

184th Meeting of State Level Expert Appraisal Committee-1 (SEAC-1)

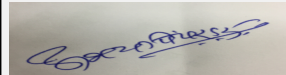
SEAC Meeting number: 184th -Day-4 Meeting Date June 5, 2020

Subject: Environment Clearance for Environment Clearance for: Existing Formulation & API Manufacturing Plant at Plot No. A - 42, MIDC Patalganga, Khalapur, District Raigad, Maharashtra by M/s. Cipla Limited

Is a Violation Case: Yes

1.Name of Project	Environmental Clearance for Existing Formulation & API Manufacturing Plant at Plot No. A - 42, MIDC Patalganga, Khalapur, District Raigad, Maharashtra by M/s. Cipla Limited
2.Type of institution	TOR
3.Name of Project Proponent	Cipla Limited
4.Name of Consultant	Kadam Environmental Consultants, Vadodara, Gujarat
5.Type of project	NA
6.New project/expansion in existing project/modernization/diversification in existing project	Violation Case
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	No
8.Location of the project	Plot No. A - 42, MIDC Patalganga
9.Taluka	Khalapur
10.Village	Patalganga
Correspondence Name:	Mr. Sanjay Mhaske
Room Number:	Plot No. A - 42, MIDC Patalganga
Floor:	NA
Building Name:	Cipla Limited
Road/Street Name:	MIDC Patalganga
Locality:	Khalapur
City:	MIDC Patalganga
11.Whether in Corporation / Municipal / other area	MIDC Patalganga
12.IOD/IOA/Concession/Plan Approval Number	Plot allotment letter received from MIDC IOD/IOA/Concession/Plan Approval Number: NA Approved Built-up Area: 34505
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.)	Industrial Plot Area: 34505 m ²
16.Deductions	NA
17.Net Plot area	NA
18 (a).Proposed Built-up Area (FSI & Non-FSI)	a) FSI area (sq. m.): NA b) Non FSI area (sq. m.): NA c) Total BUA area (sq. m.): 34505
18 (b).Approved Built up area as per DCR	Approved FSI area (sq. m.): NA Approved Non FSI area (sq. m.): NA Date of Approval: 28-03-2001
19.Total ground coverage (m ²)	NA
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	NA
21.Estimated cost of the project	2807300000

22.Number of buildings & its configuration



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Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)
1	NA	NA	NA
2	NA	NA	NA
23.Number of tenants and shops	NA		
24.Number of expected residents / users	NA		
25.Tenant density per hectare	NA		
26.Height of the building(s)			
27.Right of way (Width of the road from the nearest fire station to the proposed building(s))	NA		
28.Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation	NA		
29.Existing structure (s) if any	NA		
30.Details of the demolition with disposal (If applicable)	NA		

31.Production Details

Serial Number	Product	Existing (MT/M)	Proposed (MT/M)	Total (MT/M)
1	"API Products (200 TPA) Alfozosin Hydrochloride, Placitaxel, Ropinirole HCL/Irinotecan Hydrochloride Trihydrate, Desloratidine/Rapaglinide/Lecarnadipine, Azelastin / Proparacaine HCL, Miscellaneous Formulation, Telmisartan / Irbesartan, Guggelsterone / Gatifloxacin, Stavudine / Zidovudine, Glatiramer Acetate / Exemestane, Brimonidine, Moxifloxacin, Dorzolamide Hydrochloride, Efavirenz, Imiquimod, Valsartan / Abcavir, Dutasteride, Finasteride, Cetirizine Dihydrochloride, Tolterodine, Roxithromycin, Ranitidine Hydrochloride, Mirtazapine, Doxazosine Mesylate, Levo Salbutamol Sulphate, Perindopril Ebumine / Deferisivox, Ciprofloxacin HCL monohydrate, Brimonidine Tartarate, Levocetirizine/Ranolazine / Ranolazine Dihydrochloride+B10, Salmeterol Xinafoate, Ondansetron Hydrochloride Dihydrate, Valacyclovir Hydrochloride, Torsemide, Pregablin / Repiglinde, Dutasteride / Miratazapine / Rizatriptan Benzoate, Simvastatin, Tamsulosin Hydrochloride, Danazol, Terbutaline Sulphate, Valgancyclovir / Varricon	16.66	0	16.66



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32.Total Water Requirement

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

33.Details of Total water consumed

Particulars	Consumption (CMD)			Loss (CMD)			Effluent (CMD)		
	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total
Domestic	30	0	30	10	0	10	20	0	20
Industrial Process	150	0	150	25	0	25	125	0	125
Cooling tower & thermopack	240	0	240	225	0	225	15	0	15



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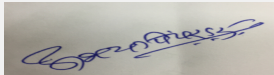
Gardening	30	0	30	30	0	30	0	0	0
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34.Rain Water Harvesting (RWH)	Level of the Ground water table:	No RWH
	Size and no of RWH tank(s) and Quantity:	NA
	Location of the RWH tank(s):	NA
	Quantity of recharge pits:	NA
	Size of recharge pits :	NA
	Budgetary allocation (Capital cost) :	NA
	Budgetary allocation (O & M cost) :	NA
	Details of UGT tanks if any :	NA

35.Storm water drainage	Natural water drainage pattern:	South to North and north to east, West to east
	Quantity of storm water:	NA
	Size of SWD:	W: 2 ft; h: 3 ft

Sewage and Waste water	Sewage generation in KLD:	20
	STP technology:	Sewage is being sent to soak pit
	Capacity of STP (CMD):	NA
	Location & area of the STP:	NA
	Budgetary allocation (Capital cost):	NA
	Budgetary allocation (O & M cost):	NA

36.Solid waste Management		
Waste generation in the Pre Construction and Construction phase:	Waste generation:	NA
	Disposal of the construction waste debris:	NA
Waste generation in the operation Phase:	Dry waste:	NA
	Wet waste:	NA
	Hazardous waste:	Details are provided in S. No. 45
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	NA
	Others if any:	NA



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Mode of Disposal of waste:	Dry waste:	NA
	Wet waste:	NA
	Hazardous waste:	Disposal of Hazardous Waste as per MPCB / CPCB norms. (details are provided Point No. 45 below)
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	NA
	Others if any:	NA
Area requirement:	Location(s):	Near ETP
	Area for the storage of waste & other material:	24 m ²
	Area for machinery:	4579.08 m ²
Budgetary allocation (Capital cost and O&M cost):	Capital cost:	NA
	O & M cost:	NA

37. Effluent Characteristics

Serial Number	Parameters	Unit	Inlet Effluent Charecterestics	Outlet Effluent Charecterestics	Effluent discharge standards (MPCB)
1	pH	-	8.35	7.84	5.5 - 9.0
2	Oil & Grease	mg/l	14	< 0.1	10
3	BOD	mg/l	638	13	100
4	TDS	mg/l	1910	38	2100
5	Suspended Solid	mg/l	198	29	100
6	COD	mg/l	1996	40	250
Amount of effluent generation (CMD):		160			
Capacity of the ETP:		160			
Amount of treated effluent recycled :		50			
Amount of water send to the CETP:		110			
Membership of CETP (if require):		We are member of PRIA CETP (I) LTD			
Note on ETP technology to be used		Effluent treatment comprising of Primary, Secondary & Tertiary treatment system, RO , MEE			
Disposal of the ETP sludge		ETP Sludge is being sent to MWML, Taloja for disposal by landfilling			

38. Hazardous Waste Details

Serial Number	Description	Cat	UOM	Existing	Proposed	Total	Method of Disposal
1	Used /Spent oil	5.1	MT/Month	4	0	4	Sale to authorized party user/ Preprocessor or shall be sent to CHWTSDF
2	Residues and wastes	28.1	MT/Month	6	0	6	CHWTSDF
3	Spent catalyst/ spent carbon	28.2/28.3	MT/Month	6	0	6	CHWTSDF
4	Date-expired, discarded and off-specification drugs	28.4/28.5	MT/Month	1	0	1	CHWTSDF



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5	Spent mother liquor	28.4	MT/Month	59	0	59	Reuse/ Recovered in your Plant/ CHWTSDf
6	Spent organic solvents	28.6	MT/Month	70	0	70	Reuse/ Recovered in your Plant/ CHWTSDf
7	Chemical sludge, oil and grease skimming residues	35.4	MT/Month	24	0	24	CHWTSDf

39.Stacks emission Details

Serial Number	Section & units	Fuel Used with Quantity	Stack No.	Height from ground level (m)	Internal diameter (m)	Temp. of Exhaust Gases
1	Boiler 1 (3.5 T/hr)	FO -130 Lit/day	1	32	1.1	150°C
2	Boiler 2 (3.5 T/hr) - Standby	FO -130 Lit/day	1	32	1.1	150°C
3	DG Set (1000 KVA)	HSD -250 Lit/hr	1	6.32	0.3	150°C
4	DG Set (1500 KVA)	HSD -350 Lit/hr	1	7.75	0.3	150°C
5	DG Set (1500 KVA)	HSD -350 Lit/hr	1	7.75	0.3	150°C

40.Details of Fuel to be used

Serial Number	Type of Fuel	Existing	Proposed	Total
1	FO for Boilers	260 Lit/Day	0	260 Lit/Day
2	HSD for DG Sets	950 Lit/hr	0	950 Lit/hr

41.Source of Fuel

Local Market

42.Mode of Transportation of fuel to site

Tanker

43.Green Belt Development

Total RG area :	Existing: 7947.27 m ²
No of trees to be cut :	NA
Number of trees to be planted :	NA
List of proposed native trees :	NA
Timeline for completion of plantation :	NA

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

Serial Number	Name of the plant	Common Name	Quantity	Characteristics & ecological importance
1	NA	NA	NA	NA

45.Total quantity of plants on ground

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

Serial Number	Name	C/C Distance	Area m ²
1	NA	NA	NA

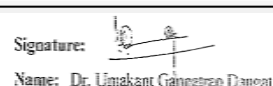
47.Energy



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Power requirement:	Source of power supply :	Maharashtra State Electricity Distribution Company Limited (MSEDCL)
	During Construction Phase: (Demand Load)	NA
	DG set as Power back-up during construction phase	NA
	During Operation phase (Connected load):	3700 KVA
	During Operation phase (Demand load):	2934 KVA
	Transformer:	2 Nos each of 2500 KVA
	DG set as Power back-up during operation phase:	DG Sets of 3 nos.:1010 kVA, 1500 kVA &1500 kVA
	Fuel used:	HSD
	Details of high tension line passing through the plot if any:	NA

48. Energy saving by non-conventional method:

Solar Energy - 5.24 Lakhs units Generated Till date through solar

49. Detail calculations & % of saving:

Serial Number	Energy Conservation Measures	Saving %
1	SOLAR ENERGY	Total 4.64 LKWH is saved in FY 17-18 for PTG-SITE

50. Details of pollution control Systems

Source	Existing pollution control system	Proposed to be installed
Air	Adequate stck heights to stack to boilers and DG sets are provided and scrubbers to process vents are provided	NA
Water	Effluent Treatment Plant	NA
Noise	PPE, Acaustic Enclosure	NA
Solid Waste	Haz. Waste is being disposed to CHWTSDF	NA

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

51. Environmental Management plan Budgetary Allocation

a) Construction phase (with Break-up):

Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)
1	NA	NA	NA

b) Operation Phase (with Break-up):

Serial Number	Component	Description	Capital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)
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1	Air Pollution Control	Scrubbers & Dust Collector	51.72	1.75
2	Water Pollution Control	ETP, RO ,MEE	445	136
3	Noise Pollution Control	Acoustic Enclosure to Blower and DG	20	2
4	Environment Monitoring and Management	Monitoring through MoEF approved Lab	NIL	4.5
5	Green Belt	Maintenance of Green belt.	15	17
6	Solid Waste Management	Handling and disposal at CHWTSDF	9.5	38

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

Description	Status	Location	Storage Capacity in MT	Maximum Quantity of Storage at any point of time in MT	Consumption / Month in MT	Source of Supply	Means of transportation
API STORES UNIT-II	NA	NA	36	NA	NA	NA	NA
UNDER GROUND/OVER HEAD TANK(SOLVENTS).	NA	NA	210	NA	NA	NA	NA
CORROSIVE MATERIAL SHED	NA	NA	4	NA	NA	NA	NA
DP STORES	NA	NA	17	NA	NA	NA	NA
NON-CLASSIFIED STORES	NA	NA	7	NA	NA	NA	NA

52.Any Other Information

No Information Available

53.Traffic Management

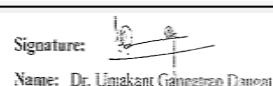
Nos. of the junction to the main road & design of confluence:	NA
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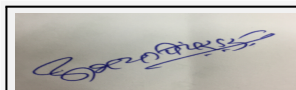


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Parking details:	Number and area of basement:	NA
	Number and area of podia:	NA
	Total Parking area:	NA
	Area per car:	NA
	Area per car:	NA
	Number of 2-Wheelers as approved by competent authority:	NA
	Number of 4-Wheelers as approved by competent authority:	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	5(f) B
	Court cases pending if any	NO
	Other Relevant Informations	NA
	Have you previously submitted Application online on MOEF Website.	Yes
	Date of online submission	09-09-2017

SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS

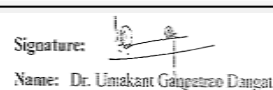
Environmental Impacts of the project	Not Applicable
Water Budget	Not Applicable
Waste Water Treatment	Not Applicable
Drainage pattern of the project	Not Applicable
Ground water parameters	Not Applicable
Solid Waste Management	Not Applicable



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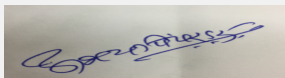
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Air Quality & Noise Level issues	Not Applicable
Energy Management	Not Applicable
Traffic circulation system and risk assessment	Not Applicable
Landscape Plan	Not Applicable
Disaster management system and risk assessment	Not Applicable
Socioeconomic 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	

SEAC-AGENDA-00000000427



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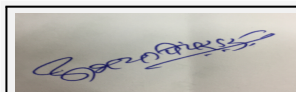
PP submitted application under violation category as per Notification issued by MoEF&CC dated 08.03.2018.

PP presented the proposal for ToR as per standard ToR issued by MoEF&CC in April 2015 and Notification issued on 08.03.2018 in 154th meeting of SEAC-1 held on 30.08.2018 wherein ToR was granted to the PP along with following additional ToR points.

1. PP to submit certificate of incorporation of the company, list of directors and memorandum of articles.
2. PP to submit lay out plan showing 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 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
4. 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.)
5. PP to submit details of Forest and Wild Life ecosensitive zones if any in the study area and within the range of 5 km.
6. 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
7. 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.)
8. 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.
9. 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
10. 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.
11. 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.
12. PP to carry out HAZOP and QRA and submit Disaster Management Plan
13. PP to provide new and renewable energy sources for the illumination of the office building and street lights.

Now PP submitted EIA/EMP report for appraisal.

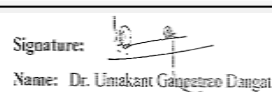
DECISION OF SEAC



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PP requested to postpone the case.

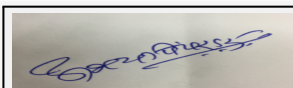
Hence, deferred.

Specific Conditions by SEAC:

- 1) PP to submit certificate of incorporation of the company, list of directors and memorandum of articles.
- 2) PP to submit lay out plan showing 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 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
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- 9) 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.
- 10) 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.
- 11) 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.
- 12) PP to carry out HAZOP and QRA and submit Disaster Management Plan.
- 13) PP to provide new and renewable energy sources for the illumination of the office building and street lights

FINAL RECOMMENDATION

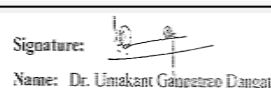
SEAC-I decided to defer the proposal. Kindly find SEAC decision above.



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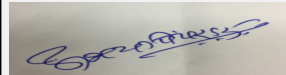
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Subject: Environment Clearance for Environment Clearance for: Existing Existing API Manufacturing Plant and R&D at Plot No. A - 2, MIDC Patalganga, Khalapur, District Raigad, Maharashtra by M/s. Cipla Limited

Is a Violation Case: Yes

1.Name of Project	Environmental Clearance for Existing Existing API Manufacturing Plant and R&D at Plot No. A - 2, MIDC Patalganga, Khalapur, District Raigad, Maharashtra by M/s. Cipla Limited
2.Type of institution	TOR
3.Name of Project Proponent	Cipla Limited
4.Name of Consultant	Kadam Environmental Consultants, Vadodara, Gujarat
5.Type of project	NA
6.New project/expansion in existing project/modernization/diversification in existing project	Violation Case
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	NO
8.Location of the project	Plot No. A - 2, MIDC Patalganga
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Correspondence Name:	Mr. Sanjay Mhaske
Room Number:	Plot No. A - 2, MIDC Patalganga
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Locality:	Khalapur
City:	MIDC Patalganga
11.Whether in Corporation / Municipal / other area	MIDC Patalganga
12.IOD/IOA/Concession/Plan Approval Number	Plot allotment letter received from MIDC IOD/IOA/Concession/Plan Approval Number: NA Approved Built-up Area: 48502
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.)	Industrial Plot Area: 48502 m ²
16.Deductions	NA
17.Net Plot area	NA
18 (a).Proposed Built-up Area (FSI & Non-FSI)	a) FSI area (sq. m.): NA b) Non FSI area (sq. m.): NA c) Total BUA area (sq. m.): 48502
18 (b).Approved Built up area as per DCR	Approved FSI area (sq. m.): NA Approved Non FSI area (sq. m.): NA Date of Approval: 22-03-1993
19.Total ground coverage (m ²)	NA
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	NA
21.Estimated cost of the project	2212700000

22.Number of buildings & its configuration



Abhay Pimparkar (Secretary SEAC-I)

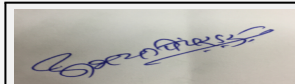
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Dr. Umakant Dangat (Chairman SEAC-I)

Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)	
1	NA	NA	NA	
23.Number of tenants and shops	NA			
24.Number of expected residents / users	NA			
25.Tenant density per hectare	NA			
26.Height of the building(s)				
27.Right of way (Width of the road from the nearest fire station to the proposed building(s))	NA			
28.Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation	NA			
29.Existing structure (s) if any	NA			
30.Details of the demolition with disposal (If applicable)	NA			
31.Production Details				
Serial Number	Product	Existing (MT/M)	Proposed (MT/M)	Total (MT/M)



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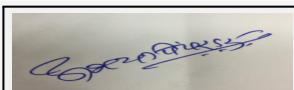
Name: Dr. Umakant Gangotree Dangat

Dr. Umakant Dangat (Chairman SEAC-I)

1	"Antihistaminie/ Anti-Inflammatory Drugs- (17 TPA) Loraketone/ Loratidine and its derivatives Desloratadine and its derivatives of Fexofenadine Hydrochloride and its derivatives OR Promethazine Hydrochloride and its derivatives OR Celecoxib and its derivatives OR Etoricoxib and its derivatives OR Meloxicam and its derivatives OR Rofecoxib and its derivatives OR Piroxicam or Leflunomide and its derivatives OR Tramadole Hydrochloride and its derivatives OR Valdecoxib and its derivatives OR Parecoxib Sodium and its Derivatives OR Divalprex Sodium and its derivatives OR Reloxifene Hydrochloride and its derivatives OR Mometosone Furate and its derivatives OR Lumefantrine & its derivatives. C16"	1.41	0	1.41
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2	"Antidepressant Drugs- (27 TPA) Fluxetine Hydrochloride and its derivatives OR Racemic Alcohol Paroxetine Hydrochloride and derivatives and Venlafaxine Hydrochloride and its derivatives OR Bupropion Hydrochloride and its derivatives OR Citalopram Hydrobromide and its derivatives OR Duloxetine Hydrochloride and its derivatives OR Reboxetine Methane Sulfonate and its derivatives OR Sertraline Hydrochloride and its derivatives OR Torseamide and its derivatives OR Escitalopram oxalate & its derivatives. "	2.25	0	2.25
3	"Hormones- (3.5 TPA) Mestrelone and its derivatives OR HPC V OR Testosterone Enanthate and its derivativ+C6es OR Norethisterone and its derivatives OR Levonorgestryl and its derivatives OR Mifepristone and its derivatives."	0.29	0	0.29

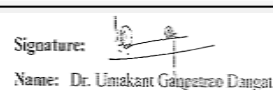
4	"Antibacterial/ Antifungal/ Antiviral Drugs-(52 TPA) Sulfamoxole and its derivatives OR Trimethoprim and its derivatives OR Ciprofloxacin and its derivatives OR Difloxacin and its derivatives OR Enrofloxacin and its derivatives OR Gatifloxacin and its derivatives OR Linezolid and its derivatives or Levofloxacin Hemihydrate and its derivatives OR Norfloxacin and its derivatives OR Ofloxacin and its derivatives OR Sparfloxacin and its derivatives OR Fluconazole and its derivatives OR Terbinafine Hydrochloride and its derivatives OR Aciclovir and its derivatives OR Didanosine and its derivatives OR Efavirenz and its derivatives OR Lamivudine and its derivatives OR Nelfinavir Mesylate and its derivatives OR Praziquantel and its derivatives "	4.33	0	4.33
5	"Cardiac Drugs/ Erectile Dysfunction -(25 TPA) Xantanol Niconate and its derivatives OR Atorvastatin Calcium and its derivatives OR Fluvastatin Sodium and its derivatives OR Oxyfedrine Hydrochloride and its derivatives OR Pitavastatin and its derivatives OR Pitavastatin Sodium and its derivatives OR Simvastatin and its derivatives OR Sildenafil Citrate and its derivatives OR Apomorphine and its derivatives"	2.08	0	2.08



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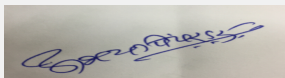
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Dr. Umakant Dangat (Chairman SEAC-I)

6	"Laxative / Anti Alcerative Drugs - (127 TPA) Bisacodyl and its derivatives OR Normacol and its derivatives OR Famotidine and its derivatives OR Lansoprazole and its derivatives OR Omeprazole, Omeprazole Magnesium / Sodium and its derivatives OR Pantaprazole and derivatives OR Rabeprazole and its derivatives."	10.58	0	10.58
7	"Antihypertensive Drugs - (24 TPA) Clonidine Hydrochloride and its derivatives OR Di-Pyridamole and its derivatives OR Verpamil Hydrochloride and its derivatives OR Amlodipine Besylate / Hydrochloride and its derivatives OR Amlodipine Besylate / Hydrochloride and its derivatives Atenolol and its derivatives OR Benzapril Hydrochloride and its derivatives OR Candesartan Cliexetil & its derivatives OR Carvedilol and its derivatives OR Diltiazem Hydrochloride and its derivatives OR Enalapril Maleate and its derivatives OR Metolazone and its derivatives OR Rampril and its derivatives OR S- Amlodipin Besylate and its derivatives OR Terazosin Hydrochloride Dihyrate and its derivatives OR Telmisartan & its Derivatives"	2	0	2

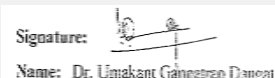
8	"Anti - Asthmatic Drugs - (72 TPA) Theophylline and its derivatives OR Etofylline and its derivatives OR Diprophylline and its derivatives OR Montelukast Sodium and its derivatives OR Salbutamol & its derivatives."	6	0	6
9	"Antiepileptic Drugs - (16 TPA) Carbamazepine and its derivatives "	1.33	0	1.33
10	"Anti Diabetic Drugs - (24 TPA) Sulphonamide/ Glibenclamide/ Glyburide and its derivatives OR Glimperide and its derivatives OR Pioglitazone Hydrochloride and its derivatives OR Repaglenide and its derivatives"	2	0	2
11	"Antispasmodic Drugs- (6 TPA) Mebeverine Hydrochloride and its derivatives "	0.5	0	0.5
12	"Anti Cancer/ Antineoplastic Drugs - (1 TPA) Fosfestrol and its derivatives OR Cyclophosphamide and its derivatives OR Exemestane and its derivatives."	0.08	0	0.08
32.Total Water Requirement				



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

33.Details of Total water consumed

Particulars	Consumption (CMD)			Loss (CMD)			Effluent (CMD)		
	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total
Domestic	50	0	50	30	0	30	20	0	20
Industrial Process	150	0	150	30	0	30	120	0	120
Cooling tower & thermopack	175	0	175	10	0	10	165	0	165
Gardening	46	0	46	46	0	46	0	0	0



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34. Rain Water Harvesting (RWH)	Level of the Ground water table:	No RWH
	Size and no of RWH tank(s) and Quantity:	NA
	Location of the RWH tank(s):	NA
	Quantity of recharge pits:	NA
	Size of recharge pits :	NA
	Budgetary allocation (Capital cost) :	NA
	Budgetary allocation (O & M cost) :	NA
	Details of UGT tanks if any :	NA
35. Storm water drainage	Natural water drainage pattern:	From South to North
	Quantity of storm water:	NA
	Size of SWD:	NA
Sewage and Waste water	Sewage generation in KLD:	20
	STP technology:	Sewage is being treated in ETP with industrial effluent
	Capacity of STP (CMD):	NA
	Location & area of the STP:	NA
	Budgetary allocation (Capital cost):	NA
	Budgetary allocation (O & M cost):	NA
36. Solid waste Management		
Waste generation in the Pre Construction and Construction phase:	Waste generation:	Not Applicable as this is case of violation
	Disposal of the construction waste debris:	NA
Waste generation in the operation Phase:	Dry waste:	NA
	Wet waste:	NA
	Hazardous waste:	Details are provided in S. No. 45
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	NA
	Others if any:	NA

Mode of Disposal of waste:	Dry waste:	NA
	Wet waste:	NA
	Hazardous waste:	Disposal of Hazardous Waste as per MPCB / CPCB norms. (details are provided Point No. 45 below)
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	NA
	Others if any:	NA
Area requirement:	Location(s):	Near ETP
	Area for the storage of waste & other material:	4x4 m
	Area for machinery:	4945.31 m ²
Budgetary allocation (Capital cost and O&M cost):	Capital cost:	NA
	O & M cost:	NA

37. Effluent Characteristics

Serial Number	Parameters	Unit	Inlet Effluent Charecterestics	Outlet Effluent Charecterestics	Effluent discharge standards (MPCB)
1	pH	NA	8.18	7.38	5.5 - 9.0
2	Oil & Grease	mg/l	10	< 0.1	10
3	BOD	mg/l	312	13	100
4	TDS	mg/l	1476	114	2100
5	Suspended Solid	mg/l	132	18	100
6	COD	mg/l	958	40	250
7	Chlorides	mg/l	442.69	47.74	600
8	Sulphate	mg/l	48.25	8.75	1000
Amount of effluent generation (CMD):		150			
Capacity of the ETP:		150			
Amount of treated effluent recycled :		150			
Amount of water send to the CETP:		NA			
Membership of CETP (if require):		NA			
Note on ETP technology to be used		Effluent treatment comprising of Primary, Secondary & Tertiary treatment system, UF,RO,MEE			
Disposal of the ETP sludge		ETP Sludge is being sent to MWML, Taloja for disposal by landfilling			

38. Hazardous Waste Details

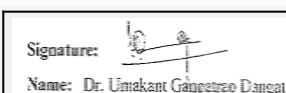
Serial Number	Description	Cat	UOM	Existing	Proposed	Total	Method of Disposal
1	Residues and wastes	28.1	MT/Month	16	0	16	CHWTSDF
2	Spent catalyst/ spent carbon off specification products	28.2	MT/Month	2	0	2	CHWTSDF
3	Spent mother liquor	28.4	MT/Month	59	0	59	Sale to register recycler/ CHWTSDF
4	Spent organic solvents	28.5	MT/Month	70	0	70	Sale to register recycler/ CHWTSDF



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5	Chemical sludge from ETP	34.3	MT/Month	10	0	10	CHWTSDF
6	Used/ spent oil	5.1	MT/Month	4	0	4	Sale to register recycler
7	Date-expired, discarded and off-specification drugs/ medicine	28.3	MT/Month	59	0	59	CHWTSDF

39.Stacks emission Details

Serial Number	Section & units	Fuel Used with Quantity	Stack No.	Height from ground level (m)	Internal diameter (m)	Temp. of Exhaust Gases
1	Boiler 1 (3.5 T/hr)	FO -130 Lit/day	1	32	1.1	150°C
2	Boilers (2 Nos., each of 2 T/hr) - Standby	FO -100 Lit/day for each boiler	1	32	1.1	150°C
3	DG Set (250 KVA)	HSD -35 Lit/hr	1	7	0.3	150°C
4	DG Set (1500 KVA)	HSD -210 Lit/hr	1	30	0.3	150°C
5	DG Set (1500 KVA)	HSD -210 Lit/hr	1	30	0.3	150°C

40.Details of Fuel to be used

Serial Number	Type of Fuel	Existing	Proposed	Total
1	FO for Boilers	260 Lit/Day	0	260 Lit/Day
2	HSD for DG Sets	950 Lit/hr	0	950 Lit/hr

41.Source of Fuel

Local Market

42.Mode of Transportation of fuel to site

Tanker

43.Green Belt Development

Total RG area :	Existing:14217.45 m2
No of trees to be cut :	NA
Number of trees to be planted :	NA
List of proposed native trees :	NA
Timeline for completion of plantation :	NA

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

Serial Number	Name of the plant	Common Name	Quantity	Characteristics & ecological importance
1	NA	NA	NA	NA

45.Total quantity of plants on ground

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

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

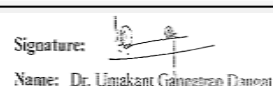
47.Energy



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Name: Dr. Umakant Dangat
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Power requirement:	Source of power supply :	Maharashtra State Electricity Distribution Company Limited (MSEDCL)
	During Construction Phase: (Demand Load)	NA
	DG set as Power back-up during construction phase	NA
	During Operation phase (Connected load):	2648 kVA
	During Operation phase (Demand load):	1614 kVA
	Transformer:	2500KVA
	DG set as Power back-up during operation phase:	DG Sets of 2 nos.: 250 kVA,1500 kVA
	Fuel used:	HSD
	Details of high tension line passing through the plot if any:	NO

48. Energy saving by non-conventional method:

Solar Energy

49. Detail calculations & % of saving:

Serial Number	Energy Conservation Measures	Saving %
1	solar warm water system Installed for Warm water generator with evacuated tube type solar collector (panel) on utility terrace, Cap is 300000 Kcal/day ,Resulting in saving of thermal (steam) energy and reduce the steam consumption. Also save fuel and environment.	By solar warm water system : 5.23 Lakhs Rs.

50. Details of pollution control Systems

Source	Existing pollution control system	Proposed to be installed
Air	Adequate stck heights to stack to boilers and DG sets are provided and scrubbers to process vents are provided	NA
Water	Effluent Treatment Plant	NA
Noise	PPE, Acaustic Enclosure	NA
Solid Waste	Haz. Waste is being disposed to CHWTSDF	NA

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

Capital cost:	NA
O & M cost:	NA

51. Environmental Management plan Budgetary Allocation

a) Construction phase (with Break-up):

Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)
1	NA	NA	NA



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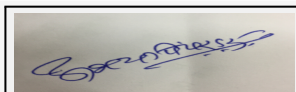
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Name: Dr. Umakant Gangotree Dangat
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b) Operation Phase (with Break-up):							
Serial Number	Component	Description	Capital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)			
1	Air Pollution Control	Scrubbers & Dust Collector	55.61	43.73			
2	Water Pollution Control	ETP, RO ,MEE	742.64	1114.43			
3	Noise PollutionControl	Acoustic Enclosure to Blower and DG	37	10			
4	Environment Monitoring and Management	Monitoring through MoEF approved Lab	NA	4.2			
5	Green Belt	Maintenance of Green belt.	15	17			
6	Solid Waste Management	Handling and disposal at CHWTSDF	9.5	40			
51.Storage of chemicals (inflamable/explosive/hazardous/toxic substances)							
Description	Status	Location	Storage Capacity in MT	Maximum Quantity of Storage at any point of time in MT	Consumption / Month in MT	Source of Supply	Means of transportation
Petroleum Class A in Bulk	NA	NA	90.00 KL	NA	NA	NA	NA
Petroleum Class B in Bulk	NA	NA	30.00 KL	NA	NA	NA	NA
Petroleum Class C in Bulk	NA	NA	64.00 KL	NA	NA	NA	NA
DP Store	NA	NA	40 KL	NA	NA	NA	NA
Non Classified Store	NA	NA	36 KL	NA	NA	NA	NA
52.Any Other Information							
No Information Available							
53.Traffic Management							
Nos. of the junction to the main road & design of confluence:		NA					

Parking details:	Number and area of basement:	NA
	Number and area of podia:	NA
	Total Parking area:	NA
	Area per car:	NA
	Area per car:	NA
	Number of 2-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	5(f) B
	Court cases pending if any	NA
	Other Relevant Informations	We have done application under violation case to MoEF vide Proposal Number IA/MH/IND2/68274/2017 on 09/09/2017. The case was transferred to SEAC Maharashtra vide Proposal Number SIA/MH/IND2/23401/2018. Again we have done application on state portal via MoEF vide Proposal number SIA/MH/IND2/23919/2018 on 09/04/2018 with reference to the public notice vide No. ENV-2018/Legal/CR-8.
	Have you previously submitted Application online on MOEF Website.	Yes
	Date of online submission	09-09-2017
SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS		
Environmental Impacts of the project	Not Applicable	
Water Budget	Not Applicable	
Waste Water Treatment	Not Applicable	



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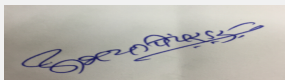
Signature:



Name: Dr. Umakant Dangat

Dr. Umakant Dangat (Chairman SEAC-I)

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	



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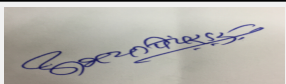
Dr. Umakant Dangat (Chairman SEAC-I)

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 in 154th meeting of SEAC-1 held on 30.08.2018 wherein ToR was grnated to the PP along with follwing additional ToR points.

1. PP to submit certificate of incorporation of the company, list of directors and memorandum of articles.
2. PP to submit lay out plan showing 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 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
4. 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.)
5. PP to submit details of Forest and Wild Life ecosensitive zones if nay in the study area and within the range of 5 km.
6. 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
7. 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.)
8. 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.
9. 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
10. 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.
11. 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.
12. PP to carry out HAZOP and QRA and submit Disaster Management Plan
13. PP to provide new and renewable energy sources for the illumination of the office building and street lights.

Now PP submitted EIA/EMP report for appraisal.

 Abhay Pimparkar (Secretary SEAC-I)	SEAC Meeting No: 184th -Day-4 Meeting Date: June 5, 2020	Page 28 of 54	 Name: Dr. Umakant Dangat Dr. Umakant Dangat (Chairman SEAC-I)
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DECISION OF SEAC

PP requested to postpone the case.

Hence, deferred

Specific Conditions by SEAC:

- 1) 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.
- 2) PP to submit contour plan of the site showing internal road network and storm water drain network along with drain calculations.
- 3) 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 and submit proposed mitigation measures to reduce the identified potentials.
- 4) PP to submit their plan to undertake Patalganga River Rejuvenation plan from their CER funds (Rs. 3.31 Cr.) in consultation with the District Authority.
- 5) PP to submit revised specific remediation plan and natural and community augmentation plan along with its costs.

FINAL RECOMMENDATION

SEAC-I decided to defer the proposal. Kindly find SEAC decision above.


**Abhay Pimparkar (Secretary
SEAC-I)**

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

184th Meeting of State Level Expert Appraisal Committee-1 (SEAC-1)

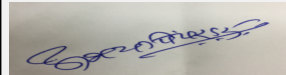
SEAC Meeting number: 184th -Day-4 Meeting Date June 5, 2020

Subject: Environment Clearance for Environment Clearance for: Existing Formulation & API Manufacturing Plant at Plot No. A - 33, A - 37/2/2, MIDC Patalganga, Khalapur, District Raigad, Maharashtra by M/s. Cipla Limited

Is a Violation Case: Yes

1.Name of Project	Environmental Clearance for Existing Formulation & API Manufacturing Plant at Plot No. A - 33, A - 37/2/2, MIDC Patalganga, Khalapur, District Raigad, Maharashtra by M/s. Cipla Limited
2.Type of institution	TOR
3.Name of Project Proponent	Cipla Limited
4.Name of Consultant	Kadam Environmental Consultants, Vadodara, Gujarat
5.Type of project	NA
6.New project/expansion in existing project/modernization/diversification in existing project	Violation Case
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	NA
8.Location of the project	Plot No. A - 33, A - 37/2/2
9.Taluka	Khalapur
10.Village	Patalganga
Correspondence Name:	Mr. Sanjay Mhaske
Room Number:	Plot No. A - 33, A - 37/2/2
Floor:	NA
Building Name:	Cipla Limited
Road/Street Name:	MIDC Patalganga
Locality:	Khalapur
City:	MIDC Patalganga
11.Whether in Corporation / Municipal / other area	MIDC Patalganga
12.IOD/IOA/Concession/Plan Approval Number	Plot allotment letter received from MIDC IOD/IOA/Concession/Plan Approval Number: NA Approved Built-up Area: 29292
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.)	Industrial Plot Area: 29292 m ²
16.Deductions	NA
17.Net Plot area	NA
18 (a).Proposed Built-up Area (FSI & Non-FSI)	a) FSI area (sq. m.): NA b) Non FSI area (sq. m.): NA c) Total BUA area (sq. m.): 29292
18 (b).Approved Built up area as per DCR	Approved FSI area (sq. m.): NA Approved Non FSI area (sq. m.): NA Date of Approval: 22-12-1987
19.Total ground coverage (m ²)	NA
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	NA
21.Estimated cost of the project	1576100000

22.Number of buildings & its configuration



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Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)	
1	NA	NA	NA	
23.Number of tenants and shops	NA			
24.Number of expected residents / users	NA			
25.Tenant density per hectare	NA			
26.Height of the building(s)				
27.Right of way (Width of the road from the nearest fire station to the proposed building(s))	NA			
28.Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation	NA			
29.Existing structure (s) if any	NA			
30.Details of the demolition with disposal (If applicable)	NA			
31.Production Details				
Serial Number	Product	Existing (MT/M)	Proposed (MT/M)	Total (MT/M)



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1	BULK DRUGS (Acyclovir USP/ Valaciclovir HCL, Albuterol Sulphate USP XXII, Androstenediol/ Androstenedione, Alprazolam USP/Budesonide/ Alendronate Sodium Trihydrate, Amlodipine Besylate/ Azithromycin/ Atenolol/ Aluminium Nicotinate, 1e alpha Bromopiride/ Levocetirizine Dihydrochloride, Clarithromycin USP, Cypoterone Acetate/ Candocumimulodide, Danazol USP/ IP/ Doxazone Pseudoephedrine, Trazodone Hydrochloride/ Ceftriaxone, Deferiprone/ diclofenac ethyl ammonium salt, Estramustine Sodium phosphate, Felodipine, Salmeterol, Xinafoate, Finasteride, Fluconazole, Fluticasone Propionate, Gefepiride/ terazosin Hydrochloride, Pluribiphen BP/USP, Ketorolac Tromethamine/ Rofexanide, Lansoprazole/ Lamotrigine/ Hydrochloride, Mefloquine Hydrochloride/ Mirtazapine, Metoprolol Tartrate USP, Methocarbamol USP, Moclobemide/ Pefloxacin/ Montelukast, Nifedipine/ Fenpropion/ Felodipine, Norfloxacin/ Enrofloxacin, Enrofloxacin hydrochloride Ciprofloxacin, Ciprofloxacin HCL Monohydrate, Ondansetron Hydro	12	0	12
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32. Total Water Requirement

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



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Wet season:	Source of water	NA								
	Fresh water (CMD):	NA								
	Recycled water - Flushing (CMD):	NA								
	Recycled water - Gardening (CMD):	NA								
	Swimming pool make up (Cum):	NA								
	Total Water Requirement (CMD) :	NA								
	Fire fighting - Underground water tank(CMD):	NA								
	Fire fighting - Overhead water tank(CMD):	NA								
	Excess treated water	NA								
Details of Swimming pool (If any)	NA									
33.Details of Total water consumed										
Particulars	Consumption (CMD)			Loss (CMD)			Effluent (CMD)			
Water Requirement	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total	
Domestic	90	0	90	30	0	30	60	0	60	
Industrial Process	290	0	290	100	0	100	190	0	190	
Cooling tower & thermopack	130	0	130	120	0	120	10	0	10	
Gardening	70	0	70	70	0	70	0	0	0	
Fresh water requirement	580	0	580	0	0	0	0	0	0	


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34.Rain Water Harvesting (RWH)	Level of the Ground water table:	Rain water from roof top is being used in cooling tower.
	Size and no of RWH tank(s) and Quantity:	NA
	Location of the RWH tank(s):	NA
	Quantity of recharge pits:	NA
	Size of recharge pits :	NA
	Budgetary allocation (Capital cost) :	NA
	Budgetary allocation (O & M cost) :	NA
	Details of UGT tanks if any :	NA
35.Storm water drainage	Natural water drainage pattern:	South to closed towards north and the flows out of premises towards west side
	Quantity of storm water:	NA
	Size of SWD:	W: 2 ft; h: 3 ft
Sewage and Waste water	Sewage generation in KLD:	60
	STP technology:	Sewage is being treated in ETP along with Industrial effluent
	Capacity of STP (CMD):	NA
	Location & area of the STP:	NA
	Budgetary allocation (Capital cost):	NA
	Budgetary allocation (O & M cost):	NA
36.Solid waste Management		
Waste generation in the Pre Construction and Construction phase:	Waste generation:	NA
	Disposal of the construction waste debris:	NA
Waste generation in the operation Phase:	Dry waste:	NA
	Wet waste:	NA
	Hazardous waste:	Details are provided in S. No. 45
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	NA
	Others if any:	NA

Mode of Disposal of waste:	Dry waste:	NA
	Wet waste:	NA
	Hazardous waste:	NA
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	NA
	Others if any:	NA
Area requirement:	Location(s):	Near Gate number 2
	Area for the storage of waste & other material:	24 m ²
	Area for machinery:	5990.93 m ²
Budgetary allocation (Capital cost and O&M cost):	Capital cost:	6 lacs
	O & M cost:	NA

37. Effluent Characteristics

Serial Number	Parameters	Unit	Inlet Effluent Characteristics	Outlet Effluent Characteristics	Effluent discharge standards (MPCB)
1	ph	--	8.15	7.82	5.5 - 9.0
2	Oil & Grease	mg/l	12	< 0.1	10
3	BOD	mg/l	1537	18	100
4	TDS	mg/l	3640	422	2100
5	Suspended Solid	mg/l	136	26	100
6	COD	mg/l	4391	56	250
7	Chlorides	mg/l	568.25	158.09	600
8	Total Ammonical Nitrogen	mg/l	9.8	1.84	50

Amount of effluent generation (CMD):

260 KLD

Capacity of the ETP:

260 KLD

Amount of treated effluent recycled :

60 KL

Amount of water sent to the CETP:

200 KLD

Membership of CETP (if require):

We are member of PRIA CETP (I) LTD

Note on ETP technology to be used

Effluent treatment comprising of Primary, Secondary & Tertiary treatment system RO , MEE

Disposal of the ETP sludge

ETP Sludge is being sent to MWML, Taloja for disposal by landfilling

38. Hazardous Waste Details

Serial Number	Description	Cat	UOM	Existing	Proposed	Total	Method of Disposal
1	Residues and wastes	28.1	MT/Month	25	0	25	For incineration at MWML
2	Spent catalyst/ spent carbon	28.2	MT/Month	10	0	10	For authorized Reprocessor/ incineration MWML
3	Date-expired, discarded and off-specification drugs	28.4/28.5	MT/Month	1	0	1	For incineration at MWML



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4	Spent mother liquor Spent organic solvents	28.6	MT/Month	129	0	129	For incineration at MWML, Sale to authorized Reprocessor
5	Chemical sludge, oil and grease skimming residues	35.4	MT/Month	24	0	24	Landfill at MWML
6	Used/ spent oil	5.1	MT/Month	4	0	4	Sale to Authorized Reprocessor

39.Stacks emission Details

Serial Number	Section & units	Fuel Used with Quantity	Stack No.	Height from ground level (m)	Internal diameter (m)	Temp. of Exhaust Gases
1	Boiler 1 (2 T/hr)	FO/LDO -1350 Lit/day	1	35	1.1	150°C
2	Boiler 2 (2 T/hr) - Standby	FO/LDO -1350 Lit/day	1	35	1.1	150°C
3	DG Set (625 KVA)	HSD -122 Lit/hr	1	5	0.3	150°C
4	DG Set (1010 KVA)	HSD -180 Lit/hr	1	6.3	0.3	150°C
5	DG Set (1510 KVA)	HSD -231 Lit/hr	1	7.7	0.3	150°C

40.Details of Fuel to be used

Serial Number	Type of Fuel	Existing	Proposed	Total
1	FO/HSD for Boilers	2700 Lit/Day	0	2700 Lit/Day
2	HSD for DG Sets	533 Lit/hr	0	533 Lit/hr

41.Source of Fuel

Local Market

42.Mode of Transportation of fuel to site

Tanker

43.Green Belt Development

Total RG area :	Existing: 4785 m ²
No of trees to be cut :	NA
Number of trees to be planted :	NA
List of proposed native trees :	NA
Timeline for completion of plantation :	NA

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

Serial Number	Name of the plant	Common Name	Quantity	Characteristics & ecological importance
1	NA	NA	NA	NA

45.Total quantity of plants on ground

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

Serial Number	Name	C/C Distance	Area m ²
1	NA	NA	NA

47.Energy



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Power requirement:	Source of power supply :	Maharashtra State Electricity Distribution Company Limited (MSEDCL)
	During Construction Phase: (Demand Load)	NA
	DG set as Power back-up during construction phase	NA
	During Operation phase (Connected load):	6152 kw
	During Operation phase (Demand load):	2255 kva
	Transformer:	1000 kva ,1000 kva and 1250 kva
	DG set as Power back-up during operation phase:	DG Sets of 3 nos.:625 kVA, 1010 kVA & 1510 kVA
	Fuel used:	HSD
	Details of high tension line passing through the plot if any:	NA

48. Energy saving by non-conventional method:

NA

49. Detail calculations & % of saving:

Serial Number	Energy Conservation Measures	Saving %
1	NA	NA

50. Details of pollution control Systems

Source	Existing pollution control system	Proposed to be installed
Air	Adequate stack heights to stack to boilers and DG sets are provided and scrubbers to process vents are provided	NA
Water	Effluent Treatment Plant	NA
Noise	PPE, Acoustic Enclosure	NA
Solid Waste	Haz. Waste is being disposed to CHWTSDF	NA

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

51. Environmental Management plan Budgetary Allocation

a) Construction phase (with Break-up):

Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)
1	NA	NA	NA

b) Operation Phase (with Break-up):

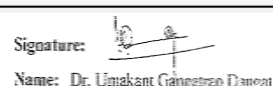
Serial Number	Component	Description	Capital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)
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1	Air Pollution Control	Scrubbers & Dust Collector	88.8	163.2
2	Water Pollution Control	ETP, RO ,MEE	644	120
3	Noise Pollution Control	Acoustic Enclosure to Blower and DG	10	1.5
4	Environment Monitoring and Management	Monitoring through MoEF approved Lab	Nil	4.2
5	Green Belt	Maintenance of Green belt.	15	17
6	Solid Waste Management	Handling and disposal at CHWTSDF	5	75

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

Description	Status	Location	Storage Capacity in MT	Maximum Quantity of Storage at any point of time in MT	Consumption / Month in MT	Source of Supply	Means of transportation
Solvent Yard I	Underground storage	NA	105.00 KL	NA	NA	NA	NA
Solvent Yard II	Underground storage	NA	72.00 KL	NA	NA	NA	NA
D.P Store	NA	NA	50 KL	NA	NA	NA	NA

52.Any Other Information

No Information Available

53.Traffic Management

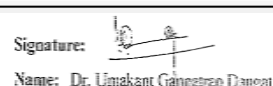
	Nos. of the junction to the main road & design of confluence:	NA
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Parking details:	Number and area of basement:	NA
	Number and area of podia:	NA
	Total Parking area:	NA
	Area per car:	NA
	Area per car:	NA
	Number of 2-Wheelers as approved by competent 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	5(f) B
	Court cases pending if any	No
	Other Relevant Informations	NIL
	Have you previously submitted Application online on MOEF Website.	Yes
	Date of online submission	09-09-2017

SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS

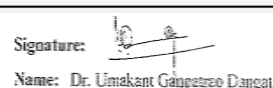
Environmental Impacts of the project	Not Applicable
Water Budget	Not Applicable
Waste Water Treatment	Not Applicable
Drainage pattern of the project	Not Applicable
Ground water parameters	Not Applicable
Solid Waste Management	Not Applicable



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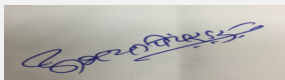
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Air Quality & Noise Level issues	Not Applicable
Energy Management	Not Applicable
Traffic circulation system and risk assessment	Not Applicable
Landscape Plan	Not Applicable
Disaster management system and risk assessment	Not Applicable
Socioeconomic 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	

SEAC-AGENDA-00000000427



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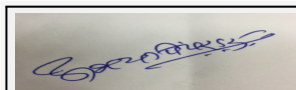
PP submitted application under violation category as per Notification issued by MoEF&CC dated 08.03.2018.

PP presented the proposal for ToR as per standard ToR issued by MoEF&CC in April 2015 and Notification issued on 08.03.2018 in 154th meeting of SEAC-1 held on 30.08.2018 wherein ToR was granted to the PP along with following additional ToR points.

1. PP to submit certificate of incorporation of the company, list of directors and memorandum of articles.
2. PP to submit lay out plan showing 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 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
4. 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.)
5. PP to submit details of Forest and Wild Life ecosensitive zones if any in the study area and within the range of 5 km.
6. 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
7. 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.)
8. 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.
9. 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
10. 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.
11. 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.
12. PP to carry out HAZOP and QRA and submit Disaster Management Plan
13. PP to provide new and renewable energy sources for the illumination of the office building and street lights.

Now PP submitted EIA/EMP report for appraisal.

DECISION OF SEAC



**Abhay Pimparkar (Secretary
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PP requested to postpone the case.

Hence. deferred.

Specific Conditions by SEAC:

- 1) PP to submit certificate of incorporation of the company, list of directors and memorandum of articles.
- 2) PP to submit lay out plan showing 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 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.
- 4) 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.)
- 5) PP to submit details of Forest and Wild Life ecosensitive zones if nay in the study area and within the range of 5 km.
- 6) 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.
- 7) 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.)
- 8) 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.
- 9) 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.
- 10) 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.
- 11) 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.
- 12) PP to carry out HAZOP and QRA and submit Disaster Management Plan.
- 13) PP to provide new and renewable energy sources for the illumination of the office building and street lights.

FINAL RECOMMENDATION

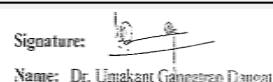
SEAC-I decided to defer the proposal. Kindly find SEAC decision above.



**Abhay Pimparkar (Secretary
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**Dr. Umakant Dangat
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184th Meeting of State Level Expert Appraisal Committee-1 (SEAC-1)**SEAC Meeting number: 184th -Day-4 Meeting Date June 5, 2020****Subject:** Environment Clearance for Environment Clearance for: Expansion of Integrated Paint Plant at Plot No. G35, Jejuri Additional Industrial Area, Jejuri, Taluka Purandhar, District Pune, Maharashtra State**Is a Violation Case:** No

1.Name of Project	Environment Clearance for: Expansion of Integrated Paint Plant at Plot No. G35, Jejuri Additional Industrial Area, Jejuri, Taluka Purandhar, District Pune, Maharashtra State
2.Type of institution	Private
3.Name of Project Proponent	M/S. BERGER PAINTS INDIA LIMITED
4.Name of Consultant	KADAM ENVIRONMENTAL CONSULTANTS, VADODARA, GUJARAT
5.Type of project	Not applicable
6.New project/expansion in existing project/modernization/diversification in existing project	EXPANSION
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	NO
8.Location of the project	Plot No. G35, Jejuri Additional Industrial Area, Jejuri, Taluka Purandhar, District Pune, Maharashtra State
9.Taluka	PURANDHAR
10.Village	JEJURI
Correspondence Name:	Mr. Narayan S. shinalkar
Room Number:	804
Floor:	3RD FLOOR
Building Name:	804, windfall, sahar plaza, J B nagar
Road/Street Name:	ANDHERI KURLA ROAD
Locality:	ANDHERI (EAST)
City:	Mumbai
11.Whether in Corporation / Municipal / other area	Other Area- Industrial Estate
12.IOD/IOA/Concession/Plan Approval Number	NOT APPLICABLE IOD/IOA/Concession/Plan Approval Number: NOT APPLICABLE Approved Built-up Area: 57143.07
13.Note on the initiated work (If applicable)	NOT APPLICABLE
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	MIDC, Jejuri
15.Total Plot Area (sq. m.)	73125
16.Deductions	2173.93
17.Net Plot area	70951.07
18 (a).Proposed Built-up Area (FSI & Non-FSI)	a) FSI area (sq. m.): Not applicable b) Non FSI area (sq. m.): Not applicable c) Total BUA area (sq. m.):
18 (b).Approved Built up area as per DCR	Approved FSI area (sq. m.): Not applicable Approved Non FSI area (sq. m.): Not applicable Date of Approval: 01-06-2000
19.Total ground coverage (m2)	56760.856
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	Not applicable
21.Estimated cost of the project	2000000000


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22.Number of buildings & its configuration

Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)
1	Not applicable	Not applicable	Not applicable
23.Number of tenants and shops	Not applicable		
24.Number of expected residents / users	Not applicable		
25.Tenant density per hectare	Not applicable		
26.Height of the building(s)			
27.Right of way (Width of the road from the nearest fire station to the proposed building(s))	Not applicable		
28.Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation	Not applicable		
29.Existing structure (s) if any	Not applicable		
30.Details of the demolition with disposal (If applicable)	Not applicable		

31.Production Details

Serial Number	Product	Existing (MT/M)	Proposed (MT/M)	Total (MT/M)
1	liquid solvent based paints	9000	39600	48600
2	resin	6000	27000	33000
3	solid color	3000	3900	6900

32.Total Water Requirement



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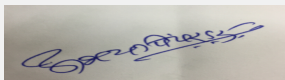
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Dry season:	Source of water	MIDC
	Fresh water (CMD):	231
	Recycled water - Flushing (CMD):	7
	Recycled water - Gardening (CMD):	31
	Swimming pool make up (Cum):	Not applicable
	Total Water Requirement (CMD) :	308
	Fire fighting - Underground water tank(CMD):	NIL
	Fire fighting - Overhead water tank(CMD):	1200 KL
	Excess treated water	NIL
Wet season:	Source of water	MIDC
	Fresh water (CMD):	231
	Recycled water - Flushing (CMD):	7
	Recycled water - Gardening (CMD):	31
	Swimming pool make up (Cum):	Not applicable
	Total Water Requirement (CMD) :	308
	Fire fighting - Underground water tank(CMD):	NIL
	Fire fighting - Overhead water tank(CMD):	1200 KL
	Excess treated water	NIL
Details of Swimming pool (If any)		Not applicable

33.Details of Total water consumed

Particulars	Consumption (CMD)			Loss (CMD)			Effluent (CMD)		
	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total
Domestic	2	0	2	2	0	2	7	0	7
Industrial Process	0	7.5	7.5	0	3.5	3.5	0	4	4
Cooling tower & thermopack	24	115	139	20	106	126	4	10	14
Gardening	19	1	20	19	1	20	0	0	0



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Fresh water requirement	55	176	231	43	166	209	24	16	40
34.Rain Water Harvesting (RWH)	Level of the Ground water table:	It ranges from 15 to 20 m bgl							
	Size and no of RWH tank(s) and Quantity:	01 Nos Size at the top(17.8 mtr x 15.0 mtr) size at bottom (6.4 mtr x 3.6 mtr)							
	Location of the RWH tank(s):	location is on layout map							
	Quantity of recharge pits:	One Rain Water Harvesting Pond							
	Size of recharge pits :	6.4 mtr x 3.6 mtr							
	Budgetary allocation (Capital cost) :	-							
	Budgetary allocation (O & M cost) :	-							
	Details of UGT tanks if any :	U/G storage tank: 2 nos. , 100KL & 60 KL							
35.Storm water drainage	Natural water drainage pattern:	towards SW direction							
	Quantity of storm water:	-							
	Size of SWD:	2m depth x 1.2 width							
Sewage and Waste water	Sewage generation in KLD:	10 KLD after proposed expansion							
	STP technology:	MBBR technology							
	Capacity of STP (CMD):	1 no.; capacity:20 KLD							
	Location & area of the STP:	Near ETP, area: 20 m2							
	Budgetary allocation (Capital cost):	20 Lakh							
	Budgetary allocation (O & M cost):	200 Rs/Day							
36.Solid waste Management									
Waste generation in the Pre Construction and Construction phase:	Waste generation:	No construction activities are involved hence such waste generation is not envisaged							
	Disposal of the construction waste debris:	No construction activities are involved hence generation and disposal of such wastes is not envisaged							
Waste generation in the operation Phase:	Dry waste:	NOT APPLICABLE							
	Wet waste:	Not Applicable							
	Hazardous waste:	Chemical sludge from waste water treatment 1.23 MTPA, Used Oil/Spent oil 2.45 MTPA, Spent Solvent 411.68 MTPA. Process waste, residue, sludge 123.50, Discarded container/drum/liner 2.94 MTPA, Bag Filter and Dust collector Residue 51.46 MTPA							
	Biomedical waste (If applicable):	Not Applicable							
	STP Sludge (Dry sludge):	1 kg/day							
	Others if any:	Boiler ash: total 96 MT per Month							

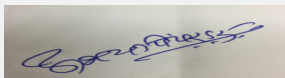
Mode of Disposal of waste:	Dry waste:	sale to scrap dealer
	Wet waste:	Not Applicable
	Hazardous waste:	Sent to to CHWTSDF for landfilling & Sale to Authorised recycler
	Biomedical waste (If applicable):	Not Applicable
	STP Sludge (Dry sludge):	as manure for gardening
	Others if any:	Sale to cement/ brick manufacturing
Area requirement:	Location(s):	location is on layout map
	Area for the storage of waste & other material:	22.6 acre
	Area for machinery:	67200 m2 Processing area
Budgetary allocation (Capital cost and O&M cost):	Capital cost:	200 CRORE
	O & M cost:	-

37.Effluent Charecterestics

Serial Number	Parameters	Unit	Inlet Effluent Charecterestics	Outlet Effluent Charecterestics	Effluent discharge standards (MPCB)
1	PH	-	6.6	7.3	5.5-9.0
2	OIL AND GREASE	MG/L	10	<0.1	MAX 10
3	BOD	MG/L	1117	14	MAX 100
4	TDS	MG/L	1130	260	MAX 2100
5	SUSPENDED SOLID	MG/L	572	11	MAX 100
6	COD	MG/L	3192	40	MAX 250
7	CHLORIDE	MG/L	15	11.8	MAX 600
Amount of effluent generation (CMD):		65			
Capacity of the ETP:		85 & 20			
Amount of treated effluent recycled :		101			
Amount of water send to the CETP:		NOT APPLICABLE			
Membership of CETP (if require):		Already member of CETP			
Note on ETP technology to be used		as per PFR and Annexure of form 1			
Disposal of the ETP sludge		packed in bags and sent to CHW-TSDF Site at MIDC, Taloja.			

38.Hazardous Waste Details

Serial Number	Description	Cat	UOM	Existing	Proposed	Total	Method of Disposal
1	Chemical sludge from waste water treatment	35.3	MTPA	0.23	1	1.23	CHWTSDF site
2	Used Oil/Spent oil	5.1	MTPA	0.45	2	2.45	Sale to authorised recycler
3	Spent Solvent	20.2 21.2	MTPA	75.68	336	411.68	Recycling In-house
4	Process waste, residue, sludge	20.3 21.2	MTPA	22.7	100.8	123.5	CHWTSDF site
5	Discarded container/drum/liner	33.1	MTPA	0.54	2.4	2.94	CHWTSDF site



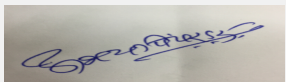
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6	Bag Filter and Dust collector Residue	35.1	MTPA	9.46	42	51.46	CHWTSDF site
39.Stacks emission Details							
Serial Number	Section & units	Fuel Used with Quantity	Stack No.	Height from ground level (m)	Internal diameter (m)	Temp. of Exhaust Gases	
1	DG SET	HSD 1200 KVA	3	30	400	<100 deg C	
2	DG SET	HSD 180 KVA	2	30	400	<100 deg C	
3	DG SET	HSD 1250 KVA	2	30	400	<100 deg C	
4	STEAM BOILER	850 KG/HR	4	30	400	<100 deg C	
5	THERMIC FLUID HEATER	20 LAC KCAL/HR	1	3.5	700	<100 deg C	
6	THERMIC FLUID HEATER	15 LAC KCAL/HR	1	3.6	700	<100 deg C	
40.Details of Fuel to be used							
Serial Number	Type of Fuel	Existing	Proposed		Total		
1	HSD FOR BOILER (LT/HR)	29	140.24		169.24		
2	HSD FOR DG SET (LT/HR)	145	145		290		
3	HSD FOR THERMIC FLUID HEATER (LT/HR)	-	328		328		
41.Source of Fuel		HSD:HPCL, Loni Depot; Vendor Not Finalized					
42.Mode of Transportation of fuel to site		by road tankers, trucks					
43.Green Belt Development							
		Total RG area :	22285 m2				
		No of trees to be cut :	NIL				
		Number of trees to be planted :	2475				
		List of proposed native trees :	0				
		Timeline for completion of plantation :	5 YEARS				
44.Number and list of trees species to be planted in the ground							
Serial Number	Name of the plant	Common Name	Quantity		Characteristics & ecological importance		
1	WILL BE GIVEN IN EIA	NOT APPLICABLE	NOT APPLICABLE		NOT APPLICABLE		
45.Total quantity of plants on ground							
46.Number and list of shrubs and bushes species to be planted in the podium RG:							
Serial Number	Name	C/C Distance		Area m2			
1	WILL BE GIVEN IN EIA	NOT APPLICABLE		NOT APPLICABLE			
47.Energy							


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Power requirement:	Source of power supply :	Maharashtra Electricity Supply Board (MESB)
	During Construction Phase: (Demand Load)	NIL
	DG set as Power back-up during construction phase	NOT APPLICABLE
	During Operation phase (Connected load):	9067 KVA
	During Operation phase (Demand load):	1350 KVA
	Transformer:	1600 KVA 02 nos
	DG set as Power back-up during operation phase:	The DG sets (1250 KVA - 2, 180 KVA 1, .) are available in plant as a backup source in case of power failure
	Fuel used:	HSD
	Details of high tension line passing through the plot if any:	NO

48. Energy saving by non-conventional method:

-

49. Detail calculations & % of saving:

Serial Number	Energy Conservation Measures	Saving %
1	-	NOT APPLICABLE

50. Details of pollution control Systems

Source	Existing pollution control system	Proposed to be installed
AIR	Wet scrubber, Carbon filter, Dust collector, Stack with adequate height	not required
Water	ETP, STP	adequate size of ETP and STP for additional pollution load
NOISE	Acaoustic Enclosures	No additional DG sets
SOLID WASTE	Membership with CHW-TSDF, Taloja	will be covered in same the membership

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

51. Environmental Management plan Budgetary Allocation

a) Construction phase (with Break-up):

Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)
1	-	NOT APPLICABLE	NOT APPLICABLE

b) Operation Phase (with Break-up):

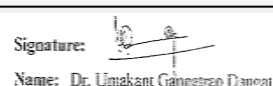
Serial Number	Component	Description	Capital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)
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1	AIR	Installation of two new stacks of height 30 m for boilers	30.00	-
2	AIR	Installation of Existing air pollution equipment	119.00	0
3	AIR	Existing flue gas and process stacks	92.00	0
4	Water Pollution Control	existing ETP & STP -	-	6.20

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

Description	Status	Location	Storage Capacity in MT	Maximum Quantity of Storage at any point of time in MT	Consumption / Month in MT	Source of Supply	Means of transportation
Liquid paint (solvent based)	Liquid	R.M.storage within plant premises	Container 1lt, 4lt, 10lt, 20lt, 200lt	2000 kl	-	supplier from various part of India	Drum & barrel
Resin (intermediate for captive consumption)	Resin	R.M.storage within plant premises	Medium Storage Tank	-	-	supplier from various part of India	STORAGE TANK
Solid color (Powder Coating)	solid	R.M.storage within plant premises	Box 10kg, 15kg, 20kg	250 MT	-	supplier from various part of India	BOX

52.Any Other Information

No Information Available

53.Traffic Management

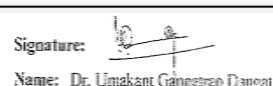
Nos. of the junction to the main road & design of confluence:	NOT APPLICABLE
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Parking details:	Number and area of basement:	Not applicable
	Number and area of podia:	Not applicable
	Total Parking area:	as per MIDC norms, 112 m2,
	Area per car:	Not applicable
	Area per car:	Not applicable
	Number of 2-Wheelers as approved by competent authority:	Not applicable
	Number of 4-Wheelers as approved by competent authority:	Not applicable
	Public Transport:	Not applicable
	Width of all Internal roads (m):	8M
	CRZ/ RRZ clearance obtain, if any:	Not applicable
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	Not applicable
	Category as per schedule of EIA Notification sheet	5 (H) B
	Court cases pending if any	Not applicable
	Other Relevant Informations	Not applicable
	Have you previously submitted Application online on MOEF Website.	Yes
	Date of online submission	25-06-2019

SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS

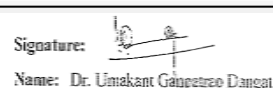
Environmental Impacts of the project	Not Applicable
Water Budget	Not Applicable
Waste Water Treatment	Not Applicable
Drainage pattern of the project	Not Applicable
Ground water parameters	Not Applicable
Solid Waste Management	Not Applicable



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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	

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3592 (Berger Paint)

Brief Information of the project:

The proposal was earlier considered in the 168th B meeting of SEAC-1 held on 20th Sept. 2019 wherein ToR was granted to the PP for the preparation of EIA /EMP report along with following additional ToR points.

- 1) PP to submit certificate of incorporation of the company, list of directors and memorandum of articles.
- 2) PP to submit lay out plan showing internal roads with minimum six meter width and nine meter turning radius, entry/exit gates provision of cul-de-sac at dead ends of the internal roads if any, 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 submit plan layout showing contour levels, storm water drain lines and location of rain water harvesting facilities along with calculations. PP to consider 125 mm rain intensity in Mumbai / Konkan area and 100 mm in rest of the Maharashtra area for the purpose of calculations.
- 4) PP to submit an undertaking for not violating any requirements of EIA Notification, 2006 amended from time to time.
- 5) PP to carry out life cycle analysis of all the products manufactured on site with respect to the acidification potential, eutrophication potential, green house and ozone depletion potential etc and proposed mitigation measures to reduce the identified potentials.
- 6) PP to include detailed product wise 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 details of effluent treatment plant and copy of CETP permission to discharge treated effluent to the CETP in the EIA report. PP to submit water bills of last six months.
- 8) PP to prepare the Legal Register with respect to compliance of various Acts , Rules and Regulations applicable to the manufacturing activities.
- 9) PP to carry out HAZOP and QRA and submit disaster management plan.
- 10) PP to include details of generation and disposal of hazardous waste including by products as per Hazardous and other waste (Management and Trans boundary Movement) Rules, 2016 in the EIA report.
- 11) PP to submit structural stability certificate of existing building with respect to the proposed expansion.
- 12) PP to submit technical note on how proposed expansion will be accommodated in the existing manufacturing plant along with equipment layout, spaces required for storage of raw materials and finished products etc.
- 13) PP to include water and carbon foot print monitoring in the EMP.
- 14) PP to submit hazardous chemical handling protocol
- 15) PP to use new and renewable energy for illumination of office buildings, street lights, parking areas and maintain the same regularly. PP to provide lightening arrestor.
- 16) PP to ensure that, the uniform information is given in the Form-I/II, EIA/EMP report, and presentation and consolidated

Now, PP submitted EIA/EMP report for appraisal.

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DECISION OF SEAC

After detailed deliberations with the PP and their accredited consultant, SEAC-1 decided to defer the proposal till PP submits compliance of following points,

Specific Conditions by SEAC:

- 1) PP to submit revised layout showing 33% green belt area, internal road identification with its width and turning radius, area statement etc.
- 2) PP to submit contour plan showing contour levels, internal road network, drainage network and drain cross sections with calculations.
- 3) PP to submit design details of Zero Liquid Discharge Effluent Treatment Plant. PP to ensure that, no drop of treated effluent is discharged in the soil.
- 4) PP to prepare and submit detailed management plan as per the Guidelines for restoration of manufacturing industries after lockdown period issued by Ministry of Home Affairs, National Disaster Management Authority on 09.05.2020.
- 5) PP to submit undertaking for implementation of all recommendations of HAZOP and Risk Assessment.
- 6) PP to submit copy of construction management plan including demolition plan w.r.t to the construction worker management in the pandemic situation, provision of safe shelter, cooking arrangement, sanitation, drinking water, transport, provision of PPE etc. PP to obtain requisite permission from the Competent Authority before starting construction activity on site.
- 7) PP to submit copy of certified compliance for existing Consent to Operate to be obtained from MPCB.
- 8) PP to submit revised structural stability certificate of existing building with its age and load bearing capacity with respect to the proposed expansion
- 9) PP to submit revised EMP with item wise costs of all environmental parameters..
- 10) PP to submit detailed report along with layout and area drawings on adequacy of space for storage of raw materials and finished product after expansion.
- 11) PP to submit details of use of various raw materials containing heavy metals along with its quantities and mitigation measures proposed to ensure the concentration of all these heavy metals are within prescribed limits in the final product and effluent. PP to refer Notification issued by MoEF&CC dated 28.12.2008.
- 12) PP to submit certified compliance of earlier Environmental Clearance to be obtained from the Regional Office of MoEF&CC, Nagpur.
- 13) PP to submit certified compliance of Consent to Operate to be obtained from the Maharashtra Pollution Control Board.
- 14) PP to submit plan to provide social and environmental infrastructure taking into consideration of the pilgrim location of Jejuri in consultation with the District authority.

FINAL RECOMMENDATION

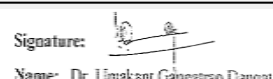
SEAC-I decided to defer the proposal. Kindly find SEAC decision above.



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