Inlet Eff Charecter	luent restics	Outlet Ef	ffluent restics	Effluent discharge standards (MPCB)			
1	р	Η		6.75		7.05	7.05 6-8.5				
2	TI	ΓDS mg/l		1987.00		1901.00		<2100			
3	BC	DD	mg/l	194.00		39.00		<100			
4	CC	DD	mg/l	600.00		136.00		<250			
5	80	àG	mg/l	mg/l 4.0 BDL <10							
Amount of (CMD):	effluent gene	eration	23.57	23.57							
Capacity of	the ETP:		20.0 CMD								
Amount of trecycled :	treated efflue	ent	13.37 CMD								
Amount of v	water send to	o the CETP:	10.2 CMD								
Membershi	p of CETP (if	f require):	Company is having membership of TIMA CETP Co-Op. Society Ltd.								
Note on ETP technology to be used Capa to CF				Existing: The domestic waste water is subjected to soak pit & the effluent from boiler, cooling tower blow down & process effluent is treated in ETP of 20 CMD capacity comprising of primary treatment scheme & treated effluent is further sent to CETP. Proposed: The domestic waste water will be subjected to soak pit & the effluent from boiler & cooling tower blow down will be treated in ETP of 20 CMD capacity comprising of primary treatment scheme & treated effluent will be sent to CETP and the							
Disposal of the ETP sludge Mun				aste Managem	ent Ltd CH	HWTSDF at T	Taloja				
			38.H	azardous V	Vaste De	etails					
Serial Number	Descri	ption	Cat	UOM	Existing	Proposed	Total	Method of Disposal			
1	ETP sl	udge	35.3	kg/annum	2.8	11.2	14.0	Mumbai Waste Management Ltd CHWTSDF at Taloja			
2	Mecha Evaporator	nical r Residue	37.3	kg/day		133.7	133.7	Mumbai Waste Management Ltd CHWTSDF at Taloja			

age ones			Signature:
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3	Empty	bags	33.2	1	kg/month		0.5	2	.0	2	2.5	Sale to authorized recycler
4	Empty	drums	33.1	33.1 number/month		h	5.0	20).0	2	5.0	Sale to authorized recycler
5	Empty c	arboys	33.2	1	number/mont	h	7.0	28	3.0	3	5.0	Sale to authorized recycler
			3	89.S	stacks em	issio	on De	etails				
Serial Number	Section	& units	Fu	Fuel Used with Quantity		Stac	k No.	Heig fror grou level	n n nd (m)	Inte diam (n	rnal leter 1)	Temp. of Exhaust Gases
1	4 lak calorie/hor fluid l	h kilo ur Thermi neater	.c Coal	- 179	92.00 kg/day		1	20.0	0	0.	5	230.0
2	850 kg/ho boi	our steam iler	Coa	l - 17	16.9 kg/day	4	2	20.0	0	0.	5	230.0
3	HCl. so	rubber				3	3	4.0 (Al roof le	oove evel)	0.	3	
			4	0.D	etails of F	uel	to be	e use	d			
Serial Number	Тур	oe of Fue	1		Existing			Propo	sed			Total
1	Indo	nesian coa	al		1505.7 kg/day	y		2003	3.2			3508.9 kg/day
41.Source of	of Fuel			Loca	al vendor - Gu	rukruj	pa Ente	erpirses	s, Sur	at		
42.Mode of	Transportat	ion of fue	l to site	Roa	d			2				
		1			<u></u>							
		Total R	G area :		3037 sq.m.	(Adjac	cent to	the pro	oject p	olot)		
		No of tr :	rees to be	e cut	NA							
		Number be plant	r of trees ted :	s to	62							
43.Green Belt Development List of pro- native tre			proposed rees :	>	Cassia fistu Schleichera Terminalia Helicteres i indicum, Er Callicarpa t acerifolium	la, Bor oleos panicu sora, I ythrin oment	mbax c a, Mica ilata, T Holopt a sube tosa, N	ceiba, A rocos pa Cermina elea int prosa, A ceolama	sltoni anicu lia be egrifo zadira rckia	a shcc lata, T ellirica olia, Bu achta i cadan	olaris, I 'ermina , Cordi utea m indica, nba, Pt	Macaranga peltata, alia elliptica, la dichotoma, onosperma, Oroxylum Trema orientalis, serospermum
		Timelin complet plantati	e for tion of ion :		1 year after	grant	of env	vironme	ental c	clearar	nce	
	44.Nu	mber a	nd list	; of	trees spe	cies	to b	e plai	nted	l in t	t he g	round
Serial Number	Name of	the plant	t Co	omm	on Name		Quar	ntity		Cha	aracte i	ristics & ecological mportance
1	Cassia	fistula		Ba	lhava		3	3		Na Sah atti	ative tr yadri r racting	ee of forest tracts of ranges having flowers bees and butterflies
2	Bombax ceiba			Sa	awar		2	9		A : frag n	native rant flo iumbei	deciduous tree with owers attracting large of birds & insects
3	Asltonia	shcolaris		Sapt	taparni		2	3		A : frag comp	native rant flo parative	evergreen tree with owers & leaves having ely higher dust settling index
Abhay Pimp SEAC-I)	Search Secretary SEAC Meeting No: 156th Day-2 Meeting Date: Page 19 Signature: Dr. Umakant Gangesero Dangat Dr. Umakant Dangat October 5, 2018 of 99 of 99 Chairman SEAC-I)											

4	Macaranga peltata	Chandwar	23	A native tree found in abundance across the plains of Sahyadri ranges
5	Schleichera oleosa	Kusum	23	A native deciduous trees of forest tracts of Sahyadri ranges
6	Microcos paniculata	Shirali	23	A native evergreen medium sized tree of forest tracts of Sahyadri ranges
7	Terminalia elliptica	Ain	23	A native evergreen tree of forest tracts of Sahyadri ranges
8	Terminalia paniculata	Kindal	23	A native deciduous tree of forest tracts of Sahyadri ranges
9	Terminalia bellirica	Baheda	23	A native deciduous tree of forest tracts of Sahyadri ranges
10	Cordia dichotoma	Shelu	23	A native deciduous tree of forest tracts of Sahyadri ranges attracting large number of insects
11	Helicteres isora	Murudsheng	23	A native deciduous medium sized tree of forest tracts of Sahyadri ranges visited by large number of birds
12	Holoptelea integrifolia	Ainsadada	23	A native deciduous tree of forest tracts of Sahyadri ranges
13	Butea monosperma	Palash	23	A native brilliantly flowering tree abundant the Palghar District visited by large number of birds
14	Oroxylum indicum	Tetu	23	A native ornamental tree
15	Erythrina suberosa	Pangara	23	A native deciduous medium sized tree of forest tracts of Sahyadri ranges visited by large number of birds
16	Azadirachta indica	Kadulimb	23	A native evergreen tree capable of surviving in comparatively polluted environs
17	Dalbergia sissoo	Shisham	23	A native evergreen tree attracting large number of insects
18	Trema orientalis	Ghol	23	A native deciduous medium sized tree with hairy leaves having comparatively higher dust settling index
19	Callicarpa tomentosa	Aiser	23	A native evergreen medium sized tree of forest tracts of Sahyadri ranges with hairy thick leaves having comparatively higher dust settling index
20	Neolamarckia cadamba	Kadamba	23	A native evergreen tree with tremendous blooms attracting large number of insects
21	Pterospermum acerifolium	Karnikar	23	A native evergreen tree with large & hairy leaves having comparatively high dust settling index generally used for ornamental plantation
4	5.Total quantity of plan	ts on ground		
AC M	1 111 1 6 1	1 11 1		DO

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

Abhay Pimparkar (Secretary SEAC-I)	SEAC Meeting No: 156th Day-2 Meeting Date: October 5, 2018	Page 20 of 99	Signature: Name: Dr. Umakan Dr. Umakant I (Chairman SE
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Serial Number		Name		C/C Distance		Area m2		
1		NA		NA		NA		
	47.Energy							
		Source of power supply :		Maharashtra State	Maharashtra State Electricity Distribution Company Limited (MSEDCL)			
Durin Phas Load		During Construct Phase: (Demand Load)	ction l	NA				
	DG set as Power back-up during construction pha		ase	NA				
Dot	During Operation phase (Connected load):		on ed	456 KW				
require	ement:	During Operation phase (Demand load):	n	405 kVA				
		Transformer:		500 kVA				
		DG set as Power back-up during operation phase				30		
		Fuel used:		NA				
		Details of high tension line pas through the plot any:	sing t if	NA				
		48.Energy	savi	ng by non-co	nvention	nal method:		
NA								
		49.De	tail	calculations	& % of s	aving:		
Serial Number	E	nergy Conservati	on M	easures	Saving %			
1		NA				NA		
		50.Det	ails	of pollution c	ontrol S	Systems		
Source	E	xisting pollution	contr	ol system	Proposed to be installed			
0.6 TPH Steam boiler	Stack of	20.0 m & Multi cyc by scrub	lone s ober	eparator followed				
2 lakh kilo calorie/hour Thermic fluid heater	Stac	k of 20.0 m & Mult	i cyclo	ne separator				
4 lakh kilo calorie/hour Thermic fluid heater					Stack of	20.0 m height & Multi cyclone separator followed by Bag filter		
850 kg/hour steam boiler					Stack of	20.0 m height & Multi cyclone separator followed by Bag filter		
Process emisiions					1 no. Hcl.	Scrubber with a stack of 4.0 m above roof level		
Abhay Pimp SEAC-I)	Abhay Pimparkar (Secretary SEAC-I) SEAC Meeting No: 156th Day-2 Meeting Date: October 5, 2018							

Budgetary allocation Capital co		st: NA						
O&M cost): O & M cost:		NA						
51.Environmental Management plan Budgetary Allocation								
a) Construction phase (with Break-up):								
Serial Number	Serial Attributes Param		meter	Tota	er annum (Rs. In Lacs)			
1	N	IA	N	IA			NA	
		b) Operat	ion Phas	e (with Bre	ak-up):	
Serial Number	Comp	onent	Descr	ription	Capital cost Lacs	Rs. In	Operational and Maintenance cost (Rs. in Lacs/yr)	
1	Installation of 20.0 m Multi c separator f Bag filter kilo calo Thermic flui 850 kg/ho boiler and scrul		n of stacks n height & cyclone followed by for 4 lakh prie/hour nid heater & our steam 1 no. HCl. bber	20.00				
2	Wa	iter	Install Mech Evaporator	ation of anical r of 15.0 KL	15.00		0.50	
3	Nc	bise	Develop acoustic en installatio absorbers absorbi	oment of nclosures & on of shock & vibration ing pads	5.0		0.10	
4	Occupatio	onal health	Purchase o health c	of PPE's and heck ups	4.5		0.50	
5	Gree	n belt	Developme b	ent of green elt	7.09		1.44	
6	6 Solid waste waste storage purchas conta		oment of us waste e area & e of solid rage bags, ainers	1.5		0.30		
51.S	torage	of che	micals	(inflan substa	nable/exp ances)	olosiv	/e/hazardous/toxic	

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
CPC	Solid	Shed	25.0	25.0	125.00	Local	Road
Caustic Soda	Solid	Shed	3.0	3.0	4.0	Local	Road
Gum rosin	Solid	Shed	4.0	4.0	4.5	Local	Road
Xylene	Liquid	Shed	200.001	200.001	200.001	Local	Road
Isobutyl alcohol	Liquid	Shed	400.001	400.001	400.001	Local	Road

age or ane			Signature:
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Additive -Pthalamide	Solid	Shed		1.0	1.0	1.5	Local	Road	
Hydrochloric acid	Liquid	Shed		1000.001	1000.00 l	1000.00 l	Local	Road	
		52.A	ny Ot	her Info	rmation	l			
No Information Availab	le								
		53.	Traffi	c Manag	gement				
	Nos. of t to the m design o confluer	he junction ain road & f ice:	NA	NA					
	Number basemer	and area of nt:	NA						
	Number podia:	and area of	NA					>	
	Total Pa	rking area:	153 sq	.m.					
	Area per	car:	NA						
	Area per	car:	NA						
Number Wheel Parking details: approving comperation		of 2- s as d by ent y:	NA			200.			
	Number Wheeler approve compete authorit	of 4- is as d by ent y:	NA						
	Public T	ransport:	NA						
	Width of roads (n	f all Internal 1):	5.0						
	CRZ/ RR obtain, i	Z clearance f any:	NA						
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries								
	Category schedule Notifica	y as per e of EIA tion sheet	B1						
C	Court ca if any	ses pending	No						



			1. The existing steam boiler of 0.6 TPH & thermic fluid heater of 2 lakh kilo calorie/hour will be sale out after expansion.					
	Othe: Infor	r Relevant mations	 2. ETP treatment scheme: Exists subjected to soak pit & the eff down & process effluent is tree comprising of primary treatments sent to CETP. Proposed: The cosoak pit & the effluent from bettereated in ETP of 20 CMD cap scheme & treated effluent will manufacturing process will be Evaporator. The industry will cooling tower blow down) to C form manufacturing process w additional load subjected to C project. 3. Green Belt related: The 33% however green belt will be process. 	sting: The do luent from b vated in ETP ent scheme & lomestic was piler & coolin acity compri l be sent to C totally recyc continue to o CETP as per t vill be totally ETP disposal 6 of project p pyided in are	omestic waste water is oiler, cooling tower blow of 20 CMD capacity & treated effluent is further ste water will be subjected to ng tower blow down will be sing of primary treatment CETP and the effluent from cled through Mechanical dispose effluent (boiler& the valid CTO. The effluent recycled so that there is no from the proposed expansion			
			to the project plot.					
	Have subm Appli on M	Have you previously submitted Application online on MOEF Website.						
	Date subm	ate of online ubmission -						
SEAC	DIS	CUSSION	ON ENVIRONME	ENTAL	ASPECTS			
Environmental Impacts of the project	PP submitted EIA report to the committee. Various aspects of the Environment are discussed in the report. PP has conducted base line data collection for Air, Water, Soil & Noise parameters as per EIA Notification, 2006 amended from time to time. As per data submitted by the PP in the EIA report environmental parameters are found within the prescribed limits on site.							
Water Budget	PP su at Sr.	PP submitted water budget calculations in the EIA report and also indicated water requirement at Sr. No 33 of the Consolidated Statement.						
Waste Water Treatment	PP pr	PP proposes Zero Liquid Discharge for effluent treatment.						
Drainage pattern of the project	PP pr	ovided the storm v	vater drains considering the co	ntour on site				
Ground water parameters	As pe proje	r data submitted b ct site.	y PP, ground water parameters	are within t	he prescribed limits at			
Solid Waste Management	Hazai	rdous wastes will h	oe disposed off at CHWTSDF sit	te and sale to	o authorized vendors.			
Air Quality & Noise Level issues	As pe at pro	r data submitted b oject site.	y PP, Air Quality and Noise par	ameters are	within the prescribed limits			
Energy Management	The e provid	lectrical demand f de DG set back up	or proposed project is 405 kVA to all pollution control equipme	which will b ent's and em	e supplied by MSEDCL. PP to ergency facilities.			
Traffic circulation system and risk assessment	PP pr wide	PP proposes to provide an area of 153 Sq.m. for parking of the vehicles along with six meter wide internal roads with nine meter turning radius.						
Landscape Plan	PP proposes to provide 33% green belt on site.							
Disaster management system and risk assessment	PP carried out HAZOP and Risk Assessment study and prepared on site emergency plan.							
Socioeconomic impact assessment	PP ha	s carried out socio	economic impact study and in	cluded in the	e EIA report.			
Environmental Management Plan	PP pr maint	epared EMP cost c ain environmental	of Rs. 54.09 Lakhs as a capital o parameters.	cost and Rs.	3.87 Lakhs as O & M cost to			
Abhay Pimparkar (Secre SEAC-I)	etary	SEAC Meeting N O	o: 156th Day-2 Meeting Date: ctober 5, 2018	Page 24 of 99	Signature: Name: Dr. Umakant Ganzetzeo Dangat Dr. Umakant Dangat (Chairman SEAC-I)			

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.

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

ToR was granted in the 146th meeting of SEAC-1 held on 30.01.2018.

PP submitted EIA/EMP reprot.

The proposal was considered in the 154th meeting of SEAC where in the proposal was deferred till the compliance of following points.

1. PP to submit design of Zero Liquid Discharge Effluent Treatment Plant.

2. PP to submit a technical report on how the proposed expansion with respect to the production quantity will be accommodated in the existing facility along with structural stability certificate of existing buildings/structures on the site.

3. PP to submit clarification on the better energy efficiency of the proposed equipment's in the expansion.

Now PP submitted the compliance of above points.

DECISION OF SEAC

After detailed deliberations with the PP and their accredited consultant SEAC decided to recommend the proposal to SEIAA for prior environment clearance subject to following conditions.

Specific Conditions by SEAC:

PP to explore possibility to replace ball milling operation with alternate operation so as to reduce energy consumption.
 PP to prepare and implement CER plan in consultation with the District Authorities.

FINAL RECOMMENDATION

agenorations?			Signature: Name: Dr. Umakant Gaugetreo Dangat
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SEAC-I have decided to recommend the proposal to SEIAA for Prior Environmental clearance subject to above conditions

SHACALINDARDONDALA



156th Meeting of State Level Expert Appraisal Committee (SEAC-1)

SEAC Meeting number: 156th Day-2 Meeting Date October 5, 2018

Subject: Environment Clearance for New unit of Synthetic Organic Chemical intermediates manufacturing unitof M/s Altra Pure Chem

Is a Violation Case: No					
1.Name of Project	Altra Pure Chem				
2.Type of institution	TOR				
3.Name of Project Proponent	Mr. Mithun Patil				
4.Name of Consultant	M/s Sadekar Enviro Engineers Pvt. Ltd.				
5.Type of project	Industrial				
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	NA				
8.Location of the project	N-67, Additional Anand Nagar MIDC				
9.Taluka	Ambernath				
10.Village	Ambernath				
Correspondence Name:	Mithun Patil				
Room Number:	S. No. 234, H. No. 04,				
Floor:	Plot No. 45,				
Building Name:	Jindal Compound,				
Road/Street Name:	Additional MIDC Zone,				
Locality:	Bhopar Village, Manpada,				
City:	Dombivali (E)				
11.Area of the project	Maharashtra Industrial Corporation Development				
	Comes under Judiciary of MIDC, awaiting for approval				
Approval Number	IOD/IOA/Concession/Plan Approval Number: NA				
	Approved Built-up Area: 7150				
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.)	6,500 m2				
16.Deductions	Not applicable				
17.Net Plot area	Not applicable				
	a) FSI area (sq. m.): Not applicable				
Non-FSI)	b) Non FSI area (sq. m.): Not applicable				
	c) Total BUA area (sq. m.): 7150				
	Approved FSI area (sq. m.): Not applicable				
DCR	Approved Non FSI area (sq. m.): Not applicable				
	Date of Approval: 01-01-1900				
19.Total ground coverage (m2)	Not applicable				
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)					
21.Estimated cost of the project	25000000				

22.Number of buildings & its configuration

agentitues			Signature:
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Serial number	Buildin	ng Name & 1	number	Nı	umber of floors	Height of the building (Mtrs)
1	1	Not applicabl	e]	Not applicable	Not applicable
23.Number tenants an	r of d shops	Not applica	ble			
24.Number expected r users	r of esidents /	Not applica	ble			
25.Tenant per hectar	density e	Not applica	ble			
26.Height of the building(s)						
27.Right of way (Width of the road from the nearest fire station to the proposed building(s)Ambernath Fire Station (6m)						
28.Turning for easy ac fire tender movement around the excluding for the pla	y radius ccess of from all building the width ntation	Radius - 9m	Road Width	ı - 6m		100×
29.Existing structure	J (s) if any	Not applica	ble			
30.Details demolition disposal (I applicable)	of the with f)	Not applica	ble			
			31. P	roduct	tion Details	
Serial Number	Pro	duct	Existing	(MT/M)	Proposed (MT/M)	Total (MT/M)
1	Bi Pheny	rl Alcohol		7	100	100
2	6 Methyl	Nicotinate		-	10	10
3	By-Pro	oducts	-	-		
4	Broi	mine	-	-	37.0	37.0
5	Nitric Ac	cid (28%)	-	-	36.8	36.8
		3	2.Tota	l Wate	r Requireme	nt

32.10tal Water Kequirement



		Source of wa	ter	MIDC									
		Fresh water	(CMD):	209.43									
		Recycled wat Flushing (CM	cer - 1D):	Not applicable									
		Recycled wat Gardening (C	er - CMD):	Not applicable									
		Swimming po make up (Cu	ool m):	Not applicab	le								
Dry seasor	1:	Total Water Requirement :	t (CMD)	204.93									
		Fire fighting Underground tank(CMD):	- l water	200				.),					
		Fire fighting Overhead wa tank(CMD):	- ter	Not applicab	le								
		Excess treate	ed water	Not applicab	le								
		Source of wa	ter	MIDC									
Fresh water (CMD):				193.93									
		Recycled wat Flushing (CN	cer - 1D):	Not applicable									
		Recycled wat Gardening (C	cer - CMD):	Not applicable									
		Swimming po make up (Cu	ool m):	Not applicable									
Wet seaso	n:	Total Water Requirement :	t (CMD)	193.93									
		Fire fighting Underground tank(CMD):	- l water	200									
		Fire fighting Overhead wa tank(CMD):	ter	Not applicable									
		Excess treate	ed water	Not applicable									
Details of pool (If an	Swimming y)	Not applicable	9										
		33	.Detail	s of Total	water con	nsumed	1						
Particula rs	Cons	sumption (CM	[D]	I	loss (CMD)		Eff	luent (CMD)					
Water Require ment	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total				
Domestic		2.50	2.50		0.50	0.50		2.00	2.00				
Industrial Process		48.10	48.10					60.70	60.70				
Domestic		143.33	143.33		94.43	94.43		24.90	24.90				
Domestic		11.00	11.00		11.00	11.00		0.00	0.00				

age of the ser			Signature:
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	Level of the Ground water table:	8m bgl						
	Size and no of RWH tank(s) and Quantity:	Rooftop water will be diverted and used as cooling tower makeup						
	Location of the RWH tank(s):	Not applicable						
34.Rain Water Harvesting	Quantity of recharge pits:	Not applicable						
(RWH)	Size of recharge pits :	Not applicable						
	Budgetary allocation (Capital cost) :	Not applicable						
	Budgetary allocation (O & M cost) :	Not applicable						
	Details of UGT tanks if any :	Domestic UG tank Capacity: 50m3/day Firefighting: 200m3/day						
	Natural water drainage pattern:	South East to North West						
drainage	Quantity of storm water:	7.02 m3/hr						
	Size of SWD:	A trench of 2ft x 2ft						
Î	Sewage generation in KLD:	2.50 m3/day						
	STP technology:	Septic Tank followed by ETP aeration tank						
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:	Negligible						
the Pre Construction and Construction phase:	Disposal of the construction waste debris:	NA						
	Dry waste:	NA						
	Wet waste:	NA						
Waste generation	Hazardous waste:	MEE Salt - 71.7 T/M; ETP Sludge - 10 T/M; Empty Drums, Carboys, Containers - 10 No/M						
in the operation Phase:	Biomedical waste (If applicable):	NA						
	STP Sludge (Dry sludge):	NA						
	Others if any:	NA						

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		Dry waste:		Authorized party						
		Wet waste	•	NA						
Mode of	Dienosal	Hazardous	waste:	Sale to auth raw materia	Sale to authorized party approved by MPCB or CHWTSDF or sold as raw material					
of waste:	Disposai	Biomedica applicable	l waste (If):	NA						
STP Sludge (sludge):			e (Dry	Domestic w manure at r	raste sludge i regular inter	from septic t val	ank will be r	removed and used as		
		Others if a	ny:	NA						
		Location(s):	East of plot						
Area for the of waste & material:		e storage other	10 m2				0			
		Area for m	achinery:	NA						
Budgetary	allocation	Capital cos	st:	NA						
(Capital co O&M cost)	st and	O & M cos	t:	NA						
			37.Ef	fluent C	harecter	estics	N			
Serial Number	Paran	neters	Unit	Inlet E Charect	ffluent erestics	Outlet I Charect	Effluent erestics	Effluent discharge standards (MPCB)		
1	p	H		3.5	-6.5	6.5-8.5		5.5-9.5		
2	TI	DS mg/l		70,000	70,000-75,000		2,000	< 2,100		
3	BC)D	mg/l	5,000	5,000-5,500		-30	< 100		
4 COD mg/l		15,000	-25,000	50-3	100	< 250				
Amount of e (CMD):	effluent gene	eration	87.6 m3/day	y						
Capacity of	the ETP:		105 m3/day		Y					
Amount of t recycled :	reated efflue	ent	75.66 m3/da	5 m3/day						
Amount of v	vater send to	o the CETP:	NA	× ×						
Membershi	p of CETP (if	require):	NA							
Note on ET	P technology	y to be used	Industrial w Industrial w stripper, Mi waste water followed by	vaste water s vaste water (EE and ATFI r (LCOD-HTI RO. Permea	streams will l HCOD-HTDS D. Septic tan DS) along wi te will be rea	be segregate 5) generated k will be pro th MEE cond cycled to ach	d as HCOD- will be treat vided for sev lensate will l lieve Zero Li	HTDS and LCOD-HTDS. ted primarily in wage treatment. Other be subjected to ETP quid Discharge.		
Disposal of	the ETP slud	lge	CHWTSDF,	Taloja						
			38.Ha	zardous	Waste D	etails				
Serial Number	Descr	iption	Cat	UOM	Existing	Proposed	Total	Method of Disposal		
1	MEE	Salt	37.3	tons/ month		71.7	71.7	CHWTSDF/sold as raw material		
2	ETP S	ludge	35.3	tons/ month		10	10	CHWTSDF		
3	Empty Carboys, C	Drums, Containers	-	nos/ month		10	10	Recycle through MPCB Authorized Vendor		
			39.St	acks em	ission De	etails				



Serial Number	Section	& units	F	uel Us Qua	ed with ntity	Stacl	« No.	Height from ground level (m)	Inter diam (m	rnal eter 1)	Temp. of Exhaust Gases
1	Pro	cess		Ν	ΙA	1		11	0.6	50	115
2	Boiler & Hea	Thermic ater		PNC	G/FO	1		30	0.4	50	260
3	D	G		H	SD	1	-	4.5	0.3	00	130
4					tails of F	⁷ uel	to b	e used			
Serial Number	Тур	pe of Fuel			Existing	g Proposed T				Total	
1	Pl	IG or FO					3501	Vm3 or 308 I	Kg/hr	35	50Nm3 or 308 Kg/hr
2		HSD						80 l/hr			80 l/hr
41.Source of	of Fuel			Local	Purchase						
42.Mode of	Transportat	tion of fuel to	site	By Ro	bad						
		i									X
		Total RG a	rea :		2,161 m2						
		No of trees to be :		e cut	00						
		Number of tree be planted :		s to	120						
43.Gree Develop	pment List of proper native trees		posed es :	l	Cassia fistu Schleichera Terminalia Helicteres i	ula, Bombax ceiba, Asltonia shcolaris, Macaranga peltata, ra oleosa, Microcos paniculata, Terminalia elliptica, a paniculata, Terminalia bellirica, Cordia dichotoma, s isora, Holoptelea integrifolia					Macaranga peltata, alia elliptica, lia dichotoma,
		Timeline for completion of plantation :			Project Con	npletic	n				
	44.Nu	mber and	l list	t of t	rees spe	cies	to b	e plante	d in t	the g	ground
Serial Number	Name of	the plant	С	ommo	on Name		Qua	ntity	Cha	aracte	eristics & ecological importance
1	Cassia	fistula	した	Bah	hava 10 S			Na Sahj attr	Native tree of forest tracts of Sahyadri ranges having flowers attracting bees and butterflies		
2	Bomba	ux ceiba		Sav	war		1	0	A native deciduous tree with fragrant flowers attracting large number of birds & insects		
3	Asltonia shcolaris			Sapta	aparni		1	0	A native evergreen tree with fragrant flowers & leaves having comparatively higher dust settling index		
4	Macaran	acaranga peltata		Chan	ıdwar	dwar 10		A native tree found in abundance across the plains of Sahyadri ranges			
5	Schleiche	leichera oleosa I		Kus	sum	um 10		0	A nat t	tive de tracts	eciduous trees of forest of Sahyadri ranges
6	Microcos	paniculata		Shi	rali		1	0	A native evergreen medium sized tree of forest tracts of Sahyadri ranges		
7	Terminali	ia elliptica		А	in		1	0	A na t	tive e tracts	vergreen tree of forest of Sahyadri ranges

agger of the set			Signature:
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8	Terminalia	paniculata	1	Kin	ıdal		10	Aı	native deciduous tree of forest tracts of Sahyadri ranges
9	Terminali	lia bellirica Bahe			leda		10	Aı	native deciduous tree of forest tracts of Sahyadri ranges
10	Cordia d	ichotoma		Sh	elu		10	A ı attr	native deciduous tree of forest tracts of Sahyadri ranges racting large number of insects
11	Helicter	res isora]	Muruc	lsheng	10		A n tro ran	ative deciduous medium sized ee of forest tracts of Sahyadri ges visited by large number of birds
12	Holoptelea	integrifolia	a	Ainsa	idada		10	Aı	native deciduous tree of forest tracts of Sahyadri ranges
45.Total quantity of plants on grou					nd			1	0.
46.Nun	nber and	list of	shrub	s an	d bushes	s spec	ies to I	be plante	ed in the podium RG:
Serial Number	l Name				C/C Dista	nce			Area m2
1		NA			NA				NA
					47.E r	nerg	y		
	Source of power supply :				MSEDCL			S.	
	During Construction Phase: (Demand Load)		tion	100 kVA	100 kVA				
	DG set as Power back-up during construction phase During Operation phase (Connected load):		ase	100 kVA					
D			n ed	750 kW (Total plant)					
require	ement:	During (D phase (D load):	peratio emand	n	500 kVA (Total plant)				
		Transfor	mer:		NA				
		DG set as back-up operation	s Power during n phase	:	500 kVA x 01 no				
		Fuel use	d:		HSD				
	S	Details o tension l through any:	f high ine pass the plot	sing ; if	NA				
		48.E n	ergy	savi	ng by no	n-con	ventio	nal meth	od:
Not applica	ble								
			49.De	tail	calculati	ons &	a % of s	saving:	
Serial Number	Е	nergy Cor	iservati	on Me	easures			9	Saving %
1			NA						NA
		5	0.Deta	ails	of polluti	ion co	ontrol S	Systems	
Source	E	xisting po	llution	contr	ol system			Propose	d to be installed
Abhay Pimp SEAC-I)	oarkar (Secre	etary <mark>SE</mark>	EAC Mee	ting N O	o: 156th Day ctober 5, 201	-2 Meeti 18	ing Date:	Page 33 of 99	Signature: Name: Dr. Umakant Gangetreo Dangat Dr. Umakant Dangat (Chairman SEAC-I)

Effluent Treatment Plant		Conventional ETP along with stripper, MEE+ATFD followed by RO; Sewage passed through Septic Tank and taken to secondary of ETP									
DG set						Stack (500 kV	/A x 01) ht – 4.5 m above ground				
Boiler (PNC / FO Fired)& Thermopacl	S K					Common Stac &One Thermic f	k - 3000Kg/hr Steam Boiler Stack luid heater 10 lac Kcal/hr(ht - 30m)				
Process Scrubber				_		Alk	ali scrubber (ht - 11m)				
Budgetary (Capital	allocation cost and	Capital co	st:	NA							
51. Environmental Management plan Budgetary Allocation											
		a)	Construe	ction pha	nse (v	vith Break-u	p):				
Serial Number	Attri	butes	Para	neter		Total Cost p	er annum (Rs. In Lacs)				
1	Air Po	llution	Dust supprotest	ession, PUC ting		0	1.0				
2	Water I	Pollution	Mobile	toilets			0.5				
3	Noise F	ollution	DG set wit enclo	h acoustic osure		1.5					
4	Occupatio	Occupational Health PPE, hea camps				0.5					
		b) Operat	ion Phas	e (wi	th Break-up):				
Serial Number	Comp	onent	Descr	iption	Capi	tal cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)				
1	А	ir	Scrubber, H DG s	Boiler stack, stack		50.0	0.5				
2	Wa	ater	ETP, MEI Stripp	E-ATFD + er, RO		605.0	6.05				
3	No	oise	DG with enclosure, for process	acoustic enclosure air blower		3.0	0.3				
4	Occupatio	nal Health	PPE, health camps, fi	n checkups, rst aid kit		1.0	1.5				
5	Gree	n Belt	Plant	ation		6.0	0.8				
6	Solid	waste	Solid (hazardo hazardous & dis	waste us & non-) handling, posal		50.0	0.5				
7	Disaster M Pl	Disaster Management Plan Bisaster Management lone and point detectors, f tar				20.0	2.0				
51 9	+	- f - l -	micala	(inflow	abl	o/ovplocit	o/hazardous/toxic				

substances)



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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			
2, 6 Dichloro Tolune	Liquid	Drums		20 kl	20 kl	125 kl	Local Purchase	By Road			
Bromobenzene	Liquid	Drums		15 kl	15 kl	120 kl	Local Purchase	By Road			
Magnesium Tablets	Solid	Bags		05	05	34	Local Purchase	By Road			
Tetrahydrofuran	Liquid	Drums		20 kl	20 kl	356 kl	Local Purchase	By Road			
Toluene	Liquid	Drums		20 kl	20 kl	362 kl	Local Purchase	By Road			
Di Methyl Formamide	Liquid	Drums		10 kl	20 kl	47 kl	Local Purchase	By Road			
Potassium Borohydride	Solid	Bags		05	05	08	Local Purchase	By Road			
Catalyst	Liquid	Drums		02 kl	20 kl	01 kl	Local Purchase	By Road			
Hydrochloric acid	Liquid	Tank		20 kl	20 kl	166 kl	Local Purchase	By Road			
2-Methyl 5-Ethyl Pyridine	Liquid	Drums		10 kl	10 kl	11.8 kl	Local Purchase	By Road			
Sulphuric acid	Liquid	Tank		20 kl	20 kl	25 kl	Local Purchase	By Road			
Nitric acid	Liquid	Tank		20 kl	20 kl	54 kl	Local Purchase	By Road			
Methanol	Liquid	Drums		25 kl	20 kl	8.9 kl	Local Purchase	By Road			
Trichloroethylene	Liquid	Drums		10 kl	20 kl	64.8 kl	Local Purchase	By Road			
Soda ash	Solid	Bags		10	20 kl	23.6	Local Purchase	By Road			
Catalyst	Solid	Bags		1	1	1	Local Purchase	By Road			
52.Any Other Information											
No Information Available											
53.Traffic Management											
5	Nos. of the junction to the main road & design of confluence:		Project will confluent on 25m wide road								



	Number and area of basement:		NA					
	Number and area of podia:		NA					
	Total Parking area:		715					
	Area per car:		2.5m x 2.0m					
	Area per car:		2.5m x 2.0m					
Parking details:	Number of 2- Wheelers as approved by competent authority:							
	Number of 4 Wheelers as approved by competent authority:	1-						
	Public Trans	sport:	Auto, Truck plaza available within MIDC area					
	Width of all roads (m):	Internal	1 6.0 m					
	CRZ/ RRZ cl obtain, if an	earance ly:	NA					
	Distance fro Protected A Critically Po areas / Eco-s areas/ inter- boundaries	om reas / olluted sensitive ·State	NA					
	Category as per schedule of EIA Notification sheet 5(f) B1							
	Court cases pending NA if any							
	Other Relev Information	ant s	Not applicable					
	Have you pr submitted Application on MOEF W	you previously nitted ication online IOEF Website.						
	Date of online submission	ne	31-08-2018					
SEAC	DISCUS	SION	ON ENVIRONMI	ENTAL	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							
Abhay Pimparkar (Secretary SEAC-I)		o: 156th Day-2 Meeting Date: ctober 5, 2018	Page 36 of 99	Signature: Name: Dr. Umakant Gangetreo Dangat Dr. Umakant Dangat (Chairman SEAC-I)				
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 collect base line data as per Office Memorandum issued by MoEF&CC dated 27.08.2017.

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

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

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.

Specific Conditions by SEAC:

1) PP to submit certificate of incorporation of the company, list of directors and memorandum of articles.

2) 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

3) PP to carry out HAZOP and QRA and submit Disaster Management Plan considering the Grignard Reaction Hazards and chemical hazards associated in the reactions.

4) PP to include detailed material balance charts for each product showing consumption of raw material, sources of pollution and mitigation measures to control the pollution and justified use of resources along with quantities in the EIA report.

5) PP to include details of fugitive emission control measures proposed along with their drawings and design calculations in the EIA report.

6) PP to submit hazardous chemical handling protocol

7) PP to use new and renewable energy for the illumination of office building and street lights.

8) PP to conduct socio economic study and submit implementation plan along with time schedule.

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.



156th Meeting of State Level Expert Appraisal Committee (SEAC-1)

SEAC Meeting number: 156th Day-2 Meeting Date October 5, 2018

Subject: Environment Clearance for Environmental Clearance for proposed expansion project of M/s Siddhivinayak Chemicals for production capacity enhancement.

Is a Violation Case: No					
1.Name of Project	M/s Siddhivinayak Chemicals.				
2.Type of institution	Private				
3.Name of Project Proponent	Mr. Utsav Jhonsa				
4.Name of Consultant	M/s Sadekar Enviro Engineers Pvt. Ltd.				
5.Type of project	Expansion, Schedule 5 (f), Category - B1 under EIA Notification 2006.				
6.New project/expansion in existing project/modernization/diversification in existing project	Expansion in existing project.				
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	No.				
8.Location of the project	Plot no - A-33, MIDC Kurkumbh, Tal- Daund, Dist- Pune, Maharashtra. 413802				
9.Taluka	Daund				
10.Village	Kurkumbh				
Correspondence Name:	Mr. Utsav Jhonsa				
Room Number:	E/210				
Floor:	2nd Floor				
Building Name:	Kailas Industrial Complex.				
Road/Street Name:	Veer Savarkar Marg				
Locality:	Park site				
City:	Vikhroli (W), Mumbai				
11.Area of the project	MIDC - Kurkumbh				
12 100 //04 /0	NA				
Approval Number	IOD/IOA/Concession/Plan Approval Number: NA				
**	Approved Built-up Area:				
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.)	2065 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				
	c) Total BUA area (sq. m.): 1069				
	Approved FSI area (sq. m.): NA				
DCR	Approved Non FSI area (sq. m.): NA				
	Date of Approval: 26-09-2017				
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	5000000				

22.Number of buildings & its configuration

ager of the set			Signature:
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Serial number	Buildin	ng Name & r	number	Nu	mber of floors	Height of the building (Mtrs)
1		NA			NA	NA
23.Number tenants an	r of d shops	NA				
24.Number expected r users	r of esidents /	NA				
25.Tenant per hectar	density e	NA				
26.Height building(s)	of the					
27.Right of way (Width of the road from the nearest fire station to the proposed building(s)						n. The road to the project side is 6
28.Turning for easy ac fire tender movement around the excluding for the pla	y radius cess of from all building the width ntation	Turning rad	ius of 9 met	ers is provide	ed within the plot premis	es.
29.Existing structure	J s) if any	Manufactur present on p	ing plant , as project plot	ssociated uti	lities, raw material stora	ge area and admin building are
30.Details demolition disposal (I applicable	of the with f	The existing after demol	g shed of MS ition will be	, covering ar sold to the s	rea of 106.68 sq.m will be crap vendor.	e demolished. The scrap material
			31.P	roduct	ion Details	
Serial Number	Pro	duct	Existing	(MT/M)	Proposed (MT/M)	Total (MT/M)
1	Teno: Interm	xicam nediate	8	0	Production will be Stopped	Production will be Stopped
2	Linezolid Ir	ntermediate	26	50	Production will be Stopped	Production will be Stopped
3	Line	zolid			300	300
4	Deslor	atadine			100	100

Serial Number	Product	Existing (MT/M)	Proposed (MT/M)	Total (MT/M)
1	Tenoxicam Intermediate	80 Production will be Stopped		Production will be Stopped
2	Linezolid Intermediate	260	Production will be Stopped	Production will be Stopped
3	Linezolid	-	300	300
4	Desloratadine	-	100	100
5	3, 4 Dihydroxy Benzaldehyde	-	500	500
6	Febuxostat	-	300	300
7	Flavoxate HCL	Flavoxate HCL -		200
8	Fluvoxamine Maleate	-	100	100
9	Montelukast	-	200	200
10	Pregabalin	-	500	500
11	Rosuvastatin Calcium	-	200	200
12	Rupatadine Fumarate	-	100	100
13	Tapentadol Hydrochloride	-	100	100
14	Tolfanamic Acid	-	1000	1000
15	Lornoxicam	-	250	250
				1

age of the set			Signature:
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16	Zolpid	ic Acid		-	500)		500		
17	Total 340 (Probe S		340 (Prod be Sto	uction will opped)	435	0		4350		
		3	2.Tota	l Wate	r Requi	remen	t			
		Source of w	vater	NA						
		Fresh wate	r (CMD):	NA						
Dry season:		Recycled w Flushing (C	ater - CMD):	NA						
		Recycled w Gardening	ater - (CMD):	NA						
		Swimming make up (C	pool Cum):	NA						
		Total Wate Requireme	r nt (CMD)	NA				A.		
		Fire fightin Undergrou tank(CMD)	ng - nd water :	NA						
Fire fighting Overhead w tank(CMD):			ng - vater :	NA						
Excess treated water			NA							
		Source of w	vater	NA						
		Fresh wate	r (CMD):	NA						
		Recycled w Flushing (C	ater - CMD):	NA						
		Recycled w Gardening	ater - (CMD):	NA						
		Swimming make up (C	pool Cum):	NA						
Wet seaso	n:	Total Water Requirement (CMD) : Fire fighting - Underground water tank(CMD):		NA						
				NA						
	~	Fire fightin Overhead w tank(CMD)	ng - vater :	NA						
		Excess trea	ted water	NA						
Details of s pool (If an	Swimming y)	Not applicat	ole							
		3	3.Detail	s of Tota	l water co	onsumed	ł			
Particula rs	Cons	umption (Cl	MD)		Loss (CMD)		Ef	fluent (CMD))	
Water Require ment	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total	
Domestic	0.855	0.27	1.125	0.0855	0.027	0.1125	0.7695	0.243	1.0125	
Industrial Process	1	5.75	6.75	0	0	0	1	6.67	7.67	

age of the set			Signature: Name: Dr. Umakant Gangetreo Dangat
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Cooling tower & thermopa ck	10	27.11	37.11	7.722	15.9072	23.63	0.3091	5.01	5.3192		
Gardening	1.14	0.86	2	1.14	0.86	2	0	0	0		
Fresh water requireme nt	12.995	33.99	46.985	8.3983	16.7942	25.7425	2.0786	11.923	14.00		
Level of the Ground water table:				Average pro	emonsoon wa	ter level of I	Daund is 7.48	3 mbgl			
Size and no of RWH tank(s) and Quantity:			The rain wa tank of cap	ater collected acity 10 CMD	from roof to	op will be cor	nnected to the	RWH			
		Location of tank(s):	the RWH	Next to UG	Tank.						
34.Rain Water Quantity of recharge pits:			NA								
(RWH)		Size of rech :	arge pits	NA							
		Budgetary a (Capital cos	llocation t) :	1,00,000							
		Budgetary a (O & M cost	llocation) :	5,000							
		Details of U if any :	GT tanks	Fire Fighting tank of 40 CMD capacity & U. G. Tank of 30 CMD capacity are provided.							
		Natural wat drainage pa	er ttern:	Storm water drains of adequate capacity will be provided along the east & west boundaries of the plot.							
35.Storm	water	Quantity of water:	storm	Maximum 6	63 m3/hr of st	orm water w	vill be genera	ated.			
urannage		Size of SWD	0	The SWD having dimension of 0.5 m width X 1m height X 59m and 0.5 m width X 1m height X 35 m along the east & west and north boundaries of the plot respectively .							
		Sewage gen in KLD:	eration	1.0125							
		STP technol	ogy:	Sewage wa in the aerat	ste water will tion tank of th	be collected e effluent tr	d in septic ta eatment plai	nk and furthe nt.	r treated		
Sewage	and	Capacity of (CMD):	STP	NA							
Waste w	ater	Location & a the STP:	area of	NA							
		Budgetary a (Capital cos	llocation t):	NA	NA						
		Budgetary a (O & M cost	llocation):	NA							
	36.Solid waste Management										



Waste generation in Waste		Waste gen	eration:	Shed made up of M.S. w be sold out to the scrap	vill be demolished. The S vendor.	Scrap MS material will			
and Constr phase:	ruction	ion Disposal of the construction waste debris:							
		Dry waste:		Packing boards = 10 Kg	Packing boards = 10 Kg/m				
		Wet waste		NA					
Waste generation		Hazardous	waste:	Residue & Waste = 1.25 604.6 Kg/m, Distillation barrels/liners/ plastic ba TPM	Residue & Waste = 1.25 T/M, ETP Sludge = 600 Kg/m, Spent Carbon = 604.6 Kg/m, Distillation Residue =1961.7 Kg/m, Discarded containers barrels/liners/ plastic bags/ PPE etc = 1000 nos/m, Spent solvent = 24.5 TPM				
Phase:		Biomedica applicable	l waste (If):	NA					
		STP Sludg sludge):	e (Dry	NA					
		Others if a	ny:	NA					
Dry waste				Through local Municipa	l waste disposal system.				
		Wet waste	0 0	NA					
Mode of Disposal of waste:		Hazardous	waste:	All the Hazardous waste disposed to CHWTSDF,	e generated within the co Ranjangaon.	ompany premises will be			
		Biomedical waste (If applicable):		NA	NA				
		STP Sludge (Dry sludge):		NA					
		Others if a	ny:	NA					
		Location(s):	Dedicated Hazardous Waste storage area of 10 sq. m. will be provided as depicted in the project plot layout plan.					
Area requirem	ent:	Area for th of waste & material:	ne storage other	Dedicated Hazardous Waste storage area of 10 sq. m. will be provid as depicted in the project plot layout plan					
		Area for m	achinery:	V: NA					
Budgetary	allocation	Capital cos	st:	NA					
O&M cost)	:	O & M cos	t:	NA					
			37. Ef	fluent Charecter	estics				
Serial Number	Paran	neters	Unit	Inlet Effluent Charecterestics	Outlet Effluent Charecterestics	Effluent discharge standards (MPCB)			
1	р	H	-	5.8	7.2	5.5-8.5			
2	TI	OS	mg/l	5128	3320	<4000			
3	ВС)D	mg/l	4500	190	<3000			
4	CC	DD	mg/l	12000	780	<6000			
5	0.8	δx G	mg/l	6.6	BDL	<10			
Amount of e (CMD):	effluent gene	eration	14.00 CMD						
Capacity of	the ETP:		15 CMD						
Amount of t recycled :	reated efflue	ent	Nil. Effluen	t after treatment in ETP	will be further sent to Cl	ETP.			
Amount of v	vater send to	o the CETP:	14.00 CMD)					
Membershi	p of CETP (if	require):	Company is Protection	y is having membership of CETP, Kurkumbh. (Kurkumbh Environment on co-operative Society Maryadit.					

agenoment			Signature:
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Note on ET	P technology to be used	e efflu city 15 e wate ent afte	lent generate CMD compr r will be subj er treatment	ed within th rising of Pri jected to ae will be furt	e company pi mary, Second ration tank (S her sent to C	remises wi ary & tert Secondary ETP, Kurk	ll be treated in the ETP of iary treatment. Domestic treatment) of ETP. The umbh.	
Disposal of the ETP sludge ETP sludge will be disposed off to CHWTSDF, Ranjangaon.								
		38	8.H a	zardous	Waste 3	Details		
Serial Number	Description	Ca	at	UOM	Existing	Proposed	Total	Method of Disposal
1	Residue & waste	28	8.1	Kg/M	1.25	-	1.25	CHWTSDF /Co- processing
2	ETP Sludge	35	5.3	kg/M	50	550	600	CHWTSDF /Co- processing
3	Spent Carbon	28	28.3 Kg/M		-	604.6	604.6	CHWTSDF /Co- processing
4	Distillation Residue	20).3	Kg/M	-	1961.7	1961.7	CHWTSDF /Co- processing
5	Discarded containers barrels/liners/ plastic bags/ PPE etc	33	8.1	Nos./M	-	1000	1000	To the authorized recycler
6	Spent solvent	28	8.6	MT/M	-	24.5	24.5	To the authorized recycler
		3	89.S 1	tacks em	ission D	etails	-	
Serial Number	Section & units	Fu	ıel Us Qua	ed with ntity	Stack No	Height from ground level (m)	Interna diamete (m)	l r Temp. of Exhaust Gases
1	850 kg/hour steam boiler	LD	0 0.9	04 Kl/day	1	20	0.4	124
2	2 lakh kcal Thermic Fluid Heater	LD	0 0.62	24 Kl/day	1	20	0.4	124
3	100 kVA Diesel Generator	Higl	h Spee 10 l	ed Diesel – /day	2	3.0 (above roof level)	0.1	156
4	Scrubber	C		-	3	15m (above roof level)	0.2	30
40.Details of Fuel to be used								
		40).De	tails of F	uel to b	e used		
Serial Number	Type of Fuel	40	0.De	Existing	fuel to k	Proposed		Total
Serial Number 1	Type of Fuel LDO	40	0.De	tails of F Existing 0.20 KLD	fuel to h	Proposed 1.328 KLD		Total 1.528 KLD
Serial Number 1 2	Type of Fuel LDO High speed diesel	40	0.De	tails of F Existing 0.20 KLD 10 l/day		Proposed 1.328 KLD 0		Total 1.528 KLD 10 l/day
Serial Number 1 2 41.Source o	Type of Fuel LDO High speed diesel of Fuel	40	D.De	tails of F Existing 0.20 KLD 10 l/day : Local Supp	lier, High s	Proposed 1.328 KLD 0 peed diesel: L	.ocal HP v	Total 1.528 KLD 10 l/day endor



Tota		Total RG a	Fotal RG area :		681.45 sq. m.					
		No of trees	s to be cut	NA						
43.Green Belt Development		Number of be planted	Number of trees to be planted :		103					
		List of proposed native trees :		Cassia fistu Schleichera Terminalia Helicteres i indicum, Er Pongamia p Dalbergia s	Cassia fistula, Bombax ceiba, Asltonia shcolaris, Macaranga peltata, Schleichera oleosa, Microcos paniculata, Terminalia elliptica, Terminalia paniculata, Terminalia bellirica, Cordia dichotoma, Helicteres isora, Holoptelea integrifolia, Butea monosperma, Oroxylum indicum, Erythrina suberosa, Azadirachta indica, Trema orientalis, Pongamia pinnata, Neolamarckia cadamba, Pterospermum acerifolium, Dalbergia sissoo, Pongamia pinnata					
		Timeline for completion plantation	or n of :	2 years after grant of environmental clearance						
	44.Nu	mber and	l list of t	rees spe	cies to be plante	d in the ground				
Serial Number	Name of	the plant	Commo	n Name	Quantity	Characteristics & ecological importance				
1	Cassia	fistula	Bah	lava	05	Native tree of forest tracts of Sahyadri ranges having flowers attracting bees and butterflies				
2	Bombax ceiba		Sawar		05	A native deciduous tree with fragrant flowers attracting large number of birds & insects				
3	Asltonia shcolaris		Saptaparni		05	A native evergreen tree with fragrant flowers & leaves having comparatively higher dust settling index				
4	Macaran	ga peltata	Chan	ldwar	05	A native tree found in abundance across the plains of Sahyadri ranges				
5	Schleiche	era oleosa	Kus	sum	05	A native deciduous trees of forest tracts of Sahyadri ranges				
6	Microcos	paniculata	Shi	rali	05	A native evergreen medium sized tree of forest tracts of Sahyadri ranges				
7	Terminali	a elliptica	A	in	05	A native evergreen tree of forest tracts of Sahyadri ranges				
8	Terminalia	paniculata	Kin	ıdal	05	A native deciduous tree of forest tracts of Sahyadri ranges				
9	Terminali	a bellirica	Bah	ieda	05	A native deciduous tree of forest tracts of Sahyadri ranges				
10	Cordia d	ichotoma	Sh	elu	05	A native deciduous tree of forest tracts of Sahyadri ranges attracting large number of insects				
11	Helicter	Helicteres isora Muruc		lsheng	05	A native deciduous medium sized tree of forest tracts of Sahyadri ranges visited by large number of birds				
12	Holoptelea	integrifolia	Ainsa	adada	05	A native deciduous tree of forest tracts of Sahyadri ranges				
13	Butea mo	nosperma	Pal	ash	05	A native brilliantly flowering tree abundant the Palghar District visited by large number of birds				
14	Oroxylun	n indicum	Te	etu	05	A native ornamental tree				

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15	Erythrina	suberosa	Pan	gara	0	5	A native deciduous medium sized tree of forest tracts of Sahyadri ranges visited by large number of birds	
16	Azadiracl	hta indica	Kadı	ılimb	0	5	A native evergreen tree capable of surviving in comparatively polluted environs	
17	Dalberg	ia sissoo	Shis	ham	0	5	A native evergreen tree attracting large number of insects	
18	Trema o	rientalis	G	nol	0	5	A native deciduous medium sized tree with hairy leaves having comparatively higher dust settling index	
19	Pongami	a pinnata	Kai	ranj	0	5	A native deciduous tree well suited to intense heat and sunlight and drought tolerant	
20	Neolan cada	narckia umba	Kada	amba	0	4	A native evergreen tree with tremendous blooms attracting large number of insects	
21	21 Pterospermum acerifolium Karr		nikar	0	4	A native evergreen tree with large & hairy leaves having comparatively high dust settling index generally used for ornamental plantation		
45.Total quantity of plants on group				nd				
46.Number and list of shrubs an				d bushes	s species	to be pl	anted in the podium RG:	
Serial Number		Name		C/C Dista	ince		Area m2	
1		NA		NA NA				
				47.E	nergy			
		Source of powe supply :	er	Maharashti	ra State Elec	tricity Distri	bution Company Limited (MSEDCL)	
		During Constr Phase: (Deman Load)	iction d	n 50 KVA				
		DG set as Power back-up during construction phase		NA				
Power requirement: During Op phase (Cor load): During Op phase (Der load): Transform DG set as 1 back-up du operation p		During Operat phase (Connec load):	uring Operation tase (Connected ad):					
		During Operat phase (Deman load):	ion 1	90 KVA				
		Transformer:		184 KW				
		DG set as Powe back-up during operation phas	er J e:	1 x 100 KVA				
		Fuel used:		High Speed	l Diesel			
Details of hig tension line p through the p any:		Details of high tension line pa through the pl any:	ssing ot if	NA				

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		48.Ene	ergy savi	ng by no	n-co	nventional method:
8 nos of Sol	ar street ligi	nts will be in	stalled withi	in the plot pr	emises	3
		4	9.Detail	calculati	ons	& % of saving:
Serial Number	E	nergy Cons	ervation M	easures		Saving %
1			NA			NA
		50	.Details	of pollut	ion c	control Systems
Source	Ex	isting pollu	ition contro	ol system		Proposed to be installed
Air	Common stack of 11 m height for 0.6 TPH Boiler 2 Lakh Kcal/hr Thermopack, to ensure effectiv dispersion of pollutants. 1 no of Alkali scrubber scrub the process emissions. 1 m stack height fo G set of 100 KVA capacity.			.6 TPH Boile: ensure effecti lkali scrubbe tack height fo city .	r and ve r to or D.	Common stack of 20 meters height attached to both boiler and thermopack. Alkali scrubber of 100 CFM capacity having stack height of 15m (above roof level). 1 m stack height for D. G set of 100 KVA capacity will be upgraded to 3 meters.
Water	ETP of 2 CMD capacity comprising of Primary, Secondary and Tertiary Treatment.				у,	Existing ETP of 2 CMD capacity will be upgraded to 15 CMD capacity for treating additional effluent load after expansion. The ETP will comprise of Primary, Secondary and Tertiary Treatment.
Noise	Acoustic er Preventive	nclosures have been provided to D.G Sets. maintainance of all the noise generating equipments is being done			Sets. ating	Existing pollution control systems are sufficient for the proposed expansion. A thick green belt will be provided on the periphery of the plant premises.
Soild hazardous waste	The hazardous waste is stored in a seperate demarcated area, the recyclables are sent to authorized vendors and the rest are sent to CHWTSDF for disposal				e 0)	Existing pollution control systems are sufficient for the proposed expansion
Budgetary	allocation	Capital co	NA NA			
(Capital O&M	cost and cost):	0 & M cos	st: NA			
51	.Enviro	onment	tal Mar	nageme	ent j	plan Budgetary Allocation
		a)	Constru	ction pha	nse (with Break-up):
Serial Number	Attril	butes	Para	meter		Total Cost per annum (Rs. In Lacs)
1	Dust Generation due to demolition and construction of Raw material storage area and Process area. Installation of barrie around the construction / demolition area, sprinkling of water fr dust suppression, PPE's to workers exposed to dust		n of barriers nd the uction / ion area, of water for pression, workers l to dust ution.		0.25	
2	Water Pollu release of sew	ition due to untreated age	Sewage et be collecte tank and f be treat aeration ta	ffluent will ed in septic further will ed in the ank of ETP.		0.1
3	Noise pollu operation machin equip	tion due to of heavy ery and ment	Installation aroun constr demolition to workers noise p	n of barriers ad the uction / area, PPE's exposed to ollution.		0.25



4	Construction debris and construction wasteThe waste with saleable value like metal scrap will be sold off, construction debris will be utilized within the plot for leveling purpose.			te be ion zed pr s.	0.2					
	b) Operation Phase (with Break-un):									
Serial Number	Con	ponent	Description		Capital cost Rs. In Lacs		. In	Opera C	tional and ost (Rs. in	Maintenance Lacs/yr)
1	Air		Upgradation of existing common stack of boiler & thermopack to 20 m height.		3			0.5		
2	V	Vater	Up gradation of existing ETP to 1 CMD capacity .	5		35			3	
3	Noise		Development of acoustic enclosury and installation of shock absorbers vibration absorbin pads.	Development of oustic enclosures id installation of ock absorbers & pration absorbing nads		1		9	0.5	
4	Occupational Health		Purchase of PPE's and health check ups.			0.5			0.5	
5	Gre	en Belt	Development of green belt.		1.50			0.8		
6	Solid Waste		Purchase of solid waste storage bags, containers.		1.50		1			
7	7 Rain water harvesting		Provision of RWH system along with above ground collection tank of 10 CMD.			1			0.05	
51.S	torag	e of che	micals (infl	lama	bl	e/expl	osiv	e/ha	zardou	s/toxic
	0		sub	stan	lce	s)		-		-
Descri	Description Status		Location Sto Location Caj in		ge city T	Maximum Quantity of Storage at any point of time in MT	Const / Mo	umption onth in MT	Source of Supply	Means of transportation
3,4 DI	FNB	Liquid	Enclosed shed	0.2		0.2	0.4	15887	Import	By air/sea and road
Morph	rpholine Liquid Ei		Enclosed shed	0.2		0.2	0.3	30286	Local	By Road
Sodium Ca	Carbonate Solid Enclosed shed		0.2		0.2	0.8	37782	Local	By Road	
Ethyl A	cetate Liquid Enclosed shed		1.8		1.8	11.	69076	Local	By Road	
5% P	d/c	l/c Solid Enclosed shed 0.		0.00	5	0.005	0.0	0687	Local	By Road
Hydroge	en Gas	Gas	Enclosed shed	0.002	2	0.002	1.2	28763	Local	By Road
Metha	anol	Lıquid	Enclosed shed	1.58	3	1.58	36.	01166	Local	By Road
R-Epichlo	rohydrin	Liquid	Enclosed shed	0.2		0.2	0.2	28909	Import	by air/sea and road
Abhay Pimp SEAC-I)	orther (Sec	cretary SEA	C Meeting No: 156th October 5	Day-2 1	Meet	ing Date:	Pag	ge 48 D of 99 ((Signature:	at Gangetreo Dangat Dangat CAC-I)

DMF	Liquid	Enclosed shed	1.9	1.9	9.29326	Local	By Road
Potassium pthalimide	Solid	Enclosed shed	0.2	0.2	0.53321	Local	By Road
Ethylene Chloride	Liquid	Enclosed shed	2.5	2.5	20.25493	Local	By Road
Triphosgin	Solid	Enclosed shed	0.07	0.07	0.27367	Local	By Road
Tri Ethyl Amine	Liquid	Enclosed shed	0.2	0.2	0.75554	Local	By Road
Sodium Bicarbonate	Solid	Enclosed shed	0.025	0.025	0.02737	Local	By Road
Hydrazine Hydrate	Liquid	Enclosed shed	0.2	0.2	0.76717	Local	By Road
Activated Carbon	Solid	Enclosed shed	0.1	0.1	0.26665	Local	By Road
Methylene Chloride	Liquid	Enclosed shed	2.66	2.66	15.83067	Local	By Road
Acetic Anhydride	Liquid	Enclosed shed	0.2	0.2	0.46552	Local	By Road
Liquor Ammonia	Liquid	Enclosed shed	0.2	0.2	1.70153	Local	By Road
Thiophene Ester	Solid	Enclosed shed	0.075	0.075	0.37226	Import	By air/sea and road
Magnesium Metal	Solid	Enclosed shed	0.05	0.05	0.13401	Local	By Road
HCL	Liquid	Enclosed shed	0.35	0.35	6.86534	Local	By Road
Acetone	Liquid	Enclosed shed	0.316	0.316	0.71734	Local	By Road
Dimethyl Sulphate	Liquid	Enclosed shed	0.2	0.2	0.17705	Local	By Road
Sodium Hydroxide	Solid	Enclosed shed	0.2	0.2	1.67192	Local	By Road
Xylene	Liquid	Enclosed shed	1.76	1.76	25.88333	Local	By Road
2 Amino Pyridine	Solid	Enclosed shed	0.05	0.05	0.10833	Local	By Road
Potassium Carbonate	Solid	Enclosed shed	0.2	0.2	1.00093	Local	By Road
2 amino 5 methyl pyridine	Solid	Enclosed shed	0.1	0.1	0.2572	Local	By Road
Aluminum Chloride	Solid	Enclosed shed	0.05	0.05	0.12058	Local	By Road
4 Methyl Acetophenone	Solid	Enclosed shed	0.2	0.2	0.43724	Local	By Road
Bromine	Liquid	Enclosed shed	0.05	0.05	0.46811	Local	By Road
Toluene	Liquid	Enclosed shed	1.734	1.734	5.32891	Local	By Road
Oxalyl Chloride	Liquid	Enclosed shed	0.2	0.2	0.35185	Local	By Road
Acetic Acid	Liquid	Enclosed shed	0.175	0.175	0.6616	Local	By Road
DEG	Liquid	Enclosed shed	0.6	0.6	3.05	Local	By Road
Potassium Hydroxide	Solid	Enclosed shed	0.2	0.2	0.2879	Local	By Road
Loratadine	Solid	Enclosed shed	0.05	0.05	0.11574	Local	By Road
3 Chloromethyl 5 methyl pyridine HCL	Solid	Enclosed shed	0.05	0.05	0.06296	Local	By Road
TBAB	Solid	Enclosed shed	0.005	0.005	0.00463	Local	By Road
Potassium Dihydrogen Phosphate Fumaric Acid	Solid	Enclosed shed	0.01	0.01	0.01019	Local	By Road
Vanillin	Liquid	Enclosed shed	0.2	0.2	0.76923	Local	By Road
Pyridine	Liquid	Enclosed shed	0.2	0.2	1.04615	Local	By Road
N-1(3-cyano)	Solid	Enclosed shed	0.1	0.1	0.27174	Local	By Road
Barium Hydroxide	Solid	Enclosed shed	0.05	0.05	0.14946	Local	By Road
3- methylflavone	Solid	Enclosed shed	0.05	0.05	0.09091	Local	By Road
Piperidine Ethanol	Liquid	Enclosed shed	0.05	0.05	0.05818	Local	By Road
Thionyl Chloride	Liquid	Enclosed shed	0.2	0.2	0.07455	Local	By Road
IPA HCL	Liquid	Enclosed shed	0.2	0.2	0.21528	Local	By Road
N-1(Fluvoxamine Maleate)	Solid	Enclosed shed	0.05	005	0.08929	Local	By Road
PEG 400	Liquid	Enclosed shed	0.2	0.2	0.35714	Local	By Road

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2- Chloroethyl Amine	Liquid	Enclosed shed	0.04	0.04	0.04464	Local	By Road
Maleic Acid	Solid	Enclosed shed	0.01	0.01	0.0125	Local	By Road
Benzapropanol	Solid	Enclosed shed	0.2	0.2	0.11765	Local	By Road
I-mercapto methyl	Solid	Enclosed shed	0.04	0.04	0.04118	Local	By Road
Dimethyl Sulfoxide	Liquid	Enclosed shed	0.2	0.2	0.51765	Local	By Road
Sodium Methoxide	Solid	Enclosed shed	0.2	0.2	0.22824	Local	By Road
Di cyclohexylamine	Liquid	Enclosed shed	0.05	0.05	0.05882	Local	By Road
Hexane	Liquid	Enclosed shed	0.2	0.2	0.37647	Local	By Road
Ethanol	Liquid	Enclosed shed	0.2	0.2	0.29176	Local	By Road
N-Heptane	Liquid	Enclosed shed	0.2	0.2	0.73882	Local	By Road
N-1(Pregabalin)	Solid	Enclosed shed	0.2	0.2	0.90909	Local	By Road
Sodium Hypochlorite	Liquid	Enclosed shed	0.05	0.05	3.16364	Local	By Road
Isopropanol	Liquid	Enclosed shed	0.4	0.4	1.84545	Local	By Road
Tert. Butyl Rosuvastatin	Liquid	Enclosed shed	0.05	0.05	0.24691	Local	By Road
Calcium Chloride	Solid	Enclosed shed	0.05	0.05	0.05926	Local	By Road
N-1(Tapentadol Hydrochloride)	Solid	Enclosed shed	0.05	0.05	0.13889	Local	By Road
2-Methyl THF	Liquid	Enclosed shed	0.2	0.2	0.25	Local	By Road
Trifloro Acetic Anhydride	Liquid	Enclosed shed	0.05	0.05	0.16111	Local	By Road
10% Pd/C	Solid	Enclosed shed	0.005	0.005	0.01667	Local	By Road
IPA	Liquid	Enclosed shed	0.4	0.4	1.83333	Local	By Road
3-CMA	Solid	Enclosed shed	0.2	0.2	0.8	Local	By Road
OCBA	Solid	Enclosed shed	0.5	0.5	1.68	Local	By Road
Copper Powder	Solid	Enclosed shed	0.005	0.005	0.016	Local	By Road
Fumaric Acid	Solid	Enclosed shed	0.025	0.025	0.03333	Local	By Road
		52.Any	Other Info	ormation			
No Information Availa	ble						
		53.Tra	ffic Manag	gement			
Nos. of the junction to the main road & design of confluence:							
SLA							

agger of the ser			Signature: Name: Dr. Umakan Gangetreo Dangat
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	Numl baser	per and area of nent:	NA		
	Numl podia	per and area of :	NA		
	Total	Parking area:	75.0 Sq.m		
	Area	per car:	NA		
	Area	per car:	NA		
Parking details:	Numb Whee appro comp autho	ber of 2- lers as wed by etent ority:	NA		
	Numb Whee appro comp autho	ber of 4- lers as wed by etent ority:	NA		122
	Publi	c Transport:	NA		
	Widtl roads	n of all Internal (m):	6.0 m		
	CRZ/ obtai	RRZ clearance n, if any:	NA		
	Dista Prote Critic areas areas bound	nce from cted Areas / cally Polluted / Eco-sensitive / inter-State daries	NA		
	Categ sched Notifi	jory as per lule of EIA ication sheet	B1		
	Court if any	cases pending	NA		
	Other Inform	r Relevant mations	NA		
	Have subm Appli on M	you previously itted cation online OEF Website.	Yes		
	Date subm	of online ission	01-01-1900		
SEAC	DIS	CUSSION	ON ENVIRONME	ENTAL	ASPECTS
Environmental Impacts of the project	Not A	pplicable			
Water Budget	Not A	pplicable			
Waste Water Treatment	Not A	pplicable			
Drainage pattern of the project	Not A	pplicable			
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 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

agger of the set			Signature:
Abhay Pimparkar (Secretary	SEAC Meeting No: 156th Day-2 Meeting Date:	Page 52	Dr. Umakant Dangat
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Based on the presentation made by PP; committee decided to approve the TOR for the preparation of EIA/EMP report as per standard TOR and additional TOR points mentioned below.

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

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

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

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.

Specific Conditions by SEAC:

PP to submit certificate of incorporation of the company, list of directors and memorandum of articles.
 PP to submit lay out plan showing internal roads with six meter width and nine meter turning radius, location of pollution control equipment, parking areas, 33% green belt with its dimensions, rain water harvesting structures (locations with dimensions), storm water drain lines, along with index and area statement showing calculations for each area and cross sections of storm water drain and rain water harvesting pits etc.

3) PP to provide green belt as per OM issued by MoEF&CC dated 09.08.2018. The green belt of 5-10 m width shall be developed in more than 33% of the total project area, mainly along the plant periphery, in downward wind direction, and along road sides etc. Selection of plant species shall be as per the CPCB guidelines in consultation with the State Forest Department.

4) PP to carry out life cycle analysis of the activities carried out on site with respect to the sustainability index, green house and ozone depletion potential etc

5) PP to include 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 include detailed water balance in the EIA report along with design details of effluent treatment plant.

7) PP to carry out HAZOP and QRA and submit Disaster Management Plan.

8) PP to submit a technical report on how the proposed expansion with respect to the production quantity will be accommodated in the existing facility along with structural stability certificate of existing buildings/structures on the site.9) PP to submit an undertaking for not violating any requirements of EIA Notification, 2006.

10) PP to submit hazardous chemical handling protocol

11) PP to use new and renewable energy for the illumination of office building and street lights.

12) PP to provide lightening arrestor.

13) PP to conduct socio economic impact study.

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.



156th Meeting of State Level Expert Appraisal Committee (SEAC-1)									
SEAC Meeting number: 156th Day-2 Meeting Date October 5, 2018									
Subject: Environment Clearance for Storage of Chlorine (50 T/Day)									
Is a Violation Case: No									
1.Name of Project Sterlite Technologies Ltd.									
2.Type of institution	Private	Private							
3.Name of Project Proponent	Mr. S. Rajago	pal							
4.Name of Consultant	Gaurang Env	ironmental Solutions							
5.Type of project	NA								
6.New project/expansion in existin project/modernization/diversifica- in existing project	ng tion New Project	New Project							
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	NA	NA							
8.Location of the project	Plot No. D-19	8 & D-199, Shendra MIDC							
9.Taluka	Aurangabad								
10.Village	Shendra			7					
Correspondence Name:	Sterlite Tech	nologies Ltd , MIDC Shendra, Aurar	ngabad. Maha	rashtra-India					
Room Number:	Plot No.D-198	3 & D-199							
Floor:	NA								
Building Name:	NA								
Road/Street Name:	Shendra MID	Shendra MIDC Road							
Locality:	Shendra MID	Shendra MIDC							
City:	City Auranga	City Aurangabad							
11.Area of the project	NA	NA							
12 IOD/IOA/Concession/Plan	NA								
Approval Number	IOD/IOA/Con	ncession/Plan Approval Number:	: NA						
	Approved Bu	nilt-up Area: 6522							
13.Note on the initiated work (If applicable)	NA	×*							
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	NA	NA							
15.Total Plot Area (sq. m.)	22734	22734							
16.Deductions	NA	NA							
17.Net Plot area	NA	NA							
	a) FSI area	a) FSI area (sq. m.): NA							
18 (a).Proposed Built-up Area (FS	b) Non FSI a	b) Non FSI area (sq. m.): NA							
	c) Total BUA	c) Total BUA area (sq. m.): 6522							
	Approved FS	Approved FSI area (sq. m.): NA							
18 (b).Approved Built up area as	per Approved No	Approved Non FSI area (sq. m.): NA							
DOM	Date of App	Date of Approval: 03-08-2018							
19.Total ground coverage (m2)	NA	NA							
20.Ground-coverage Percentage ((Note: Percentage of plot not ope to sky)	(%) n NA	NA							
21.Estimated cost of the project	1150000000	115000000							
22.Nu	mber of b	ouildings & its co	nfigur	ation					
Serial number Building Name	e & number	Number of floors	Hei	ight of the building (Mtrs)					
·									
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1		NA	L		NA NA				
23.Number tenants an	r of d shops	NA			-				
24.Number expected r users	r of esidents /	NA							
25.Tenant per hectar	density e	NA							
26.Height building(s)	of the								
27.Right o (Width of t from the n station to t proposed h	f way the road earest fire the puilding(s)	19							
28.Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation9						00			
29.Existing structure (J (s) if any	Na							
30.Details demolition disposal (I applicable)	of the with f	NA				000			
				31.P	roduct	tion Detail	S		
Serial Number	Proc	luct		Existing	(MT/M)	Proposed (MT	/ M)	Total (MT/M)	
1	Silicon Tet	rachlori	ide	(500		500	
2	Silicon Di Prod	oxide {E uct}	By		0	20		20	
			32	2.Tota	l Wate	r Requiren	nent		
		Source	e of wa	ater	MIDC				
		Fresh	water	(CMD):	89				
		Recycled water - Flushing (CMD):		72					
	\sim	Recycled water - Gardening (CMD):			3				
	2	Swimn make u	ning p up (Cı	ool 1m):	0				
Dry season:		Total Water Requirement (CMD) :		167					
		Fire fig Underg tank(C	ghting groun CMD):	J - d water	0				
		Fire fig Overhe tank(C	ghting ead wa CMD):	J - ater	0				
Excess treated			ed water	0					
age of the sig						Signature:			

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		Source of wa	ter	MIDC						
Fresh water (CMD):			83							
Recycled water - Flushing (CMD):			72							
Recycled water - Gardening (CMD):				3						
		Swimming po make up (Cu	ool m):	0						
Wet seaso	n:	Total Water Requirement :	(CMD)	155						
		Fire fighting Underground tank(CMD):	- l water	0				.).		
		Fire fighting Overhead wa tank(CMD):	- ter	0				D.		
		Excess treate	ed water	0				7		
Details of pool (If an	Swimming y)	NA				C	0			
		33	.Detail	s of Tota	l water co	nsume	d			
Particula rs	Cons	sumption (CM	D)	I	Loss (CMD)	S	Eff	fluent (CMD)		
Water Require ment	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total	
Domestic	0	4	4	0	1	1	0	3	3	
Industrial Process	0	41	41	0	5	5	0	36	36	
Cooling tower & thermopa ck	0	110	110	0	74	74	0	36	36	
Gardening	0	6	6	0	6	6	0	0	0	
		Level of the (water table:	Ground	10						
		Size and no c tank(s) and Quantity:	of RWH	Will be submitted in detail in EIA Report						
	SY	Location of t tank(s):	he RWH	Will be submitted in detail in EIA Report						
34.Rain V Harvestii	Water ng	Quantity of r pits:	echarge	Will be submitted in detail in EIA Report						
(RWH)	5	Size of recha :	rge pits	Will be submitted in detail in EIA Report						
Budgetary allocation (Capital cost) :				Rs. 10 Lacs						
		Budgetary al (O & M cost)	location :	Rs. 1 Lacs						
		Details of UG if any :	T tanks	Will be subn	nitted in detail	in EIA Re	port			

age of the state			Signature: Name: Dr. Umakant Gangatzeo Dangat
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DE Stermenneter	Natural water drainage pattern:	The plot is sloping in West-South direction. Natural drain is available along the side of roads.					
drainage	Quantity of storm water:	1136.7 m3 at pick rainfall					
	Size of SWD:	1 m * 1 m * 1.25 m Depth along the plot boundary					
	•						
	Sewage generation in KLD:	3.2					
	STP technology:	Septic Tank followed by Soak Pit					
Sewage and	Capacity of STP (CMD):	1 No 5 KLD					
Waste water	Location & area of the STP:	Near ETP					
	Budgetary allocation (Capital cost):	Rs 25 Lacs					
	Budgetary allocation (O & M cost):	Rs 2.5 Lacs					
	36.Solie	d waste Management					
Waste generation in	Waste generation:	Civil Construction Waste, Packing Waste, Steel Waste					
the Pre Construction and Construction phase:	Disposal of the construction waste debris:	To be stored in dedicated storage yard and will be sold to authorized vendor					
	Dry waste:	Office waste: 50 Kg/Month, Polythene bags: 100 Kg/Month, Corrugated boxes: 240 Kg/Month					
	Wet waste:	Canteen Waste: 100 Kg/Month					
Waste generation in the operation	Hazardous waste:	Sludge From Water Treatment: 120 T/Month, Waste Oil: 100 Liter/Month, Process Residue: 20 T/Month, Discarded containers barrels used for HW and chemical 100 No/M, Silicon Residue 20 T/m					
Phase:	Biomedical waste (If applicable):	NA					
	STP Sludge (Dry sludge):	100 kg/Month					
	Others if any:	NA					
	Dry waste:	Sale to Authorized Vendor					
	Wet waste:	Sale to Authorized Vendor					
	Hazardous waste:	To CHWTSDF					
Mode of Disposal of waste:	Biomedical waste (If applicable):	NA					
	STP Sludge (Dry sludge):	Sale to Authorized Vendor					
	Others if any:	NA					
	Location(s):	Shendra MIDC					
Area requirement:	Area for the storage of waste & other material:	4465 sqm					
	Area for machinery:	1247 sqm					
Budgetary allocation	Capital cost:	115000000					
O&M cost):	O & M cost:	500000					

agen or aness			Signature: Name: Dr. Umakant Gangetreo Dangat
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37.Effluent Charecterestics											
Serial Number	Parameters	Ur	nit	Inlet E Charect	ffluen eresti	t cs	Outlet Effluent Charecterestics			nt ics	Effluent discharge standards (MPCB)
1	From Cooling Tower, Boiler	R	0	high TDS a p	and ne H	utral	As Per MPCB Norms			orms	BOD<30, COD<150, TDS<2100
2	Scrubber Waste Wate	r ETP/	MEE	salts of sod aı	ium sil nd	icate	As P	er MF	CB No	orms	BOD<30, COD<150, TDS<2100
3	For sludge handling	Fil Pre Centr	ter ess/ rifuge	Sa	lts		As P	'er MP	PCB No	orms	BOD<30, COD<150, TDS<2100
Amount of e (CMD):	effluent generation	75									
Capacity of	the ETP:	90									
Amount of t recycled :	reated effluent	75									N.V
Amount of v	water send to the CETF	: NA									
Membershi	p of CETP (if require):	NA									7
Note on ET	P technology to be used	ZLD-I send purifi	Proces along ication	s(CT & Boil Scrubber wa will be done	er)Blov ater to e in MB	w dow Clarifi EE.	n aftei ier wh	r passi ere aft	ng thr ter sed	ough i iment	RO, all reject will be ation further
Disposal of	the ETP sludge	Dispo	osal to	CHWTSDF/S	Sale.						
		3	8.H a	zardous	Was	te D	etai	ls			
Serial Number	Description	Ca	at	UOM	Exis	ting	Prop	osed	То	tal	Method of Disposal
1	ETP Sludge	35	5.3	T/Month	(2	0	2	0	CHWTSDF
2	MEE Salt	35	5.3	T/Month)	10	00	10	00	CHWTSDF
3	Waste Oil	5.	.1	Lit/Month	()	1()0	10)0	Sale to Authorised Vendor
4	Process Residue	27	7.1	T/Annum	()	2	0	2	0	CHWTSDF
5	Disposal of barrel	33	3.1	No./Month	()	1	0	1	0	Sale to Authorised Vendor
		3	89.St	acks em	issio	n De	etail	5			
Serial Number	Section & units	Fı	uel Us Quai	ed with ntity	Stacl	s No.	Hei fro gro level	ght om und (m)	Inte dian (n	rnal ieter n)	Temp. of Exhaust Gases
1	Boiler 1	C	NG 18	5 kg/Hr	1	-	3	0	0.	.5	140
2	Boiler 2	C	NG 18	5 kg/Hr	1		3	0	0.	.5	140
3	Process Vent Scrubbe	r	Ν	A	1		3	0	0		40
4	Emergency Vent Scrubber		Ν	A	1	-	3	0	0.	.3	40
5	Emergency Chlorine Scrubber		Ν	A	1		2	0	0.	.3	40
6	DG Set	ŀ	HSD 10)7 LPH	1		3	0	0.	15	140
		40	0.De	tails of F	uel	to be	e use	ed			
Serial Number	Type of Fuel			Existing			Prop	osed		Total	
1	CNG			0		50	000 No	um/Da	ay		5000 Ncum/Day
2	HSD			0			107	LPH			107 LPH
Signature:							ture:				

Abb an Dimmerchan	(Cometore)	
Аблау Рітрагкаг	(Secretary	
SEAC-I)		



41.Source of Fuel Loca				Local	Vendor				
42.Mode of Transportation of fuel to site By				By Ro	bad				
		Total RG a	rea :		7607				
		No of trees	s to b	e cut	0				
43.Gree	n Belt	Number of be planted	f trees	s to	1000				
Develop	ment	List of pro native tree	posed s :	l	Neem, Nan Laxmi Taru	drulk , Sita	Ashok, Shiris	h , Royal Palm, Palas, Maharukh,	
		Timeline for completion plantation	or n of :		3 years			0.	
	44.Nu	mber and	l list	t of t	rees spe	cies to l	be planted	l in the ground	
Serial Number	Name of	the plant	C	ommo	n Name	Qu	antity	Characteristics & ecological importance	
1	Azadirac	hta indica		Ne	em	65		Medicinal Value	
2	Ficus mi	crocarpa		Nan	druk	50		Medicinal Value	
3	Saraca	a asoca		Sita A	Ashok	75		Beautification	
4	Royston	lea regia		Royal	Palm	70		Beautification	
5	Albizzi	alebek		Shi	rish	80		Large Tree	
6	Buteamor	no sperma		Pa	las	85		Beautification	
45	5.Total qua	ntity of plan	nts on	grou	nd				
46.Nun	ıber and	list of sl	nrub	s an	d bushes	specie	s to be pla	anted in the podium RG:	
Serial Number		Name			C/C Distance			Area m2	
1		NA			NA			NA	
					47.EI	iergy			
47.Energy									

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		Source of power supply :	MSEDCL				
		During Construction Phase: (Demand Load)	50 KW				
		DG set as Power back-up during construction phase	500 KVA				
Der		During Operation phase (Connected load):	0.5 MW				
require	ement:	During Operation phase (Demand load):	0.5 MW				
		Transformer:	Yes				
		DG set as Power back-up during operation phase:	500 KVA				
		Fuel used:	HSD				
		Details of high tension line passing through the plot if any:	No				
		48.Energy savi	ng by non-conventional method:				
Solar system	u will be pro	vided at Administration	Building & also use	for Street Light			
		49 Detail	calculations	& % of saving.			
Sorial		15.0000	culculations	a /o or saving.			
Number	E	energy Conservation Mo	easures Saving %				
1		Street Light	5				
		50.Details	of pollution o	control Systems			
Source	Ex	xisting pollution contro	ol system	Proposed to be installed			
Boiler 1		0		Stack Height - 30 m With Flue gas Monitoring System			
Boiler 2		0		Stack Height - 30 m With Flue gas Monitoring System			
Process Vent Scrubber		0		Stack Height - 30 m With Chlorine Sensor			
Emergency Vent Scrubber	C V	0		SStack Height - 30 m With Chlorine Sensor			
Emergency Chlorine Scrubber		0	SStack Height - 20 m With Chlorine Sensor				
DG Set		0		Stack Height - 30 m			
Budgetary	allocation	Capital cost:	Rs 50 Lacs				
O&M o	cost and cost):	0 & M cost:	Rs 5 Lacs				
51	51.Environmental Management plan Budgetary Allocation						

a) Construction phase (with Break-up):



Serial Number	Att	ributes	Parameter		Total Cost per annum (Rs. In Lacs)							
1	Sai	nitation	Water Supply					20				
2	S	afety	Onsite Safety wit Work permit syste	th em	30							
b) Operation Phase (with Break-up):												
Serial Number	Con	nponent	Description	Description Capital cost Rs. In Lacs				Operational and Maintenance cost (Rs. in Lacs/yr)				
1	Aut	omation	SRV's, RD's, Interlo F&G detection syst	ocks tem		500			25			
2	Scr	rubbers	Process Vent, Emergency Vent a Chlorine Vent	ind		390			50			
3	WTP	and ETP	Water Treatmen Process	t		150			75			
4]	MEE	SWater Treatmen Process with calend	nt dria		200			100			
5	Fire a	and Safety	Fire Hydrant, Pump Stations	ping		900			50			
6	Gre	en Belt	Plantation	100				10				
7	Rain wate	er Harvestin	g Collection of Rai Water	10				1				
8	9	Solar	Street Light			25			2.5			
9		OHS	Occupation Health Safety measures	Safety measures 25				2.5				
10	Energy C	Comsumptior	Condensate recovery system	ery	*	25			2.5			
11	HW/SW	Managemen	t Handling and Dispo Facility	Handling and Disposal Facility					10			
12	Acousti	c Enclosure	Prevent Noise an Vibration	Prevent Noise and Vibration			25			2.5		
13	Envir Mor	onmental nitoring	Air, Water, Noise, Monitoring	Air, Water, Noise, Soil Monitoring		25			2.5			
14	Online	Monitoring	Stack and ETP Onl Monitoring	line		25			2.5			
51.S	torag	e of ch	emicals (inf	lan	nabl	e/expl	osiv	/haz	zardou	s/toxic		
			sub	sta	ance	es)		-				
	Â					Maximum Quantity						
Description		Status	Location	Sto Caj in	prage pacity MT	of Storage at any point of time in MT	Cons / Mo	umption onth in MT	Source of Supply	Means of transportation		
CN	G	Liquid	Gas Yard		20	20 15		116	Local Vendor	By Road in Tanker		
Chlor	rine	Anhydrous	Storage Yard		55	50		430	GACL. Gujrat	By Road in Tanker		
Caustic Lye Liquid			ETP		20	15	60		Local Vendor	By Road in Tanker		

2 - Ortheres			Signature:
Clope -			Name: Dr. Umakant Gångetreo Dangat
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90

75

500

Silicon Tetra Chloride

Liquid

Storage Yard

Local Vendor

ISO Tanker

Liquid Nitrogen	Liquid	Gas Yaro	d	20	15	60	Local Vendor	By Road in Tanker			
		52.A	ny Ot	her Info	rmation	1					
No Information Available											
53.Traffic Management											
	Nos. of t to the m design o confluer	the junction lain road & of nce:	2								
	Number and area of basement:										
	Number podia:	and area of	NA								
	Total Pa	rking area:	2274								
	Area per	r car:	NA								
	Area per	r car:	NA								
Parking details:	Number Wheeler approve compete authorit	of 2- s as d by ent sy:	10	10							
	Number Wheeler approve compete authorit	of 4- rs as d by ent ty:	10								
	Public T	'ransport:	3 Buses	s							
	Width or roads (n	f all Internal n):	6								
	CRZ/ RR obtain, i	Z clearance if any:	NA								
	Distance Protecte Criticall areas / H areas/ ir bounda	e from ed Areas / y Polluted Eco-sensitive nter-State cies	NA								
	Categor schedul Notifica	y as per e of EIA tion sheet	6 (b)								
	Court ca if any	ises pending	No								
	Other R Informa	elevant tions	No								
	Have yo submitte Applicat on MOE	u previously ed tion online F Website.	No								
	Date of online submission										
SEAC	DISC	USSION	ON	ENVIR	ONME	ENTAL A	SPECT	`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 6(b)B1 as per EIA Notification, 2006. PP presented draft TOR based on standard TOR issued by MoEF & CC published in April, 2015. PP proposes to store 50 Tons of chlorine on site.

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

ager o grand			Signature: Name: Dr. Umakant Gangetreo Dangat
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Based on the presentation made by PP; committee decided to approve the TOR for the preparation of EIA/EMP report as per standard TOR and additional TOR points mentioned below.

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

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

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

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.

Specific Conditions by SEAC:

PP to submit certificate of incorporation of the company, list of directors and memorandum of articles.
 PP to submit lay out plan showing internal roads with six meter width and nine meter turning radius, location of pollution control equipment, parking areas, 33% green belt with its dimensions, rain water harvesting structures

(locations with dimensions), storm water drain lines, along with index and area statement showing calculations for each area and cross sections of storm water drain and rain water harvesting pits etc.

3) PP to provide green belt as per OM issued by MoEF&CC dated 09.08.2018. The green belt of 5-10 m width shall be developed in more than 33% of the total project area, mainly along the plant periphery, in downward wind direction, and along road sides etc. Selection of plant species shall be as per the CPCB guidelines in consultation with the State Forest Department.

4) PP to carry out heat integration study and explore possibility to reuse heat generated in the process for other unit operations.

5) PP to submit storm water drain calculations considering the location of plot at the base of hillock, annual rain fall, contour of the area etc.

6) PP to carry out HAZOP and QRA and submit Disaster Management Plan. PP submit details of safety precautions proposed based on the results of HAZOP and Risk Assessment study.

7) PP to use new and renewable energy for the illumination of office building and street lights.

8) PP to submit their plan for handling an emergency in case of leakage of chlorine in view of evacuation time, training of the personnel, emergency response, medical assistance, rescue operations etc.

9) PP to conduct socio economic impact study and implementation plan along with time schedule based on outcome of the study.

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.



156th Meeting of State Level Expert Appraisal Committee (SEAC-1)

SEAC Meeting number: 156th Day-2 Meeting Date October 5, 2018

Subject: Environment Clearance for Environmental Clearance for the proposed capacity expansion by 300 MT/M of Ethoxylated Hydrophobes

Is a Violation Case: No					
1.Name of Project	Proposed capacity expansion by 300 MT/M of Ethoxylated Hydrophobes by Deepchand Chemicals Pvt. Ltd.				
2.Type of institution	Private				
3.Name of Project Proponent	Mr. P N Kanade ,Director				
4.Name of Consultant	Mahabal Enviro Engineers Pvt. Ltd.				
5.Type of project	Not applicable				
6.New project/expansion in existing project/modernization/diversification in existing project	Capacity Expansion				
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	No				
8.Location of the project	Plot no. E-12/13, MIDC Lote Parshuram				
9.Taluka	Khed				
10.Village	Khed				
Correspondence Name:	Mr. P N Kanade				
Room Number:	11/1				
Floor:					
Building Name:					
Road/Street Name:	Ambedkar Nagar				
Locality:	Sion				
City:	Mumbai				
11.Area of the project	MIDC,Lote Parshuram				
	Not applicable				
12.10D/10A/Concession/Plan Approval Number	IOD/IOA/Concession/Plan Approval Number: Not applicable				
**	Approved Built-up Area:				
13.Note on the initiated work (If applicable)	No expansion will be done without obtaining prior Environmental Clearance				
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	Not applicable				
15.Total Plot Area (sq. m.)	NA				
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				
	c) Total BUA area (sq. m.): 170				
	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: 05-09-2018				
19.Total ground coverage (m2)	Not applicable				
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	Not applicable				
21.Estimated cost of the project	5700000				

22.Number of buildings & its configuration



Serial number	Buildin	g Name & I	number	Nu	mber of floors		Height of the building (Mtrs)		
1	1	Not applicabl	e	1		Not applicable			
23.Number tenants an	Number of ants and shops NA								
24.Number expected rusers	r of esidents /	Not applica	ble						
25.Tenant density per hectare Not applicable									
26.Height building(s)	26.Height of the building(s)								
27.Right o (Width of t from the n station to t proposed h	f way the road earest fire the ouilding(s)	-					AZ		
28.Turning for easy ac fire tender movement around the excluding for the pla	y radius cess of from all building the width ntation	Not applica	Not applicable						
29.Existing structure (J s) if any	Not applica	ble						
30.Details demolition disposal (I applicable)	of the with f	Not applica	ble						
			31.P	roduct	ion Detail	ls			
Serial Number	Pro	duct	Existing	(MT/M)	Proposed (MT	ſ/ M)	Total (MT/M)		
1	Ethox Hydroj	ylated phobes		0	300		300		
2	Phenol Glyon 10 0						10		
		3	2.Tota	l Wate	r Require	ment			
	Si								



		Source of wa	ter	Not applicable								
		Fresh water	(CMD):	Not applicable								
		Recycled wat Flushing (CM	er - 1D):	Not applicable								
		Recycled wat Gardening (C	er - CMD):	Not applicable								
		Swimming po make up (Cu	ool m):	Not applicat	Not applicable							
Dry season:		Total Water Requirement :	: (CMD)	Not applical	ble							
		Fire fighting Underground tank(CMD):	- I water	Not applical	ble			.).				
		Fire fighting Overhead wa tank(CMD):	- ter	Not applical	ble							
		Excess treate	ed water	Not applicat	ole							
		Source of wa	ter	Not applical	ole							
		Fresh water	(CMD):	Not applical	ole							
		Recycled wat Flushing (CM	er - 1D):	Not applicable								
		Recycled wat Gardening (C	er - CMD):	Not applicat	ole							
		Swimming po make up (Cu	ool m):	Not applicat	ole							
Wet seaso	n:	Total Water Requirement :	: (CMD)	Not applicable								
		Fire fighting Underground tank(CMD):	- I water	Not applicable								
		Fire fighting Overhead wa tank(CMD):	ter	Not applicable								
		Excess treate	ed water	Not applicable								
Details of pool (If an	Swimming y)	Not applicable	<u>,</u>									
		33	.Detail	s of Tota	l water co	nsume	d					
Particula rs	Cons	umption (CM	D)	I	Loss (CMD)		Efi	luent (CMD)				
Water Require ment	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total			
Domestic	1	1	2	0.2	0	0.2	0.8	0	0.8			
Industrial Process	1.5	0.5	2	1.8	0	1.8	0.2	0	0.2			
Gardening	0.5	0	0.5	0	0	0	0	0	0			

	Level of the Ground water table:	3-4					
	Size and no of RWH tank(s) and Quantity:	1 No- 70KL					
	Location of the RWH tank(s):	Near EO storage tank					
34.Rain Water Harvesting	Quantity of recharge pits:	Not applicable					
(RWH)	Size of recharge pits :	Not applicable					
	Budgetary allocation (Capital cost) :	Rs. 4 Lakhs					
	Budgetary allocation (O & M cost) :	Rs. 1.2 Lakhs/annum					
	Details of UGT tanks if any :	62 m3					
	Natural water drainage pattern:	Along plot boundary					
drainage	Quantity of storm water:	0.05 m3/sec					
	Size of SWD:	500 mm x 500 mm					
	Sewage generation in KLD:	-					
	STP technology:	Septic tank and soak pit					
Sewage and	Capacity of STP (CMD):	Not applicable					
Waste water	Location & area of the STP:	Not applicable					
	Budgetary allocation (Capital cost):	Rs. 1 Lakh					
	Budgetary allocation (O & M cost):	Rs. 0.30 Lakh/annum					
	36.Soli	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:	1.5 kg/day					
	Wet waste:	1 kg/day					
Wasto gonoration	Hazardous waste:	Not applicable					
in the operation Phase:	Biomedical waste (If applicable):	Not applicable					
	STP Sludge (Dry sludge):	Not applicable					
	Others if any:	Not applicable					



		Dry w	vaste:		Will be handed over to the local body after segregation.						gation.		
		Wet w	vaste	:		Will be handed over to the local body after segregation.							
		Haza	rdous	wast	e:	Not applica	ble						
Mode of I of waste:	Biom appli	edica cable	l wast):	te (If	Not applica	ble							
STP Slud sludge):			Sludg je):	e (Dry	7	Not applicable							
		Other	rs if a	ny:		Not applica	ble						
Location(s):						Not applica	ble						
Area Area of w requirement: mate			for th ste & rial:	e sto othei	rage C	Not applicable							
		Area	for m	achin	ery:	Not applica	Not applicable						
Budgetary	allocation	Capit	al cos	st:		Not applica	ble						
O&M cost)	:	0 & N	A cos	t:		Not applica	ble						
				3	7.Ef	fluent C	hare	cter	estic	S			7
Serial Number	Paran	neters		Uı	nit	Inlet E Charect	ffluen eresti	it .cs	O Ch	utlet l larect	Efflue eresti	nt ics	Effluent discharge standards (MPCB)
1	CO	DD		mg	g/L	20	00			ess th	an 200)	250
2	BC	DD		mg	g/L	20	-25			10	00		100
3	Suspend	ed Soli	ds	mg	mg/L 1200					10	00		100
4	4 pH mg/L			g/L	5 -10 6-8				5.5-9				
Amount of effluent generation 0.2													
Capacity of the ETP: 0.8 m3/day				3/day									
Amount of treated effluent The treated				reated	l effluent is s	ent to	CETP	for fui	ther t	reatm	ent		
Amount of v	vater send to	o the C	ETP:	-									
Membershi	p of CETP (if	f requir	re):	CETP	mem	bership has l	been o	btaine	d				
Note on ET	P technology	to be	used	Equa treat	lizatio nent)	on and Physico + chemical Treatment (Primary) + Polishing (Tertiary)							
Disposal of	the ETP sluc	lge		The s	e sludge is disposed off through CHWTSDF								
				3	8.H a	zardous	Was	ste D	etai	ls		1	
Serial Number	Descr	iption		Ca	at	UOM	Exis	ting	Prop	osed	То	tal	Method of Disposal
1						-						-	-
	5			3	89.S	tacks em	issio	n De	etail	S			
Serial Number	Section	& uni	ts	Fu	ıel Us Qua	ed with ntity	Stacl	k No.	Hei fro gro level	ght om und (m)	Inte dian (r	rnal neter n)	Temp. of Exhaust Gases
1	Thermic fl	uid hea	ater		LI	00	1	L	7.5	m	0	.3	275 C
				4	0.De	tails of F	uel	to be	e use	ed			
Serial Number	Тур	e of F	uel			Existing			Prop	osed			Total
1		LDO				1 KL			41	(L			5KL
41.Source of	of Fuel				Throu	ugh local dea	ler						
Abhay Pimp SEAC-I)	oarkar (Secre	etary	SEA	C Mee	ting N O	o: 156th Day ctober 5, 201	-2 Mee 18	eting D	Date:	Pa	ge 69 of 99	Signat Name: Dr. U (Chai	wre: Dr. Umakant Gangetreo Dangat makant Dangat rman SEAC-I)

42.Mode of Transportation of fuel to site By road									
		Total RG a	rea :	660 m2	660 m2				
		No of trees	s to be cu	t Nil	Nil				
		Number of be planted	trees to	50 nos					
43.Green Belt Development		List of proposed native trees :		Cassia Fist Acacia Sen Citrus Lem Grewia Ten Dulce, Zizij Integrifolia Terminalia Dichotoma,	Cassia Fistula, Acacia Auriculiformis, Acacia Catechu, Acacia Nilotica, Acacia Senegal, Albizia Amara, Albizia Lebbeck, Azadirachta Indica, Citrus Lemon, Dalgerbia Sissoo, Erythrina Variegata, Gliricidia Sepium, Grewia Tenax, Hardwickia Binata, Leucaena Latisiliqua, Pithecellobium Dulce, Ziziphus Nummularia, Neolamarckia Cadamba, Holoptelea Integrifolia, Schlelchora Oleosa, Xylia Xylocarpa, Bombax Ceiba, Terminalia Elliptica, Terminalia Paniculata, Helicteres Isora, Cordia Dichotoma, Macaranga P				
	Timeline for completion plantation	or 1 of :	With compl	pansions construction phase					
	44.Nu	mber and	l list of	trees spe	cies to be plante	d in the ground			
Serial Number	Name of	ame of the plant Commo		ion Name	Quantity	Characteristics & ecological importance			
1	Cassia	a Fistula Bah		ahava	2	Medicinal use, most importantly used in the Indian Pharmaceutical codex.			
2	Acacia Aur	Acacia Auriculiformis Kac		adamb	2	Used for fuel wood, charcoal is known for less smoke & spark, wood is used for making pulp.			
3	3 Acacia Catechu		6	Chair	1	The heart wood and bark of the tree are used in traditional medicine for sore throats and diarrhea. It is also used for its actions like anti-dyslipidemia, anthelminthic, anti-inflammatory, anti-diuretic, anti-pruritic, coolant, taste promoting, enhancing digestion and curing skin disorders.			
4	Acacia	Acacia Nilotica Ba		Babul	1	These trees are best fed dry as a supplement. In the present commercial market, gum arabic is defined as the dried exudate from the trunk of these trees.			
5	Acacia	Senegal]	Khair	3	The tree parts are used as a food additive, in crafts, and as a cosmetic. The gum is drained from cuts in the bark. New foliage is very useful as forage.			
6	Albizia Lebbeck Si		Siris	2	Its uses include environmental management, forage, medicine and wood. In India the tree is used to produce timber. Even where it is not native, some indigenous herbivores are liable to utilize lebbeck as a food resource.				



7	Azadirachta Indica	Neem	4	This tree's ,leaves, wood and seeds are used by Ayurvedic practitioners for Anthelmintic, antifungal, anti diabetic, antibacterial, antiviral, contraceptive, and sedative. Seeds are ground into a powder that is soaked overnight in water and sprayed onto the crop.
8	Citrus Lemon	Lemon	2	In this fruit vitamin C is high, which prevents scurvy. Citrus fruit intake is associated with a reduced risk of stomach cancer. Lemon have the highest concentration of citrate of any citrus fruit.
9	Dalgerbia Sissoo	Shisham	1	Shisham is best known economic timber and fuel also use to musical instruments, it is used for plywood, agricultural tools, flooring.
10	Erythrina Variegata	Panghara	2	Variegata is valued as an ornamental tree. Erythrina variegata is known as dap dap in the Philippines where its bark and leaves are used in medicine.
11	Hardwickia Binata	Kamara		The bark of the tree is used for making ropes and wood is used for making agricultural equipment.
12	Pithecellobium Dulce	Vialayti chincha	2	The bark and pulp are astringent and homeostatic and use the pulp and bark against gum ailments, toothache and haemorrhages in general. A bark extract is also used against dysentery, chronic diarrhoea and tuberculosis. An extract of the leaves is used for gall ailments and to prevent miscarriage. The ground seed is used to clean ulcers.
13	Ziziphus Nummularia	Bor	2	The fruit are edible. Dried fruit used medicinally as astringent inbilious affliction in India. The leaves are used to treat scabies and other skin diseases.
14	Butea Monosperma	Palash	2	Use of this tree is as a host of a lac insect for production of Rangini lac. The leaves are lobed for fodder for buffalo and are used for making leaf plates and cups and beedi wrapping. The oil is comparable to groundnut oil or sesame oil for use in soap industry.
15	Schlelchora Oleosa	Kusum	2	Leaves are edible. Oil obtained from the seed, called Macassar oil. Powdered seeds are applied to wounds and ulcers of cattle to remove maggots. The bark contains about 10% tannin and the analgesic compound lupeol.



16	Xylia Xylocarpa	Jamba	2	A decoction is used to rid the body of worms, It is also used in the treatment of leprosy, vomiting, diarrhea, gonorrhea and ulcers, The oil from the seeds is used in the treatment of rheumatism, piles and leprosy, The bark and wood are a source of tannins.
17	Bombax Ceiba	Sawar	1	It is used widely in the match industry, cheap light plywood for tea chests, fruit crates, packing cases, toys. And medical use in tonic, alterative, styptic and demulcent. It is used in dysentery, haemolypsis of pulmonary tuberculosis, influenza etc.
18	Terminalia Elliptica	Ain	1	The wood is used for furniture, cabinetwork, joinery, paneling, specialty items, boat-building, railroad cross-ties (treated), and decorative veneers. The bark and especially the fruit yield pyrogallol and catechol to dye and tan leather. It is also thought to have curative value for stomach pain
19	Derris Indica	Karanj		It is often used for landscaping purposes as a windbreak or for shade due to the large canopy and showy fragrant flowers. The flowers are used by gardeners as compost for plants requiring rich nutrients. Oil and residue of the plant are toxic and will induce nausea and vomiting if ingested, the fruits and sprouts, along with the seeds, are used in many traditional remedies.
20	Mangifera indica	Mango	4	Most cultivated tree of tropical world grows up to 35-40 m, with crown radius of 10 m. Leaves are long, green, alternate and tree fruits in summer.
21	Cocos nucifera	Coconut	4	Large palm, growing up to 30 m, with pinnate leaves 4-6 meters long, and pinnae 60-90 cm long. It is Kalpa Vriksham of India
22	Syzygium cumini	Jambhul	1	An evergreen tropical tree, grows up to 30 m. The flowers are fragrant and small. It produces oblong fruits in May or June. Seeds are used in Ayurveda
23	Tamarindus indica	Chinch	2	Long-lived, medium size, bushy tree, which attains a maximum crown height of 12.1 to 18.3 m. Leaves are evergreen, bright green , elliptical ovular, arrangement is alternate, of the pinnately compound type


24	Ficus benghalensis		V	ad	2		Large, sacred, and extensive growing tree of the Indian subcontinent. It produces propagating roots which grow downwards as aerial roots	
25	Saraca asoca Ash		hok	nok 2		Small erect green tree with beautiful foliage and green flowers. Plays an important role in culture and tradition of India.		
45	.Total qua	ntity of plants	on grou	nd				
46.Num	nber and	list of shr	ıbs an	d bushes	s species	to be pla	anted in the podium RG:	
Serial Number		Name		C/C Dista	nce		Area m2	
1		-		-			-	
				47.Eı	nergy			
		Source of pov supply :	ver	MSEDCL				
		During Construction Phase: (Demand Load)		Not applica	Not applicable			
		DG set as Power back-up during construction phase		Not applicable				
		During Operation phase (Connected load):		19 KW				
require	ement:	During Operation phase (Demand load):		19 KW				
		Transformer:		-				
		DG set as Power back-up during operation phase:		1x 40 kVA				
		Fuel used:		LDO				
		Details of high tension line passing through the plot if any:		Not applicable				
		48.Energ	y savi	ng by no	n-conver	ntional m	nethod:	
Solar Street	t lighting in	landscape						
	5	49.]	Detail	calculati	ons & %	of savin	g:	
Serial Number	Е	nergy Conserv	ation M	easures			Saving %	
1							-	
		50.D	etails	of pollut	ion cont	rol Syste	ms	
Source	Ex	isting pollutio	n contro	ol system	l system Proposed to be installed			
-							-	
Budgetary (Capital	allocation	Capital cost:		-				
O&M	cost):	0 & M cost:		-				

2-00 marss			Signature:
CC69			Name: Dr. Umakant Gangetrao Dangat
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51	51.Environmental Management plan Budgetary Allocation										
a) Construction phase (with Break-up):											
Serial Number	Att	ributes	Parameter		Total Cost per annum (Rs. In Lacs)						
1		-	-			-					
			b) Operation Pl	hase (w	ith Brea	k-up):					
Serial Number	Com	ponent	Description	Car	oital cost Re Lacs	a. In Opera	Operational and Maintenance cost (Rs. in Lacs/yr)				
1	Air I	Pollution	Air Pollution Cont	rol	0.5		0.25				
2	Water	Pollution	Water Pollution Control		1.0		0.30				
3	Envi Monit Man	ronment oring And agement	Air, Water, Noise, S sampling & testin	Soil ng	0		0				
4	Occupat	ional Health	Routine Health checkup for worke	er's	0.25		0.5				
5	Gre	en Belt	Green belt development, tre plantation	e			0.20				
6	Soli	d waste	Solid waste management		0.25		0.25				
7 Noise Pollution		Noise Pollution Control				-					
51.S	torag	e of ch	emicals (infl	lamab	le/expl	osive/ha	zardou	s/toxic			
			sub	stanc	es)						
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			
EC)		NE	4.5	4.5	30	Relience industrial limited	By Road			
Fatty al	cohols		SW	8.5	8.5	25	Local dealer	By Road			
Fatty a	mines	-	SE	8	8	60; proposed: 25	Local dealer	By Road			
Phos. Per	Phos. Pentoxide -		SE	5	5	3	Local dealer	By Road			
Fatty	oils	-	SE	20	100	50: proposed: 50	Local dealer	By Road			
Caustic soc	da/potash	-	SE	500 kg	1	1: proposed: 1	Local dealer	By Road			
Acetic	acid	-	SE	1	1	1	Local dealer	By Road			
PEG/I	DEG	-	SE	2	2	2	Local dealer	By Road			
Hydrogen	peroxide	-	SE	300 kg	300 kg	300 kg	Local dealer	By Road			

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Alkyl phenols	-	SE		20	20	5	Local dealer	By Road			
		52.A	ny Ot	her Info	rmation	l					
No Information Availab	ole										
		53.	Traffi	c Manag	gement						
	the junction ain road & of ace:	-									
	Number basemer	and area of nt:	Not ap	plicable							
	Number podia:	and area of	Not Ap	plicable							
	Total Pa	rking area:	240 m2	2							
	Area per	r car:	NA								
	Area per	r car:	NA			C					
Parking details:	Number Wheeler approve compete authorit	of 2- rs as d by ent y:	NA	NA							
	Number of 4- Wheelers as approved by competent authority:		NA								
	Public T	ransport:	-								
	Width of roads (n	f all Internal n):									
	CRZ/ RR obtain, i	Z clearance if any:	NA								
	Distance Protecte Criticall areas / H areas/ in boundar	e from ed Areas / y Polluted Eco-sensitive iter-State ies	NA								
	Categor schedule Notifica	y as per e of EIA tion sheet	5 F								
	Court ca if any	ises pending	NA								
	Other Ro Informa	elevant tions	NA								
	Have you submitte Applicat on MOE	u previously ed ion online F Website.	YYes								
	Date of submiss	online ion	01-09-2	2018							
SEAC	DISC	USSION	ON	ENVIR	ONME	ENTAL A	SPECT	S			



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

Brief information of the project by SEAC

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

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

DECISION OF SEAC

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

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

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

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

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.

Specific Conditions by SEAC:

PP to submit certificate of incorporation of the company, list of directors and memorandum of articles.
 PP to submit lay out plan showing internal roads with six meter width and nine meter turning radius, location of pollution control equipment, parking areas, 33% green belt with its dimensions, rain water harvesting structures (locations with dimensions), storm water drain lines, along with index and area statement showing calculations for each area and cross sections of storm water drain and rain water harvesting pits etc.

3) PP to provide green belt as per OM issued by MoEF&CC dated 09.08.2018. The green belt of 5-10 m width shall be developed in more than 33% of the total project area, mainly along the plant periphery, in downward wind direction, and along road sides etc. Selection of plant species shall be as per the CPCB guidelines in consultation with the State Forest Department.

4) PP to submit a technical report on how the proposed expansion with respect to the production quantity will be accommodated in the existing facility along with structural stability certificate of existing buildings/structures on the site.
5) PP to carry out life cycle analysis of the activities carried out on site with respect to the sustainability index, green house and ozone depletion potential etc

6) PP to 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 include detailed water balance calculations along with design of effluent treatment plant.

8) PP to carry out HAZOP and QRA and submit Disaster Management Plan.

9) PP to submit hazardous chemical handling protocol

10) PP to provide lightening arrestor.

 $\label{eq:product} \textbf{11} \textbf{)} \ \textbf{PP} \ \textbf{to} \ \textbf{conduct} \ \textbf{socio} \ \textbf{economic} \ \textbf{impact} \ \textbf{study}.$

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.



156th Meeting of State Level Expert Appraisal Committee (SEAC-1)

SEAC Meeting number: 156th Day-2 Meeting Date October 5, 2018

 $\label{eq:subject: Environment Clearance for Grant of Violation ToR's for Expansion of grain based distillery from 30 KLPD to 58 KLPD (expansion by 28 KLPD.)$

Is a Violation Case: Yes							
1.Name of Project	M/s. Viraj Alcohols & Allied Industries Ltd.,						
2.Type of institution	Private						
3.Name of Project Proponent	Mr. Mansing Fattesingrao Naik (Chairman)						
4.Name of Consultant	Equinox Environments (India) Pvt. Ltd., Kolhapur						
5.Type of project	Industry						
6.New project/expansion in existing project/modernization/diversification in existing project	Expansion of grain based distillery from 30 KLPD to 58 KLPD (expansion by 28 KLPD.) Application for ToR's						
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	Yes, Environmental Clearance granted by MoEF vide letter no. – J-11011/185/2006–IA II (I) Dated 25 September, 2006						
8.Location of the project	Gat No. 511						
9.Taluka	Shirala						
10.Village	Kapari						
Correspondence Name:	Yuvraj B. Gaikwad (General Manager)						
Room Number:							
Floor:	-						
Building Name:	Viraj Alcohols & Allied Industries Ltd.						
Road/Street Name:	A/pKapari						
Locality:	Tal.: Shirala						
City:	Sangli						
11.Area of the project	NA						
12 IOD/IOA/Companyion/Diam	NA						
Approval Number	IOD/IOA/Concession/Plan Approval Number: NA						
	Approved Built-up Area: 13088.77						
13.Note on the initiated work (If applicable)	One additional silo, additional 7 distillation columns and higher capacity boiler installation has been done on site.						
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)							
15.Total Plot Area (sq. m.)	44515.9						
16.Deductions	NA						
17.Net Plot area	44515.9 Sq. M.						
	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.):						
	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: 01-01-1900						
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	120600000						
	har of building of the configuration						

22.Number of buildings & its configuration

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Serial number	Buildir	ig Name & i	number	Nu	umber of floors	Height of the building (Mtrs)				
1	1	ot applicable Not applicable Not applicable								
23.Numbe tenants an	r of d shops	NA								
24.Numbe expected r users	r of esidents /	NA	NA							
25.Tenant per hectar	density e	NA								
26.Height building(s	of the)									
27.Right o (Width of f from the n station to proposed l	f way the road earest fire the puilding(s)	NA	NA							
28.Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation		Not applica	Not applicable							
29.Existing	g (s) if any	Not applica	Not applicable							
30.Details of the demolition with disposal (If applicable)		NA								
			31. P	roduct	tion Details					
Serial Number	Pro	duct	Existing	(MT/M)	Proposed (MT/M)	Total (MT/M)				
1	Rectified	Spirit (RS)	900 3	KL/M	840 KL/M	1740 KL/M				
2	Eth	anol	802 1	KL/M	749 KL/M	1551 KL/M				
3	Extra Neutral Alcohol (ENA)		812 KL/M		758 KL/M	1570 KL/M				
4	Elect	ricity	-	-	1 MW	1 MW				
5	CO2	Gas	660 1	MT/M	616 MT/M	1276 MT/M				
6	DW	/GS	2220	MT/M	2070 MT/M	4290 MT/M				
7	DE	GS	390 1	MT/M	360 MT/M	750 MT/M				
	2	3	2.Tota	l Wate	r Requiremen	nt				



		Source of water		Warna River						
		Fresh water	(CMD):	323						
		Recycled wat Flushing (CM	er - ID):	725 (In proc	ess & utilities;	not for fl	ushing)			
		Recycled wat Gardening (C	er - CMD):	NA						
Dry season:		Swimming po make up (Cu	ool m):	NA						
		Total Water Requirement :	: (CMD)	1048						
		Fire fighting Underground tank(CMD):	- I water	NA				.) .		
		Fire fighting Overhead wa tank(CMD):	- ter	NA						
		Excess treate	ed water	NA						
		Source of wa	ter	Warna River						
		Fresh water	(CMD):	288						
		Recycled wat Flushing (CM	er - ID):	760 (In process & utilities; not for flushing)						
		Recycled wat Gardening (C	er - CMD):	NA						
		Swimming po make up (Cu	ool m):	NA						
Wet seaso	n:	Total Water Requirement (CMD) :		1048						
		Fire fighting - Underground water tank(CMD):		NA						
		Fire fighting Overhead wa tank(CMD):	ter	NA						
		Excess treate	d water	NA						
Details of pool (If an	Swimming y)	Not applicable	<u>)</u>							
		33	.Detail	s of Total	l water co	nsume	d			
Particula rs	Cons	umption (CM	D)	I	Loss (CMD)		Eff	luent (CMD)		
Water Require ment	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total	
Domestic	18	0	18	2.5	0	2.5	15.5	0	15.5	
Industrial Process	298	281	579	34	32	66	264	249	513	
Cooling tower & thermopa ck	257	194	451	237	184	421	20	10	30	

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	Level of the Ground water table:	Planning of RWH is done. Implementation on site is under process					
	Size and no of RWH tank(s) and Quantity:	Planning of RWH is done. Implementation on site is under process					
	Location of the RWH tank(s):	Planning of RWH is done. Implementation on site is under process					
34.Rain Water Harvesting	Quantity of recharge pits:	Planning of RWH is done. Implementation on site is under process					
(RWH)	Size of recharge pits :	Planning of RWH is done. Implementation on site is under process					
	Budgetary allocation (Capital cost) :	Rs. 10 Lakhs					
	Budgetary allocation (0 & M cost) :	Rs. 1 Lakhs					
	Details of UGT tanks if any :	NA					
	Natural water drainage pattern:	NA					
35.Storm water drainage	Quantity of storm water:	NA					
	Size of SWD:	NA					
	Sewage generation in KLD:	15.5 CMD. Same will be treat in proposed STP.					
	STP technology:	Activated Sludge Process (ASP)					
Sewage and	Capacity of STP (CMD):	20 CMD					
Waste water	Location & area of the STP:	Towards south direction of plot					
	Budgetary allocation (Capital cost):	Rs. 15 lakhs					
	Budgetary allocation (O & M cost):	Rs. 0.25 Lakhs					
	36.Soli	d waste Management					
Waste generation in	Waste generation:	NA					
the Pre Construction and Construction phase:	Disposal of the construction waste debris:	NA					
	Dry waste:	Existing Bagasse Ash - 1.5 MT/D, Proposed bagasse/ biomass ash - 1.1 MT/D OR Coal Ash - 3.5 MT/D					
	Wet waste:	NA					
Waste generation	Hazardous waste:	Distillation residue - (Cat. 20.3) and ETP Sludge (Cat 34.2) - 0.0048 MT/D					
Phase:	Biomedical waste (If applicable):	NA					
	STP Sludge (Dry sludge):	0.002 MT/D					
	Others if any:	NA					

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Dry waste:			Bagasse Ash- Used as Manure. Coal Ash-Supplied to Brick manufactur									
		Wet waste	:	NA								
Mode of i	Disnosal	Hazardous	Hazardous waste:		Distillation Residue and ETP Sludge -Used as Manure as a soil conditioner.							
of waste: Biomedica applicable		l waste (If):	NA									
		STP Sludg sludge):	e (Dry	Used as ma	nnure							
		Others if a	ny:	NA								
		Location(s):	NA								
Area requirem	ent:	Area for th of waste & material:	e storage other	Within indu	strial premis	ses (5 Sq. M.)	0				
		Area for m	achinery:	NA				N.V				
Budgetary	allocation	Capital cos	st:	Rs. 35 Lakh	IS							
(Capital co O&M cost)	st and	O & M cos	t:	Rs. 1 Lakhs	;							
			37.Ef	fluent C	harecter	estics						
Serial Number	Paran	neters	Unit	Inlet E Charect	affluent terestics	Outlet Charect	Effluent terestics	Effluent discharge standards (MPCB)				
1	р	Н		4.	30	6.	92					
2	Suspended	Solids (SS)	mg / lit	83	.00	52	.00	100				
3	Total Disso (TI	olved Solids OS)	mg / lit	767.00		540.00		2100				
4	Chemica Demane	l Oxygen d (COD)	mg / lit	2037.60		90.60		250				
5	Biochemic Deman	cal Oxygen d (BOD)	mg / lit	831		32	.30	100				
Amount of e (CMD):	effluent gene	eration	41 CMD	41 CMD								
Capacity of	the ETP:		72 CMD	2 CMD								
Amount of t recycled :	reated efflue	ent	35 CMD	35 CMD								
Amount of v	water send to	o the CETP:	NA									
Membershi	p of CETP (if	f require):	NA									
Note on ET	P technology	to be used	Primary, Se	ary, Secondary and Tertiary treatment, ASP								
Disposal of	the ETP sluc	lge	Used as Ma	s Manure as a soil conditioner								
			38.H a	zardous	Waste D	etails	1					
Serial Number	Descr	iption	Cat	UOM	Existing	Proposed	Total	Method of Disposal				
1	Distillatio and ETF	n Residue 9 Sludge	Cat.20.3 and Cat. 34.2	Kg/D	2.5	2.3	4.8	Used as Manure as a soil conditioner.				
			39.St	acks em	ission D	etails						
Serial Number	Section	ection & units Fuel Us Quar		ed with ntity Stack No.		Height from ground level (m)	Internal diameter (m)	Temp. of Exhaust Gases				

agent averes			Signature: Name: Dr. Umakant Gaugetrao Dangat
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1	Во	iler	Bag or C Ca	asse (1 oal (70 ashew MT	.30 MTPD)) MTPD) or cake (70 PD)	1	Existing 33 M, After expansion 40 M	1.8	125°C		
			4	0.De	tails of F	uel to b	e used		•		
Serial Number	Тур	oe of Fuel			Existing		Proposed		Total		
1	Baga	sse (MTPD)			75		55		130		
2	Соа	al (MTPD)					70		70		
3	Cashew	r cake (MTPI	D)				70		70		
41.Source of	of Fuel			Baga	sse – nearby	sugar facto	ries, Coal – ai	uthorized co	al supplier		
42.Mode of	Transportat	tion of fuel to	site	By ro	ad						
		Total RG a	rea :		14,700 Sq. 2	М.					
		No of trees	s to b	e cut	NA				Y		
43.Gree	n Belt	Number of be planted	f trees	s to	200						
Develop	Development List of propos native trees :		posed s :	Chinch, Vad, Pimpal, Silver Oak, Karanj, Saptaparni, Ashok, Umbar, rain tree							
		Timeline for completion plantation	or 1 of :		Already 33% of green belt is developed on site. under expansion of distiller existing green belt will be segmented.						
	44.Nu	mber and	l lis	t of t	rees spe	cies to b	e planted	l in the	ground		
Serial Number	Name of	the plant	C	ommo	n Name	Qua	ntity	Charact	eristics & ecological importance		
1	Samane	o samon		Rain tree		:	20		Evergreen		
2	Deloni	x regia		Gulmohor			15	Evergreen			
3	Millettia	a pinnata		Kai	ranj	20		Evergreen			
4	Alstonia	scholaris		Sapta	iparni	10			Evergreen		
5	Anthoc chm	ephalus ensis		Kad	amb 2		25		Deciduous		
6	Tomorind	lus indica.		Chi	nch		12	Deciduous			
7	Polyalthia	longifolia		Asl	nok		5	Evergreen			
8	Ficus r	eligiose		Pin	ıpal		10		Evergreen		
9	Ficus ber	nghalensis		Vä	ad		5	Evergreen			
10	Ficus gl	omerate		Um	bar		20		Deciduous		
45	5.Total qua	ntity of plan	nts on	grou	nd						
46.Nun	ıber and	list of sl	nrub	s an	d bushes	s species	s to be pla	anted in	the podium RG:		
Serial Number	Name				C/C Distance		Area m2				
		ivanie						NA			
1		NA			NA			N	IA		



		-							
		Source of p supply :	power	Own turbin	e & ge	nerator (1 MW)			
		During Co Phase: (De Load)	nstruction emand	NIL					
		DG set as i back-up du constructi	Power uring on phase	NIL					
Dou		During Op phase (Cor load):	eration nnected	NIL					
requir	ement:	During Op phase (Der load):	eration mand	1MW					
		Transform	er:	NA					
		DG set as back-up du operation	Power uring phase:	Existing 16	0 KVA	& proposed 320 K	VA		
		Fuel used:		HSD					
		Details of tension lin through th any:	high 1e passing 1e plot if	NA	NA				
		48.Ene	ergy savi	ng by no	n-co	nventional m	ethod:		
NIL									
		4	9.Detail	calculati	ons	& % of saving	g:		
Serial Number	E	Energy Cons	ervation M	easures	Y.		Saving %		
1			NA	NA					
	-	50	.Details	of polluti	ion c	control Syste	ms		
Source	Ех	isting pollu	tion contro	l system Proposed to be inst			posed to be installed		
Boiler	Mechanio f	cal Dust Colle ilter with 33	ector (MDC) M height of	followed by bag MDC followed by bag filters along with 40 M height of stack					
Budgetary	allocation	Capital co	st:	NA					
(Capital O&M	cost and cost):	O & M cos	t:	NA					
51	.Envir	onment	tal Mar	nageme	ent j	plan Budg	etary Allocation		
		a)	Construe	ction pha	nse (v	with Break-u	p):		
Serial Number	Attri	butes	Parai	meter		Total Cost p	eer annum (Rs. In Lacs)		
1	Ν	JA	N	A			NA		
		b) Operat	ion Phas	e (w	ith Break-up):		
Serial Number	Comp	oonent	Descr	iption	Сар	ital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)		
1	APC Eq	APC Equipment Bag Filt stack he online s		to 20 TPH increasing ht so as to M stack, onitoring tem.		56	1		

approvers?			Signature:
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2	Installa	tion of STP	Installation of S	STP		15		0.25		
3		ETP	ETP		60			1.5		
4	Noise Co	Pollution ontrol	Noise Pollutio Control	Noise Pollution Control		10		0.50		
5	Occupatio S	onal Health & afety	Occupational Hea Safety	lth &		5		0.50)	
6	Envir Moni Mana	onmental toring & agement	Environmenta Monitoring & Management	al z		5		10		
7	Solid Was –As Trans	stes Disposal h Silos, portation	Solid Wastes Disj –Ash Silos, Transportatio	posal n		35		1		
8	Gre Augment Rain Wate impler	en Belt ation Plan & er Harvesting nentation.	Green Belt Augmentation Pla Rain Water Harve implementatio	elt 1 Plan & 25 arvesting 25		25		1.25		
9	CSR amo years afte	ount (for 2.5 er expansion)	CSR amount (for years after expan	r 2.5 sion)		42.5	C	-		
51.S	torag	e of che	emicals (inf su	flan bsta	nabl ance	e/explo es)	osive/ha	zardou	s/toxic	
Descri	Description Status		Location Ca		orage pacity 1 MT	Maximum Quantity of Storage at any point of time in MT	Consumption / Month in MT	Source of Supply	Means of transportation	
NA	ł	NA	NA		NA	NA	NA	NA	NA	
			52.Any 0	the	r Info	rmation	l			
No Informa	tion Availa	ble								
53.Traffic Management										
	Nos. of the junction to the main road & design of confluence:									
	S		÷							



	Number and area of basement:	NA
	Number and area of podia:	NA
	Total Parking area:	NA
	Area per car:	NA
	Area per car:	NA
Parking details:	Number of 2- Wheelers as approved by competent authority:	NA
	Number of 4- Wheelers as approved by competent authority:	NA
	Public Transport:	NA
	Width of all Internal roads (m):	NA
	CRZ/ RRZ clearance obtain, if any:	NA
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	NA
	Category as per schedule of EIA Notification sheet	В
	Court cases pending if any	NIL
	Other Relevant Informations	ToR's granted by SEAC-1 in 124th meeting dt. 30.03.2016. SEAC-1 committee visited to site on 26.04.2016. Site visit report was discussed in 126th SEAC-1 meeting. In 127th SEAC-1 meeting violation noticed. Compliance done by industry and submitted to DoE, Maharashtra time to time. Subsequently, EIA done & Public Hearing conducted.
	Have you previously submitted Application online on MOEF Website.	No
C	Date of online submission	-
SEAC	DISCUSSION	ON ENVIRONMENTAL ASPECTS
Environmental Impacts of the project	Not Applicable	
Water Budget	Not Applicable	
Waste Water Treatment	Not Applicable	
Drainage pattern of the project	Not Applicable	

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 has obtained earlier EC vide No. J-11011/185/2006-IA-II(I) dated 25.09.2006 from MoEF&CC. PP has obtained certified compliance report from the Regional Office of MoEF&CC, Nagpur vide No. 5-87/2006 (ENV) 3915 dated 05.07.2018.

PP applied for the expansion of the project to SEAC-1 and was considered by SEAC in their 124th meeting held on 30th to 31st March, 2016 where in ToR was granted to the PP for the preparation of EIA/EMP Reprot.

A site visit was conducted by the SEAC-1 on 26.04.2016 where in it was observed that, PP has violated few conditions stipulated in the environment clearance. The site visit reprot was discussed by the SEAC in their 126th meeting held on 29th and 30th April, 2016. From then the proposal was pending.

PP submitted application under violation category as per Notification issued by MoEF&CC dated 08.03.2018.

PP presented the proposal for ToR as per standard ToR issued by MoEF&CC in April 2015 and Notification issued on 08.03.2018.

DECISION OF SEAC

agger o mars			Signature:
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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 for the preparation of EIA/EMP report and remediation plan as mentioned in the EIA Notification 2006 and amended on 08.03.2018 etc.

PP to collect base line data as per Office Memorandum issued by MoEF&CC dated 27.08.2017. PP to collect one month data of current time for comparision.

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

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

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.

Public Consultation to be carried out as per procedure stipulated in the EIA Notification, 2006.

PP to refer to the Office Memorandum issued by MoEF&CC dated 19.08.2018 with respect to the standard conditions to be stipulated in the Environment Clearance letter for the projects falling under category 5(f) to identify the impact of operations on the environment attributes and implement appropriate mitigation measures to reduce the impact.

PP to identify all such activities on site which have impacted on the various verticals of the environment like Water, Air, Soil and Noise etc and compare it with the standard parameters to assess the damage as referred in the Notification dated 08.03.2018.

Specific Conditions by SEAC:

2) PP to submit lay out plan showing internal roads with six meter width and nine meter turning radius, location of pollution control equipment, parking areas, 33% green belt with its dimensions, rain water harvesting structures (locations with dimensions), storm water drain lines, along with index and area statement showing calculations for each area and cross sections of storm water drain and rain water harvesting pits etc.
3) PP to provide green belt as per OM issued by MOEF&CC dated 09.08.2018. The green belt of 5-10 m width shall be developed in more than 33% of the total project area, mainly along the plant periphery, in downward wind direction, and along road sides etc. Selection of plant species shall be as per the CPCB guidelines in consultation with the State Forest Department."

4) PP to submit permission and copy of agreement made with irrigation department for the lifting of water from river Morna.

5) PP to submit project site details (location, top 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 details of Forest and Wild Life eco- sensitive zones if any in the study area and within the range of 5 km.

7) Land use of the study area delineating forest area, agricultural land, grazing land, wild life sanctuary, national parks, migratory routes of fauna, water bodies, human settlement and other ecological features to be indicated in the report.

8) 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.)
9) 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.

10) 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.

11) 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.

12) PP to carry out Risk Assessment and submit Disaster Management Plan.

13) PP to provide new and renewable energy sources for the illumination of the office building and street lights.

14) PP to include a technical note on the use of food grains for the manufacturing of alcohol in view of food security issues.15) PP to submit point wise compliance status of the conditions stipulated in the earlier environment clearance, consent letters etc.

FINAL RECOMMENDATION



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¹⁾ PP to submit certificate of incorporation of the company, list of directors and memorandum of articles.

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.

SHACHERNDARDONALLA



156th Meetin	g of State I	Level Expert Appraisal	Committe	ee (SEAC-1)						
SEAC Meeting number: 156th Day-2 Meeting Date October 5, 2018										
Subject: Environment Clearance for Environment Clearance for proposed industrial project										
Is a Violation Case: No										
1.Name of Project	Proposed Sv	nthetic Organic Chemical Plant								
2.Type of institution	Private	Private								
3.Name of Project Proponent	M/s.Omesa I	M/s.Omesa Drugs And Chemicals Private Ltd.								
4.Name of Consultant	Green Circle	Green Circle Inc.								
5.Type of project	Industrial Pr	Industrial Project								
6.New project/expansion in existing project/modernization/diversificati in existing project	g on New project	New project								
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	NA	NA								
8.Location of the project	Plot.No.D-7,	Mahad Industrial Area,								
9.Taluka	Mahad									
10.Village	Birwadi									
Correspondence Name:	Dr. Sanjay S	uresh Sawant								
Room Number:	Flat.No.C-10	2,								
Floor:	1st Floor,									
Building Name:	Ganesh Nab	hangan, Sr.No.18/19,								
Road/Street Name:	B-20, Raikar	nagar, Sinhagad Road,								
Locality:	Dhayari,									
City:	Pune-411041									
11.Area of the project	MIDC									
10 100/104/0	NA	NA								
Approval Number	IOD/IOA/Co	IOD/IOA/Concession/Plan Approval Number: NA								
	Approved B	uilt-up Area:								
13.Note on the initiated work (If applicable)	NA	×*								
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	Approval fro	m Executive Engineer MIDC, Mahao	1.							
15.Total Plot Area (sq. m.)	1500 m2									
16.Deductions										
17.Net Plot area	1500 m2									
19 (a) Proposed Built up Area (FSI	a) FSI area	(sq. m.): NA								
Non-FSI)	b) Non FSI	area (sq. m.): NA								
	c) Total BU	c) Total BUA area (sq. m.): 488.50								
18 (b) Approved Built up area as p	Approved F	SI area (sq. m.):								
DCR	Approved N	on FSI area (sq. m.):								
	Date of App	proval:								
19.Total ground coverage (m2)	280 m2									
20.Ground-coverage Percentage (% (Note: Percentage of plot not open to sky)) 18.67%									
21.Estimated cost of the project	12600000.0									
22.Nui	nber of I	buildings & its co	onfigura	ation						
Serial number Building Name	& number	Number of floors	Hei	ght of the building (Mtrs)						
ager or these				Signature:						

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1		Building 1			G + 1	10							
23.Number tenants an	r of d shops	NA	Α										
24.Number expected r users	r of esidents /	Workers: 20	orkers: 20, Staff: 4.										
25.Tenant per hectar	density e	NA											
26.Height building(s	of the)												
27.Right o (Width of t from the n station to proposed l	f way the road earest fire the ouilding(s)	25 m	5 m										
28.Turning for easy ac fire tender movement around the excluding for the pla	g radius ccess of from all e building the width ntation	Min 7 m	n 7 m										
29.Existing	g (s) if any	NA											
30.Details demolition disposal (I applicable	of the with f)	NA	NA										
			31.P	roduct	ion Details								
Serial Number	Pro	duct	Existing	(MT/M)	Proposed (MT/M)	Total (MT/M)							
1	FINE CH	EMICALS											
2	Fendizo	pic Acid	(0.5	0.5							
3	1-Hydroxyb	enotriazole			2.0	2.0							
4	tert-l Hydrog	Butyl ſuinone	C)	1.0	1.0							
5	Butylated Anis	l Hydroxy sole	C)	0.5	0.5							
6	L-Ascorbyl-	6-palmitate	()	0.5	0.5							
7	Methyl ac	etoacetate	()	5.0	5.0							
8	Mono met ace	hyl chloro tate	()	5.0	5.0							
9	PROD	UCTS	_	-									
10	Bron	nopol	()	4.0	4.0							
11	Pirac	etam	()	0.5	0.5							
12	Miconazo	le Nitrate	()	1.0	1.0							
13	Brimonidin	e Tartarate	()	0.01	0.01							
14	Bromfena	ic Sodium	()	0.01	0.01							
15	Nepafena	ic Sodium	()	0.01	0.01							
16	Ater	nolol	()	0.5	0.5							
17	Propr	anolol	()	0.5	0.5							

agger of the set			Signature:
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18	Alben	dazole 0)	1.0	1.0				
19	Daru	navir 0)	0.01	0.01				
20	Gly	cine 0)	5.0	5.0				
21	Sulphan	il amide	()	2.0	2.0				
22	Lithium (Carbonate	()	1.0	1.0				
23	Diclofeni	c Sodium	()	2.0	2.0				
24	Etam	sylate	()	1.0	1.0				
25	Chlorpr	omazine	()	0.5	0.5				
26	Febu	xostat	()	1.0	1.0				
		3	2.Tota	l Wate	r Requiremen	t				
		Source of w	vater	NA						
		Fresh wate	r (CMD):	NA						
		Recycled w Flushing (C	ater - CMD):	NA						
		Recycled w Gardening	ater - (CMD):	NA		0				
		Swimming make up (C	pool Cum):	NA						
Dry season	1:	Total Wate Requireme	Total Water Requirement (CMD) :		NA					
		Fire fighting - Underground water tank(CMD):		11 m3						
		Fire fighting - Overhead water tank(CMD):		10 m3						
		Excess trea	ted water	NA						
		Source of w	vater	NA						
		Fresh wate	r (CMD):	NA						
		Recycled water - Flushing (CMD):		NA						
		Recycled w Gardening	ater - (CMD):	NA						
		Swimming make up (C	pool Cum):	NA						
Wet seaso	n:	Total Wate Requireme :	r nt (CMD)	NA						
		Fire fightin Undergrou tank(CMD)	ng - nd water :	11 m3						
		Fire fightin Overhead w tank(CMD)	ng - vater :	10 m3						
	E		ted water	NA						
Details of Swimming pool (If any)										
	33.Details of Total water consumed									

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Particula rs	Cons	umption (CM	D)	Loss (CMD)			Effluent (CMD)					
Water Require ment	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total			
Domestic	0	1.0	1.0	0	0.1	0.1	0	0.9	0.9			
Industrial Process	0	8.5	8.5	0	0.5	0.5	0	8.0	8.0			
Cooling tower & thermopa ck	0	4.0	4.0	0	1.5	1.5	0	2.5	2.5			
Gardening	0	0.5	0.5	0	0.5	0.5	0	0.5	0.5			
		Level of the water table:	Ground	2 mtr								
		Size and no o tank(s) and Quantity:	of RWH	4 x 4 x 1 mt	4 x 4 x 1 mtr 1 nos							
		Location of t tank(s):	he RWH	Near main g	rate							
34.Rain V Harvestii	Water ng	Quantity of r pits:	echarge	16 cubic mt	ſ							
(RWH)	5	Size of recha :	rge pits	2 x 2 x 1 mtr								
		Budgetary al (Capital cost	location) :	Rs. 1.93 Lakhs								
		Budgetary al (O & M cost)	location :	Rs. 0.2 Lakhs /annum								
		Details of UG if any :	T tanks	UGT: 10 cubic mtr								
25 Storm	water	Natural wate drainage pat	r tern:	Through MIDC drain								
drainage	water	Quantity of s water:	torm	778 cubic mtr. Annually								
		Size of SWD:		300 mm wide								
		Sewage gene in KLD:	ration	1.0 m3/day								
	5	STP technolo	ogy:	Sewage shall be treated within the ETP								
Sewage	and	Capacity of S (CMD):	TP	Sewage shall be treated within the ETP								
Waste w	ater	Location & a the STP:	rea of	NA								
		Budgetary al (Capital cost	location):	NA								
		Budgetary al (O & M cost)	location :	NA								
		36	Soli	d waste	Manag	emen	t					



Waste gen	eration in	Waste gen	eration:	Top soil shall be removed for foundation work						
the Pre Co and Const	nstruction	Disposal o	f the	Eucoustada	ail aball ba	toned and w	:11 he wood fe			
phase:	uotion	debris:	on waste	Excavated son shall be stored and will be used for plantation work						
		Dry waste:		NA						
		Wet waste		300 kg /Month (Plastics ,Spent Carbon ,Hyflow)						
Waste ne	neration	Hazardous	waste:	300 kg / Mo	onth ETP Slu	dge				
in the op Phase:	eration	Biomedica applicable	l waste (If):	NA						
		STP Sludg sludge):	e (Dry	NA						
		Others if a	ny:	Ash: 200 Kg	g / Month					
		Dry waste:		NA						
		Wet waste	•	NA						
		Hazardous	waste:	Shall be ser	nt to Authori	zed waste m	anagement v	ınit		
Mode of a of waste:	Disposal	Biomedica applicable	l waste (If):	NA						
		STP Sludg sludge):	e (Dry	NA		C				
		Others if a	ny:	NA						
		Location(s):	NA						
Area for the s of waste & ot material:		e storage other	4 x 4 mtr							
		Area for m	achinery:	NA						
Budgetary	allocation	Capital cos	st:	Rs. 6 Lakhs						
(Capital co O&M cost)	st and	O & M cos	t:	Rs. 1.5 Lakhs/annum						
			37.Ef	fluent Charecterestics						
Serial Number	Paran	neters	Unit	Inlet E Charect	ffluent erestics	Outlet I Charect	Effluent erestics	Effluent discharge standards (MPCB)		
1	р	Н		5	-8	6.5	-8.5	5.5-9.0		
2	TI	DS	mg/lit	20	00	<1	00	<2100		
3	BO	DD OD	mg/lit	250	-300	<	10	<100		
4	CC	DD	mg/lit	7000-	-8000	<	50	<250		
Amount of e (CMD):	effluent gene	eration	11.4 m3/day	ı3/day						
Capacity of	the ETP:		13 m3/day	àу						
Amount of t recycled :	reated efflue	ent	0.9 m3/day	ıy						
Amount of v	vater send to	o the CETP:	10.5 m3/day	у						
Membershij	o of CETP (if	f require):	Applied for	Membership)					
Note on ETI	P technology	v to be used	As per MPC	B guideline						
Disposal of	the ETP sluc	lge	Sent To CH	łWMT						
			38.Ha	zardous	Waste D	etails				
Serial Number	Descr	iption	Cat	UOM	Existing	Proposed	Total	Method of Disposal		

age of the st			Signature: Name: Dr. Umakant Gangetzeo Dangat
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1	Spent	Carbon	Schee	dule I	KG	C)	100 K M	G /	100 I N	KG / 1	Send to CHWMT
2	Spent	Hyflow	Schee	dule I	KG	C)	200 K M	G / 200 KG / M		KG / 1	Send to CHWMT
3	ETP s	sludge	Schee	dule I	KG	C)	300 KG	G/M	300 K	G/M	Send to CHWMT
			3	19.S	tacks em	issio	n De	etails				
Serial Number	Section	a & units Fuel Us Quar		ed with ntity Stack No.		Heig from groun level (ht n nd (m)	Inte diam (n	rnal leter 1)	Temp. of Exhaust Gases		
1	Bo	iler	BRI	CKATI Kg ,	E/Coal 500 /day	1 n	0S.	1.2 mt 2 .0 n	r to ntr	500 m 700	nm to mm	110 Degree Celcius
40.Details of Fuel to be used												
Serial Number	Тур	oe of Fue	el		Existing			Propo	sed	Total		Total
1	BRIC	CKATE/Co	bal		0			200 Kg	/day			200 Kg /day
41.Source of	of Fuel			Local	Vendor							
42.Mode of	Transportat	ion of fue	el to site	By Lo	ocal transpor	t			-)	
					NTA				\rightarrow	5		
		lotal R	G area :	out	NA							
		:	iees to be	cui	0							
43.Gree	43.Green Belt Number of be planted			ees to 25								
Develop	evelopment List of pro- native tree		proposed trees :	As per below table								
		Timelin comple plantat	ne for etion of cion :	of Before completion of project								
	44.Nu	mber a	and list	of t	rees spe	cies	to b	e plar	nteo	l in t	the g	jround
Serial Number	Name of	the plan	nt Co	Common Name Quantity			ntity	Characteristics & ecological importance				
1	Lagers flosre	troemia gineae		Tamhan		3		State flower tree of Maharashtra Medium sized tree, beautiful purple flowers				
2	Butea mo	nosperm	a	Pa	las		5		Medium sized deciduous tree			
3	Bauhinia	racemosa	a	Ap	ota	5			Small tree with small white flowers, Butterfly host plant			
4	Cassia	fistula		Bah	awa		Ę	5		Medium sized deciduous tree. Beautiful yellow flowers, Butterfly host plant		
5	Azadirac	hta indica	a	Ne	em		5	7		C.	Semi-e m	vergreen tree with edicinal value
45	5.Total qua	ntity of p	plants on	grou	nd							
46.Num	nber and	list of	f shrub	s an	d bushes	s spe	cies	to be	e pla	ante	d in	the podium RG:
Serial Number		Name			C/C Dista	ince					Area	n m2
1		NA			NA						Ν	А
					47.EI	nerg	JY					
Abhay Pimparkar (Secretary SEAC-I)				ting N O	o: 156th Day ctober 5, 201	-2 Mee 18	eting D	ate:	Pa	ge 95 of 99	Signat Name Dr. U (Chai	ure: Dr. Umakant Gangetzeo Dangat makant Dangat rman SEAC-I)

		Source of power supply :	MSEDCL					
Power requirement:		During Construction Phase: (Demand Load)	5 HP					
		DG set as Power back-up during construction phase	NA					
		During Operation phase (Connected load):	100 HP					
		During Operation phase (Demand load):	75 HP					
		Transformer:	Supply of MSEDCL					
		DG set as Power back-up during operation phase:	NA					
		Fuel used:	NA					
		Details of high tension line passing through the plot if any:	NA					
		48 Energy savi	ng by non-con	ventional method:				
 LED Light Solar System Energy satisfies 	t. tem used fo wing Equip	r Straight Light. ment Used	2	S				
		49.Detail	calculations &	x % of saving:				
Serial Number	Е	nergy Conservation M	easures Saving %					
1		Led Light	100 nos					
2		VFD for Reactor	4 nos					
3		VFD for Pump	10 nos					
4		Lighting Transform	er	1 nos				
		50.Details	of pollution co	ontrol Systems				
Source		Existing pollution cont	rol system	Proposed to be installed				
Air pollution from Process,Boile and DG sets	n er	NA		Scrubber arrangement Installed				
Effluent from Process	n	NA		ETP Installed				
Solid &Hazardou waste	S	NA		Sent to CHWMST				
Budgetary	allocation	Capital cost:	Rs. 15 Lakhs					
(Capital o O&M o	cost and cost):	0 & M cost:	Rs. 4 Lakhs/annum					
51	.Envir	onmental Mar	nagement p	lan Budgetary Allocation				
		a) Constru	tion nhase (w	rith Break-un).				
			uton phase (W	IIII DICAN-up).				

age ones			Signature: Name: Dr. Umakant Gangetreo Dangat
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Serial Number	Attributes		Parameter		Total Cost per annum (Rs. In Lacs)				.acs)
1	To control air pollution		Water For Dust Suppression		1				
2	To maintain hygienic condition		Site Sanitation, Disinfection& Safe	ety	2				
3	Air, water, noise and soil analysis		Environmental Monitoring		2				
4	To check worl	fitness of kers	Health Check Uj)	1				
5	Ν	A	TOTAL				6		
		b) Operation P	hase (w	ith Brea	k-up):		
Serial Number	Component		Description	Car	Capital cost Rs. In Lacs		Operational and Maintenance cost (Rs. in Lacs/yr)		
1	Air Environment		Air pollution controlling equipments		7		3.5		
2	Effluent Treatment Plant		To treat effluent a sewage	nd	25		2.0		
3	Noise Pollution		Noise pollution controlling equipm	ent	1		0.5		
4	Rain Water Harvesting		To harvest rain wa	ter	1.93		0.2		
5	Tree Plantation		For green belt development		3		1		
6	Energy saving		For use of solar lighting and sola heater	r	15		4		
7	Solid waste management		To treat biodegrada waste	able	è 6		1.5		
8	Environment Monitoring		Air, water, noise a soil analysis	nd	5		2.5		
9	Occupational Health		Health &Safety o worker	of	1		1		
10	Ν	A	TOTAL		64.93		16.2		
51.S	torage	of che	micals (infl	amab	le/expl	osiv	/haz	zardou	s/toxic
			sub	stanc	es)				
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	
Liq.Bromine (Hazardous)		Store Dept. Area 20 Sq.Mtr	12 MT/ Month	10 MT/ Month	4 MT/ Month		Local Vendor	By Road	
52.Any Other Information									
No Information Available									
	53.Traffic Management								

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 Signature: International Content of Signature: Name: Dr. Umakant Gaugetero Dangat (Chairman SEAC-I)

	Nos. of the junction to the main road & design of confluence:	NA		
	Number and area of basement:	NA		
	Number and area of podia:	NA		
	Total Parking area:	41.25 m2		
	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):	5 mtr		
	CRZ/ RRZ clearance obtain, if any:	NA		
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	NA		
	Category as per schedule of EIA Notification sheet	5 (f)		
	Court cases pending if any	NA		
	Other Relevant Informations	NA		
	Have you previously submitted Application online on MOEF Website.	No		
9	Date of online submission	-		
SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS				
Environmental Impacts of the project	Not Applicable			
Water Budget	Not Applicable			
Waste Water Treatment	Not Applicable			
Drainage pattern of the project	Not Applicable			

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

Brief information of the project by SEAC

PP already submitted the application vide consolidated statement number 1111. This is duplication of application.

DECISION OF SEAC

As the PP submitted earlier application which was considered in the 151st meeting held on 22.05.2018, SEAC decided to consider the CS No. 1111 and delist the CS No. 1110.

Specific Conditions by SEAC:

FA

FINAL RECOMMENDATION

Kindly find SEAC decision above.

