

Minutes of 26th meeting of Expert Appraisal Committee held on 27-28 July, 2017 for appraisal of projects related to Industry-II at Ministry of Environment, Forest and Climate Change, Indira Paryavaran Bhawan, Jor Bagh Road, New Delhi

Day 1: 27th July, 2017

- 1. Opening remarks of the Chairman**
- 2. Confirmation of the minutes of the 25th meeting held on 5-7 July, 2017 at N Delhi**

The EAC, having taken note that no comments were offered on the minutes of its 25th meeting held on 5-7 July, 2017 at New Delhi, confirmed the same.

3. Consideration of proposals

26.3.1	<p>Expansion of Cosmeceutical, Active Pharmaceuticals, Specialty Chemicals and Biotech Products manufacturing at Hassan (Karnataka) by M/s Kumar Organic Products Limited - For EC</p> <p>[A/KA/IND2/64711/2016, IA-J-11011/353/2017-IA-II(I)]</p>
26.3.1.1	<p>The project proponent and their accredited consultant M/s Hubert Enviro Care Systems (P) Ltd, gave a detailed presentation on the salient features of the project and informed the following:-</p> <ol style="list-style-type: none"> i. The proposal is for “Expansion of Cosmeceutical, Active Pharmaceuticals, Specialty Chemicals and Biotech Products manufacturing at Hassan (Karnataka) by M/s Kumar Organic Products Limited. ii. All Synthetic Organic Chemicals Industry located in a notified industrial area/estate are listed at S.N. 5(f) of Schedule of Environmental Impact Assessment (EIA) Notification under Category ‘B’. However, due to non functioning of SEIAA, Karnataka, the project has been considered under category ‘B’ and appraised at Central level by Expert Appraisal Committee (EAC). iii. The PP had earlier obtained EC vide letter No. SEIAA:102:IND:2008 dated 18th March 2011. iv. Existing land area is 25 acre, and no additional land is not required for the proposed expansion. v. Industry has already developed greenbelt in an area of 33% i.e., 8.25 Acres out of 25 Acre of area of the project, and will improve the Greenbelt by planting more number of trees. vi. The estimated project cost is Rs. 25 Crores including existing investment of Rs 5 Crores. Total capital cost earmarked towards environmental pollution control measures is Rs 1.6 Crores and the recurring cost (operation and maintenance) will be about Rs11.2 Lakhs/Annum. vii. Total Employment will be for 103 persons as direct & 110 contract persons as indirect after expansion. Industry proposes to allocate Rs 62.5 Lakhs @ of 2.5 % towards Corporate Social Responsibility.

- viii. No National parks, Wildlife sanctuaries, Biosphere reserves, Tiger/Elephant reserves, Wildlife corridors etc. lies within 10 km distance. Yagachi river (7.45 Km, W), Hemavathi river (14.9 Km, SSE) & Hemavati reservoir (13.26 Km, SW) are located within 10 km distance from the project site.
- ix. Ambient air quality monitoring was carried out at 8 locations during September – November, 2016 and the baseline data indicates the ranges of concentrations as: PM₁₀ (42.7– 58.7µg/m³), PM_{2.5} (18.4 - 26.3 µg/m³), SO₂ (10.2 - 16.6 µg/m³) and NO₂ (15.5 – 24.3 µg/m³). AAQ modelling study for point source emissions indicates that the maximum incremental GLCs after the proposed project would be 0.35 µg/m³, 1.92 µg/m³ and 2.19 µg/m³ with respect to PM₁₀, SO_x and NO_x. The resultant concentrations are within the National Ambient Air Quality Standards (NAAQS).
- x. Total existing water requirement is 365 m³/day of which fresh water requirement of 103 m³/day will be met from KIADB.
- xi. Effluent of 262 m³/day will be treated through ETP&MEE. Plant will be based on Zero Liquid discharge system.
- xii. Power requirement after expansion will be 1000 KVA including existing 500 KVA and will be met from CHESCOM. Existing unit has 1 DG sets of 500 KVA capacity (used during power failure). Stack (height11m AGL) will be provided as per CPCB norms to the proposed DG sets of 1x500 KVA (standby during power failure) in addition to the existing DG sets.
- xiii. Existing unit has 4 TPH briquettes fired boiler. Multi cyclone separator/ bag filter with a stack of height of 35 m AGL will be installed for controlling the particulate emissions (within statutory limit of 115 mg/Nm³) for proposed 8 TPH briquettes fired boiler.
- xiv. Total municipal solid waste generated during the construction phase will be 15 Kg/day for total 30 Nos manpower. Total municipal solid waste generated during the operation phase will be 106.5 Kg/day for total 213 employees. The hazardous waste management are as under:-

Waste Category	Hazardous waste Generated	Quantity			Method of handling
		Existing	Additional	Total Proposed	
5.1	Used Oil (KL/M)	0.3	0.3	0.6	Collected in leak proof containers and disposed only to KSPCB registered Authorized Re-processor
28.1	Organic Residue (Kg /M)	4610	2380	6990	Collected in carboys and stored in Hazardous waste storage area and handed over to KSPCB Authorized incinerator.
33.1	MS Drums (MTA)	30	60	90	Stored in secure manner and handed over to KSPCB
34.3	HDPE Used	0.2	0.4	0.6	

	Liners (MTA)				Authorized recycler
35.3	ETP Sludge/Chemical sludge from clarifier and evaporator (MTA)	2525.8	4124.5	6650.3	Collected in polythene bags and stored in Hazardous waste storage area. and handed over to KSPCB Authorized TSDF

xv. Public hearing is exempted as per para 7(i) III Stage (3)(i)(b) of EIA Notification, 2006 for preparation of EIA/EMP Report, as the site is located in the notified industrial area.

xvi. Certified compliance report from RO, MoEF&CC was submitted.

xvii. Following are the list of existing and proposed products:

S. No	Existing		Proposed		Total (Existing+ Proposed)	
	Products Name	Capacity (TPA)	Products Name	Capacity (TPA)	Products Name	Capacity (TPA)
1	Zinc Pyrithione	1200	PCMX USP	900	Zinc Pyrithione	1200
2	Copper Pyrithione	300	PCMX IP	2000	Copper Pyrithione	300
3	Caregeenan	1000	Hyaluronic Acid	6	Caregeenan	1000
4	Synovia HR	24	Pullulan	60	Synovia HR	24
5	Sytenol A	12	Koptrizon	24	Sytenol A	12
6	Ascorbyl Palmiate	40	Kopcotrizenol	4	Ascorbyl Palmiate	40
7	Triclosan	90	Kopcerene	40	Triclosan	90
8	Kopirox	36	K Firm	60	Kopirox	36
9					PCMX USP	900
10					PCMX IP	2000
11					Hyaluronic Acid	6
12					Pullulan	60
13					Koptrizon	24
14					Kopcotrizenol	4
15					Kopcerene	40
16					K Firm	60
	Total	2702	Total	3094	Total	5796

26.3.1.2

During deliberations on the proposal, the EAC noted the following:-

(i) The organic chemical manufacturing unit with the present capacity of 2702 TPA of M/s Kumar Organics Products Ltd, at the existing premises of a total area of 25

	<p>acres at Plot No.94 (P), 103 & 104, KIADB industrial area, District Hassan (Karnataka) was earlier accorded EC by SEIAA on 18th March, 2011 stipulating certain terms and conditions for environmental safeguards.</p> <p>(ii) The ToR for the expansion project involving increase in production capacity from 2702 TPA to 5796 TPA was granted by SEIAA vide letter dated 24th September, 2016 with the exemption from public hearing due to being located in notified industrial area under the administrative control of KIADB.</p> <p>(iii) The project/activity is covered under category B of item 5 (f) of the Schedule to the EIA Notification, 2006. However, due to SEIAA not in existence in this State, the project was considered at the Central level.</p> <p>(iv) The Regional Office of the Ministry at Bengaluru carried out the site visit on 8th June, 2017 for monitoring compliance status of the EC conditions. The Committee observed that many of the EC conditions are not complied with.</p>
<p>26.3.1.3</p>	<p><i>The Committee, after detailed deliberations, insisted for true compliance of the EC conditions and not to take the proposal forward till the firm action plan for corrective actions, is submitted by the project proponent to the Regional Office and the same is forwarded to this Ministry after their endorsement. The proposal was, therefore, deferred.</i></p>
<p>26.3.2</p>	<p>Expansion of 'Carbon black, Coal tar pitch, Naphthalene, Sulfonated Naphthalene Formaldehyde (SNF)/Dispersion Agent, Poly Carboxylate Ether, Heavy and Light Creosote Oil, Tail Gas' at JL No.103, Mouza & Village Mahiskry, District Hooghly (WB) by M/s Himadri Chemicals & Industries Ltd - For EC</p> <p>[IA/WB/IND2/65256/2015, J-11011/182/2015-IA II (I)]</p>

26.3.2.1

The project proponent and the accredited consultant M/s Hubert Enviro Care Systems (P) Ltd, Chennai, has made a detailed presentation on the proposal and informed the following:-

- i. The proposal is for expansion of 'Carbon black, Coal tar pitch, Naphthalene, Sulfonated Naphthalene Formaldehyde (SNF)/Dispersion Agent, Poly Carboxylate Ether, Heavy and Light Creosote Oil, Tail Gas' at JL No.103, Mouza & Village Mahiskry, District Hooghly (West Bengal) by M/s Himadri Chemicals & Industries Ltd.
- ii. The ToR letter was issued vide Ministry's letter no.J-11011/182/ 2015-IA II (I) dated 7th September, 2015 and amended vide letter dated 2nd February, 2016.
- iii. The proposal is classified under Schedule 4b(ii), 5(e) and 5(f) of Environmental Impact Assessment (EIA) Notification no 1331 dated 25th June 2014, under category 'A' and are appraised at Central Level by Expert Appraisal Committee (EAC).
- iv. The existing plant was set up before Ministry's notification no-1331 dated 25th June 2014, as such EC was not required. However as per direction of Hon'ble NGT, application for post facto EC for the existing plant is submitted.
- v. Ministry had issued EC earlier vide letter no. EN/2060/T-II-I/059/08, dated 19th September 2008 for 12 MW Captive Power Plant in favour of M/s Himadri Chemicals & Industries Limited.
- vi. Presently existing total land area is 142393 sqm. Total coverage area after the proposed expansion will be 96090.7 sqm. No additional land will be required.
- vii. Industry has already developed Greenbelt in an area of 30% i.e.42718 sqm. After expansion, green belt will be 32.23% i.e. 45902.3 sqm out of 142393 Sq.m area of the project.
- viii. The estimated project cost is Rs.400 Crores. Total capital cost earmarked towards environmental pollution control measures is Rs.21.9 Cr and the Recurring cost (operation and maintenance) will be about Rs. 0.6 Cr/annum.
- ix. Total employment will be for 2000 persons as direct & 1500 persons indirect after expansion. Industry proposes to allocate Rs. 10.0 Crore (2018 – 2023) @ of 2.5 % towards Corporate Social Responsibility.
- x. No National parks, Wildlife sanctuaries, Biosphere reserves, Tiger/Elephant reserves, Wildlife corridors etc. lies within 10 km distance. Ghiya River (700 m) and DVC Canal (7.27 km) are within 10 km distance from the project site.
- xi. Ambient air quality monitoring was carried out at 8 locations during October 2015 to January 2016 and the baseline data indicates the ranges of concentrations as: PM10 (68-92 µg/m³), PM2.5 (39-51µg/m³), SO₂ (5.4-15 µg/m³) and NO₂ (6.8-41 µg/m³). AAQ modeling study for point source emissions indicates that the maximum incremental GLCs after the proposed project would be 92.3 µg/m³,15.5 µg/m³ and 41.5 µg/m³ with respect to PM10, SO_x and NO_x. The resultant concentrations are within the National Ambient Air

Quality Standards (NAAQS).

- xii. Total existing water requirement is 1748 cum/day (1268 m³/day from ground and 480 m³/day recycled). After expansion, total requirement will be 2681 m³/day (1968 m³/day from ground and 713 m³/day will be recycled) and will be met from the existing bore well. The PP is having approval for drawing 3600 m³/day of raw water.
- xiii. Treated effluent of 31 m³/day is treated through CETP will be reused in Carbon black Quenching process. Plant will be based on zero liquid discharge system.
- xiv. Total power requirement after expansion will be 12.5 MW/Hr including existing 8 MW/Hr and will be met from onsite tail gas based cogeneration power plant. There shall be tail gas based Co-Generation Plants with an output of 12 +8+ 8 MW. (Total 28 MW). After captive consumption, Balance power available shall be exported /sold to WBSEDCL. Existing unit has 6 no DG sets of capacity- 4 x725 KVA, 1x365 KVA & 1x1010 KVA. These DG sets will be used only during power failure. Stacks height 10.6 m are provided as per CPCB norms.
- xv. Existing unit has 2x40 TPH tail gas fired Boiler with PCME and a stack of height of 73 m is already installed (Within statutory limit of 115 mg/Nm³). For proposed expansion 1x 40 TPH tail gas fired boiler will be installed.
- xvi. Details of process emissions generation and its management are as under:-
Existing Air Pollution Control measures

Stack ID	Location	Shape of Stack	Capacity	Height of Stack from G.L. (Meter)	Stack I.D. at sampling point (Meter)	Height of sampling Port from G.L. (Meter)	Fuel consumed	Pollution Equipments
CARBON BLACK DIVISION								
2	C.P.P. Boiler	Circular	2X40 MT/hr	73	3	24	Tail Gas	PCME
S-1	CBD Drier Line - I	Circular	160 MT/Day	54	1.8	14.4	Tail Gas	OPACITY METER
3	CBD Drier Line - II	Circular	200 MT/Day	54	1.8	14.4	Tail Gas	OPACITY METER
COAL TAR DIVISION								
S-1	NDU -2 Heaters	Circular	20,00,000 KCAL/HR	43	0.85	11.25	CBFS/Petroleum Based FO/LSF/	SCRUBBER, VACUUM SYSTEM &

			(x 2 nos)				HSD/Producer gas	OPACITY METER
S-2	Main Shed- 5 Heaters	Circular	10,00,000 Kcal/hour (x 5nos)	33	0.85	11.25	CBFS/Petroleum Based FO/LSF/HSD/Producer Gas	SCRUBBER, VACUUM SYSTEM & OPACITY METER
S-3	PM Shed	Circular	T.F.H - 10,00,000 kcal/hour(x2 nos)	31	0.85	11.25	CBFS/Petroleum Based FO/LSF/HSD/Producer Gas	SCRUBBER & OPACITY METER
S-4	TP 10 (1 & 2) attached to common stack with 2 nos fired heaters NEAR VACUUM SHED	Circular	10,00,000 Kcal/hour	33	0.85	7.62	CBFS/Petroleum Based FO/LSF/HSD / Producer Gas	SCRUBBER, VACUUM SYSTEM & OPACITY METER
S-5	Naphthalene Plant	Circular	T.F.H - 10,00,000 Kcal/hour (x 4 Nos.)	33	0.85	6.8	CBFS/Petroleum Based FO/LSF/HSD	SCRUBBER, VACUUM SYSTEM & OPACITY METER
DG	DG(2 Nos)	Circular	725 Kva	10.6	-	0.203	HSD	-
DG	DG(2 Nos)	Circular	725 Kva	10.6	-	0.203	HSD	-

Proposed Air Pollution Control measures

Stack ID	Location	Shape of Stack	Capacity	Height of Stack from G.L. (m)	Stack I.D. at sampling point (m)	Height of Sampling Port from G.L.	Fuel consumed	Pollution Equipments
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						(m)		
CARBON BLACK DIVISION								
S-2	CBD Drier Line-III	Circular	160 MT/day	54	1.8	14.4	Tail Gas	OPACITY METER
4	CPP Boiler	Circular	40 MT/hr	73	3	24	Tail Gas	PCME
COAL TAR UNIT								
S-6	Fire Heater – 2 nos	Circular	2 million kcal/hr	33	0.85	7.6	CBFS/Petroleum Based FO/LSF/HSD/Producer Gas	SCRUBBER, VACUUM SYSTEM & OPACITY METER
NAPHTHALENE UNIT								
S-7	TF Heater – 2 nos	Circular	2 million kcal/hr	43	0.85	11.25	CBFS/Petroleum Based FO/LSF/HSD/Producer Gas	SCRUBBER, VACUUM SYSTEM & OPACITY METER

xvii. Details of Solid waste/ Hazardous waste generation and its management are as under:-

Hazardous Solid Waste Generation

Type of Waste	Existing Rate of Generation	Proposed Rate of Generation
ETP Sludge	1.5 MT PA	2.0 MT PA
OIL JUTE, SOAKED SAND	0.700 MT PA	0.700 MT PA
EMPTY BAG/CONTAINER	0.500 MT PA	0.700 MT PA
USED OIL	0.840 KL PA	1.0 KL PA

xviii. Arrangement with TSDF (Ramky-authorized agency of SPCB) for disposal of all hazardous solid waste has been made and Hazardous waste authorization from WBPCB is also obtained for the disposal of waste generated from existing operation of the entire chemical complex.

xix. Public Hearing for the proposed project has been conducted by the West Bengal Pollution Control Board on 12.11.2016.

xx. The Compliance report of Eastern Regional office, Bhubaneswar dated

01.06.2017 has been submitted.

xxi. There is no litigation pending against the proposal. However, there was a case in relation to applicability of EC before National Green Tribunal which has been settled in favor of PP. Original Application No. 77/2014 Subhas Dutta Vs Himadri Chemicals, MOEF & CC & others and Original Application No. 109/2014 Mahistikry Paribesh Jivan O Krishi Kalyan Mancha & Other Vs Himadri Chemicals, MOEF & CC& others. This was settled in favor of Himadri Chemicals and Industries Ltd.

xxii. The existing and proposed units associated with the project are as under:-

S. No	Products	Existing Quantity as per CTO valid till August 31, 2018	Proposed Quantity after expansion
1	Carbon Black	1,20,003.96 MTPA	1,80,000 MTPA
2	Coal tar Pitch (Binder/Impregnating/Liquid/Solid/Mesophase/HSC P/carbonized pitch)	1,87,050 MTPA	3,00,000 MTPA
3	Naphthalene	21,999.96 MTPA	48,000 MTPA
4	SNF/Dispersion Agent Phenol Based	50,000.04 MTPA	90,000 MTPA
5	Poly Carboxylate Ether (PCE)	-	30,000 MTPA
6	Heavy and light Creosote oil	1,12,950 MTPA	2,52,000 MTPA
7	Tail Gas	5,65,200 Nm ³ /Annum (for 69996 TPA of Carbon Black)	120,00,00,000 Nm ³ /Annum (for 1,80,000 TPA of Carbon Black)
8	Tail Gas	37,50,30,000 NM ³ /Annum (for 50004 TPM of Carbon Black)	
9	Power plant	20 MW	28 MW

26.3.2.2

During deliberations on the proposal, the EAC noted the following:-

(i) The earlier environmental clearance for 12 MW Captive Power Plant was granted on 19th September, 2008 by the SEIAA in favor of M/s Himadri Chemicals & Industries Ltd, for their Carbon Black manufacturing project in a total area of 142393 sqm at J L No.103, Mouza & village, Mahisikry, Taluka Harpal, District Hooghly (West Bengal), stipulating certain terms and conditions for environmental safeguards.

(ii) Different products being manufactured within the plant namely, Carbon Black, Coal tar pitch, Naphthalene, Sulfonated Naphthalene Formaldehyde (SNF), Heavy and Light Creosote Oil and Tail Gas, were not covered under the original EIA Notification, 2006, and as such no prior EC was obtained for the same.

	<p>(iii) The project/activity was brought under the ambit of the EIA Notification, 2006 vide amendment dated 25th June, 2014 in the Principal Notification, and now covered under category A of item 4 (b), 5 (e) and 5 (f) of the Schedule to the said Notification.</p> <p>(iv) The ToR for the proposed increase in production of Carbon Black, Coal Tar Pitch, Naphthalene, Sulfonated Naphthalene Formaldehyde/Dispersion Agent Phenol Based/PCE, Heavy and Light Creosote Oil, Tail Gas' was granted by the Ministry vide letter dated 7th September, 2015. As per the conditions specified in the ToR, public hearing was conducted on 12th November, 2016.</p> <p>(v) In the Civil Appeal No.9220 of 2016 in the matter of 'Mohistikari Paribesh Jivan O Krishi Kalyan Mancha and Anr Vs MoEF&CC and Ors' against the order of the NGT (EZ) in OA No.77/2014 & 109/2014, Hon'ble Supreme Court of India vide order dated 30th September, 2016 has upheld the orders of Hon'ble NGT. Hon'ble Court has further made it clear that neither the order passed by the Tribunal nor the present order shall prevent anyone aggrieved of any pollution allegedly caused by the unit from complaining to the Tribunal or seeking redress nor shall the said orders come in the way of Tribunal in examining any such allegation on its merit and passing appropriate orders.</p> <p>(vi) Total water requirement will be increased from 1748 cum/day to 2681 cum/day after the expansion. Out of it, 1968 cum/day shall be met through ground water and 713 cum/day shall be the recycled water.</p> <p>(vii) The Regional Office of the Ministry has carried out the site visit for monitoring compliance status of the EC conditions and forwarded their report on 1st June, 2017. The Committee observed that many of the EC conditions have been complied with.</p>
<p>26.3.2.3</p>	<p><i>The EAC, after deliberations on the proposal, submissions made by the project proponent and the EC compliance report, recommended the project for grant of environmental clearance, subject to compliance of specific conditions as under:-</i></p> <ul style="list-style-type: none"> • <i>Consent to Establish/Operate for the project shall be obtained from the State Pollution Control Board as required under the Air (Prevention and Control of Pollution) Act, 1981 and the Water (Prevention and Control of Pollution) Act, 1974.</i> • <i>As already committed by the project proponent, Zero Liquid Discharge shall be ensured and no waste/treated water shall be discharged outside the premises. The effluent discharge, if any, shall conform to the standards prescribed under the Environment (Protection) Rules, 1986.</i> • <i>Necessary authorization required under the Hazardous and Other Wastes (Management and Trans-Boundary Movement) Rules, 2016, Solid Waste Management Rules, 2016 shall be obtained and the provisions contained in the Rules shall be strictly adhered to. Prior permission from the WBSPCB shall be obtained for disposal of solid/hazardous waste in the TSDF.</i> • <i>National Emission Standards for Organic Chemicals Manufacturing Industry issued by the Ministry vide G.S.R. 608(E) dated 21st July, 2010 and amended time to time shall be followed by the unit.</i> • <i>Multi-cyclone followed by bag filter shall be provided to the coal fired boiler to control particulate emissions within the permissible limit. The gaseous emissions shall be dispersed through stack of adequate height as per CPCB/SPCB</i>

guidelines, and at no point of time, the emission levels shall go beyond the prescribed standards.

- Solvent management shall be carried out as follows :
 - (a) Reactor shall be connected to chilled brine condenser system.
 - (b) Reactor and solvent handling pump shall have mechanical seals to prevent leakages.
 - (c) The condensers shall be provided with sufficient HTA and residence time so as to achieve more than 95% recovery.
 - (d) Solvents shall be stored in a separate space specified with all safety measures.
 - (e) Proper earthing shall be provided in all the electrical equipment wherever solvent handling is done.
 - (f) Entire plant shall be flame proof. The solvent storage tanks shall be provided with breather valve to prevent losses.
 - (g) All the solvent storage tanks shall be connected with vent condensers with chilled brine circulation.
- Total ground water requirement shall not exceed 1968 m³/day and prior permission for the same shall be obtained from the concerned regulatory authority/CGWA.
- Industrial/trade effluent shall be segregated into High COD/TDS and Low COD/TDS effluent streams. High TDS/COD shall be passed through stripper followed by MEE and ATFD (agitated thin film drier). Low TDS effluent stream shall be treated in ETP and then passed through RO system. Condensate and recover water will be recycled/reused within factory premises.
- Process effluent/any wastewater shall not be allowed to mix with storm water. Storm water drain shall be passed through guard pond.
- Hazardous chemicals shall be stored in tanks, tank farms, drums, carboys etc. Flame arresters shall be provided on tank farm. Solvent transfer shall be by pumps.
- Process organic residue and spent carbon shall be sent to cement industries. ETP sludge, process inorganic & evaporation salt shall be disposed off to the TSDF. The ash from boiler shall be sold to brick manufacturers/cement industry.
- The Company shall strictly comply with the rules and guidelines under Manufacture, Storage and Import of Hazardous Chemicals (MSIHC) Rules, 1989 as amended time to time. All Transportation of Hazardous Chemicals shall be as per the Motor Vehicle Act (MVA), 1989.
- Fly ash should be stored separately as per CPCB guidelines so that it should not adversely affect the air quality, becoming air borne by wind or water regime during rainy season by flowing along with the storm water. Direct exposure of workers to fly ash & dust should be avoided.
- The company shall undertake waste minimization measures as below:-
 - (a) Metering and control of quantities of active ingredients to minimize waste.
 - (b) Reuse of by-products from the process as raw materials or as raw material substitutes in other processes.
 - (c) Use of automated filling to minimize spillage.
 - (d) Use of Close Feed system into batch reactors.
 - (e) Venting equipment through vapour recovery system.
 - (f) Use of high pressure hoses for equipment clearing to reduce wastewater generation.
- The unit shall make the arrangement for protection of possible fire hazards during manufacturing process in material handling. Fire fighting system shall be as per the norms.

	<ul style="list-style-type: none"> • Occupational health surveillance of the workers shall be done on a regular basis and records maintained as per the Factories Act. • The green belt over 33% of the total project area shall be developed with at least 10 m wide along the project 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. • All the commitment made regarding issues raised during the Public Hearing/consultation meeting held on 12th November, 2016 shall be satisfactorily implemented. • At least 5% of the total project cost shall be allocated for Enterprise Social Commitment based on Public Hearing issues and item-wise details along with time bound action plan shall be prepared and submitted to the Ministry's Regional Office.
<p>26.3.3</p>	<p>Setting up 200,000 KLPA capacity Plant for Paint Manufacturing Facilities at Toranagallu & Musenayakana Halli Villages, District Ballari (Karnataka) by M/s JSW PAINTS PRIVATE LIMITED - For EC</p> <p>[IA/KA/IND2/60157 /2016, J-11011/313 /2016- IA II(I)]</p>
<p>26.3.3.1</p>	<p>The project Proponent and the accredited consultant M/s Kadam Environmental consultants, made a detailed presentation on the salient features of the project and informed that:</p> <ul style="list-style-type: none"> (i). The proposal is for setting up 200,000 KLPA capacity Plant for Paint Manufacturing Facilities at Toranagallu & Musenayakana Halli Villages, District Ballari (Karnataka) by M/s JSW Paints Private Limited. (ii). The ToR was issued by Ministry vide letter dated 28th Feb 2017. (iii). All integrated paint industry are listed at S.N. 5 (h) of Schedule of Environmental Impact Assessment (EIA) Notification, 2006 under category 'B'. However, due to applicability of general condition (located within 5 km distance of protected area), it is considered under Category A and appraised at central level by Expert Appraisal Committee (EAC). (iv). Industry will develop greenbelt in an area of 33 % i.e., 90000 m² out of 271139 m² area of the project. The estimated project cost is Rs.600 Crores. Total capital cost earmarked towards environmental pollution control measures is Rs17 Crores and the Recurring cost (operation and maintenance) will be about Rs.2.5 Crores per annum. (v). Total employment will be 400 persons as direct & 200 persons indirect after expansion. Industry proposes to allocate Rs.15 Crores @2.5 % towards Corporate Social Responsibility. (vi). Daroji Bear Sanctuary, lies within 10 km distance. (vii). Ambient air quality monitoring was carried out at 9 locations during Dec 2016 to Feb 2017 and the baseline data indicates the ranges of concentrations as: PM10 (45.5 – 68.9 µg/m³), PM2.5 (11.7 – 22.6 µg/m³), SO2 (9.9 – 16.7 µg/m³) and NO2 (<10 – 11.5 µg/m³). AAQ modelling study for point source emissions indicates that the maximum incremental GLCs after the proposed project would be 0.059µg/m³, 0.08µg/m³, 0.4 µg/m³ and 2.36µg/m³ with respect to PM10 from flue gas stacks, PM10 from dust collector attached to RM Silos, SOx and NOx. The resultant concentrations are within the National Ambient Air Quality

Standards (NAAQS).

- (viii). Total water requirement is 629 m³/day of which fresh water requirement of 530 m³/day and will be met from existing allocation of JSW Steel Ltd.
- (ix). Treated effluent of 109 m³ will be treated through ETP/STP followed by RO. Plant will be based on Zero Liquid discharge system.
- (x). Power requirement of 5.5MW will be met from JSW Energy Ltd. Additionally 500 KVA DG sets will be used as standby during power failure. Stack (height 30 m) will be provided as per CPCB norms to the proposed DG sets. Proposed for 3TPH mixed fuel (mixed gas/HSD) fired boilers.
- (xi). Details of Solid waste/ Hazardous waste generation and its management:-

S. No.	Waste Description	Generati on Per annum	UoM	Disposal Method
1	Oil contaminated with wash water & sludge	8	MT	Co-processing/Incinerator/TSD F
2	Sludge and filters contaminated with oil	8	MT	Co-processing/Incinerator/TSD F
3	Used / Spent Oil	20	MT	Sale to authorizer recycler
4	Contaminated aromatic, aliphatic or naphthenic solvents, may or may not be fit for reuse	100	MT	Co-processing/ Sale to authorized recyclers/ Incineration at TSDF
5	Distillation Residues	40	MT	Co-Processing/Incinerator/TS DF
6	Process Waste	500	MT	Co-processing/ Sale to authorized recycler/ Incineration/ TSDF
7	Wastes / residues	70	MT	Co-processing/ Sale to authorized recycler/ Incineration/ TSDF
8	Wastes / residues such as filter aids	15	MT	Co-processing/Incineration/TS DF
9	Chemical containing residue arising from decontamination	15	MT	Processing/Incineration/TS DF
10	Discarded containers / barrels /liners contaminated with hazardous wastes / chemicals (Liners)	5	MT	Sale to authorized recycler/Co processing/TSDF
11	Discarded containers / barrels /liners contaminated with hazardous wastes / chemicals (Packing material and sample containers)	30	MT	Sale to authorized recycler/Co processing/TSDF

12	Discarded containers / barrels /liners contaminated with hazardous wastes/chemicals(Barrels/Carboys/Drums/Totes/IBC's)	25000	Num bers	Sale to Authorized vendors
13	Flue gas cleaning residue	2	MT	Incineration at TSDF/ Co-processing/ Secured Landfill at TSDF
14	Spent Ion Exchange Resin containing toxic metals	8	MT	Co-processing/Incineration/ Secured Landfill at TSDF/Authorized recycler
15	Chemical sludge from waste-water treatment (dry basis)	400	MT	Co-processing/Incineration/TS DF
16	Oil and Grease skimming residue	10	MT	Co-processing/Incineration/TS DF
17	Ash from incineration of hazardous waste	50	MT	Co-processing/ Secured Landfill at TSDF
18	Lead Acid Batteries	400	Num bers	Sale back to supplier
19	Spent Carbon	4	MT	Return to supplier for regeneration/ Incineration-In house / Co-processing

(xii). Public Hearing for the proposed project has been conducted by the State Pollution Control Board on 23rd May 2017.

(xiii). The list of proposed products are as under:-

Sl. No	Products	Quantity
1	Water based decorative paint	200000 KLPA
2	Water based emulsion copolymer	40000 TSRPA

26.3.3.2

During deliberations on the proposal, the EAC noted the following:-

(i) The project involves manufacturing of water based decorative paint of 200000 KLPA and 40000 TSRPA (tonnes solid resin per annum) by M/s JSW Paints Pvt Ltd, in a total area of 271139 sqm at villages Toranagallu and Musenayakanahalli, Taluk Sandur, District Ballari (Karnataka).

(ii) The project/activity is covered under category B of item 5 (h) of the Schedule to the EIA Notification, 2006. However, due to applicability of general conditions (within 10 km of Daroji Bear Sanctuary), the project was considered at the Central level.

(iii) ToR for the project was granted by the Ministry vide letter dated 28th February, 2017. Public hearing was conducted on 23rd May, 2017.

(iv) Total water requirement is estimated to be 629 cum/day, of which fresh water requirement of 530 cum/day is proposed to be met from existing allocation of M/s JSW Steel Ltd.

<p>26.3.3.3</p>	<p>The EAC, after deliberations, asked the project proponent for additional information in respect of the following:-</p> <ul style="list-style-type: none"> • Status of Eco-Sensitive Zone around Daroji Bear Sanctuary (whether notified or 10 km radius), and the required wildlife clearance from the Standing Committee of NBWL, • Firm commitment for meeting the water requirement of 629 cum/day. In case of ground water abstraction, permission from the concerned regulatory authority/CGWA, • Water balance, • Details of TSDF for disposal of hazardous waste to be generated from the unit, • Details of the ETP and its adequacy for treatment of the waste water generated to ensure water recycling and the Zero Liquid Discharge. <p>The proposal was deferred for want of information on the above lines.</p>								
<p>26.3.4</p>	<p>Drilling of Exploratory Wells (50 Nos.) in 9 PML blocks in Tripura by M/s ONGC Ltd - For EC</p> <p>[IA/TR/IND2/27359/2015, J-11011/109/2015-IA-II(I)]</p>								
<p>26.3.4.1</p>	<p>The Project Proponent and the accredited Consultant M/s ERM India Pvt., made a detailed presentation on the salient features of the project and informed the following:-</p> <ol style="list-style-type: none"> i. The proposal is for exploratory drilling (50Nos.Locations) at 9 PML Blocks in 5 Districts by M/s ONGC Ltd and located at Tripura. ii. Out of total 50 wells, the project proponent informed to drop 13 locations falling in Forest/ESZ zone due to non-availability of Forest and Wildlife Clearance and seek EC for the remaining 37 locations which are falling in non-forest and non ESZ area. iii. The proponent also requested for consideration of same EIA report and Public Hearing for the rest 13 locations after obtaining Forest and Wildlife Clearances. iv. The TOR has been issued by Ministry vide letter dated 13.07.2015. v. All Offshore and onshore oil and gas exploration, development & production are listed at S.N.1(b) of Schedule of Environmental Impact Assessment (EIA)Notification under category 'A' and are appraised at Central Level by Expert Appraisal Committee (EAC). vi. The estimated project cost is Rs2500/- Crores. Total capital cost earmarked towards environmental pollution control measures is approximately Rs. 15 lakhs and the Recurring cost (operation and maintenance) will be about Rs 13 lakhs per annum. vii. Total Employment will be 30 persons as direct and 45 persons indirect after expansion. viii. Out of 9 PML blocks a part of Sephaijala wildlife sanctuaries lies in Agartala dome Extension II Block, a part of Trishana wildlife sanctuaries lies in West Tripura, Gojalia and Sundalbari-Agartala Dome Block. lies within 10 km distance. River/waterbody within 10 km are as below: <table border="1" data-bbox="284 1800 1513 1982"> <thead> <tr> <th>Sl. No.</th> <th>Name of River</th> <th>Origin and Flow</th> <th>Blocks through which rivers passes</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Khowai</td> <td>Longthrai Range, North- West Flow and then Notherly Vis Khowai town to</td> <td>West Tripura</td> </tr> </tbody> </table>	Sl. No.	Name of River	Origin and Flow	Blocks through which rivers passes	1	Khowai	Longthrai Range, North- West Flow and then Notherly Vis Khowai town to	West Tripura
Sl. No.	Name of River	Origin and Flow	Blocks through which rivers passes						
1	Khowai	Longthrai Range, North- West Flow and then Notherly Vis Khowai town to	West Tripura						

		Bangladesh 70 Km long	
2	Haora	Baramura Range Westward flow via Agartala to Bangladesh	West Tripura
3	Gumti	Longatharai and Aatharamura Range flow westward via Amarpur, Sonamura to Bangladesh	Manikyanagar Sonmura, West Tripura, Sundalbari Gojalia.
4	Muhuri	Deotamura Range, West ward flow via Belonia to Bangladesh	West Tripura
5	Feni	Originated at border by confluence of three streams of which Asalong is the main channel	West Tripura

- ix. Ambient air quality monitoring was carried out at 8 locations during March-May, 2016 and the baseline data indicates the ranges of concentration as: PM₁₀ (44.8-63.0 µg/m³), PM_{2.5} (22.1-32.2 µg/m³), SO₂ (4.5-5.6 µg/m³) and NO₂ (15.6-26.7 µg/m³) respectively. AAQ modelling study for point source emissions indicates that the maximum incremental GLCs after the proposed project would be 0.28 µg/m³, 1.056 µg/m³ and 0.79 µg/m³ with respect to PM₁₀, SO_x and NO_x. The resultant concentrations are within the National Ambient Air Quality Standards (NAAQS).
- x. Total water requirement is 25m³/day of which fresh water requirement of 5 m³/day and will be met from tankers. Effluent of drilling will be treated through mobile ETP.
- xi. Existing unit has 3 DG sets of 720 KW capacity, additionally 1 DG sets are used as standby during power failure. Stack (height 6 m) will be provided as per CPCB norms to the proposed DG sets of 3 in addition to the existing DG sets of 1 which will be used as standby during power failure.
- xii. Details of Process emissions generation and its management are as below:

Emission sources	Stack height (m)	Stack dia. (m)	Stack gas temp. (K)	Stack gas velocity m/s)	Emission Rate (g/s)			
					PM	NO ₂	SO ₂	HC
750 KW DG sets	6	0.3	773	17	0.008	1.3	0.04	0.03
Flaring stack	30	0.5	1273	20	-	0.1496	-	-

- Adequate stack height shall be provided to DG sets in accordance with CPCB standards.
- xiii. It is estimated that nearly about 250-300m³ of drill cuttings and 700 m³ of drilling mud is likely to be generated from each well during drilling operation. HDPE lined impervious pits for storage of drilling cuttings and drilling mud will be used respectively and their disposal in accordance with CPCB Oil & Extraction Industry standard-guideline for Disposal of Soil wastes. Further ONGC committed to use water based mud, the drilling cutting and drilling fluid generated is nonhazardous in nature.
- xiv. Public Hearing for the proposed project has been conducted by the State Pollution Control Board in five districts as under:

Sl..No	District	Date of Public Hearing
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1.	South Tripura	21.10.2016
2.	West Tripura	24.10.2016
3.	Gomati	26.10.2016
4.	Sepahijala	27.10.2016
5.	Khowai	28.10.2016

xv. The coordinates of the wells are as under:-

S. No.	Name of Location	Latitude /Longitude
1	BRMAF	23° 59' 05.684" /91° 32' 24.870"
2	BRMAG	23° 31' 07.737" / 91° 32' 00.569"
3	BRMAH	23° 55' 32.970" / 91° 31' 56.396"
4	BRMAI	23° 46' 54.110" / 91° 29' 18.480"
5	NLBR-3	23° 40' 16.248" / 91° 31' 16.104"
6	NLGO-4	23° 15' 05.40" /91° 33' 11.88"
7	NLBR-5	23° 36' 16.560" / 91° 37' 23.520"
8	NLBR-6	23° 33' 53.23" / 91° 31' 29.03"
9	NLBR-7	23° 40' 58.450" / 91° 29' 38.200"
10	NLBR-9	23° 32' 53.88" / 91° 31' 47.28"
11	NLGO-5	23° 09' 30.600" / 91° 34' 58.080"
12	NLTM-1	23° 20' 48.516" / 91° 43' 45.624"
13	NLTM-6	23° 05' 0.60" / 91° 45' 14.40"
14	NLTM-7	23° 04' 11.280" / 91° 48' 57.240"
15	KUAH	23° 52' 20.050" / 91° 19' 04.990"
16	KUAI	23° 53' 42.950" / 91° 24' 46.050"
17	KUAJ	23° 57' 00.830" /91° 17' 34.000"
18	NLKU-4	23° 50' 38.50" /91° 23' 46.71"
19	NLKU-5	23 53' 29.49" / 91 21' 04.66"
20	NLKU-6	23° 51' 30.25" / 91°20'17.19"
21	NLKU-7	23° 51' 57.410" /91° 15' 26.180"
22	RAD-44	23° 46' 35.40" /91° 18' 15.84"
23	RAD-43	23° 46' 30.72" /91° 21' 29.88"
24	NLAD-6	23° 43' 23.88" /91° 12' 46.44"
25	NLAD-7	23° 44' 23.64" /91° 14' 06.72"
26	ROBI	23° 37' 05.21" / 91° 11' 22.39"
27	ROBJ	23° 31' 46.98" / 91° 15' 17.06"
28	SDAG	23° 32' 58.795" /91° 22' 50.167"
29	NLBJ-1	23° 43' 08.76" / 91° 26' 22.560"
30	NLBJ-2	23° 33' 44.95" / 91° 20' 53.49"
31	BOAA	23° 08' 13.883" /91° 37' 42.769"
32	NLGO-6	23° 09' 45.540" / 91° 32' 10.392"
33	NLGO-7	23° 05' 43.500" / 91° 37' 04.850"
34	NLTM-2	23° 17' 09.600" / 91° 44' 54.600"
35	NLTM-3	23° 12' 51.480" / 91° 46' 12.720"
36	NLTM-4	23° 07' 46.200" / 91° 47' 37.680"
37	NLTM-5	23° 07' 26.35" 91°48'21.64"

26.3.4.2

During deliberation, the EAC noted the following:-

- (i) The project involves drilling of exploratory wells (37 Nos) in 9 PML blocks in Tripura by M/s ONGC Ltd.

- (ii) The project/activity is covered under category A of item 1 (b) 'Offshore and onshore oil and gas exploration, development & production' of the Schedule to the EIA Notification, 2006.
- (iii) The project for drilling of exploratory wells (50 Nos) was granted ToR by the Ministry on 13th July, 2015 for preparation of EIA/EMP report. Now it has been informed that due to non-availability of forest and wildlife clearances, the scope of the project would be limited to drilling of exploratory wells at 37 locations.
- (iv) The public hearing was conducted in five districts (South Tripura, West Tripura, Gomati, Sepahijala, Khowai) of Tripura during the period from 21st October to 28th October, 2016.
- (v) Nearly 250-300 cum of drill cuttings and 700 cum of drilling mud are likely to be generated from each well during drilling operations. These wastes are reported to be non-hazardous in nature. HDPE lined impervious pits are to be used for storage of drilling cuttings and drilling mud and disposed of in accordance with the prescribed norms in this regard by the regulatory authority.
- (vi) There being no earlier EC, there is no requirement of the compliance report from the Regional Office.

26.3.4.3

The EAC, after deliberations, recommended the project for grant of environmental clearance, subject to compliance of specific conditions as under:-

- *Consent to Establish/Operate for the project shall be obtained from the State Pollution Control Board as required under the Air (Prevention and Control of Pollution) Act, 1981 and the Water (Prevention and Control of Pollution) Act, 1974.*
- *As already committed by the project proponent, Zero Liquid Discharge shall be ensured and no waste/treated water shall be discharged to any surface water body, sea and/or on land.*
- *Ambient air quality shall be monitored at the nearest human settlements as per the National Ambient Air Quality Emission Standards issued by the Ministry vide G.S.R. No. 826(E) dated 16th November, 2009 for PM₁₀, PM_{2.5}, SO₂, NO_x, CO, CH₄, HC, Non-methane HC etc.*
- *Mercury shall also be analyzed in air, water and drill cuttings twice during drilling period.*
- *Approach road shall be made pucca to minimize generation of suspended dust.*
- *The company shall make the arrangement for control of noise from the drilling activity. Acoustic enclosure shall be provided to DG sets and proper stack height shall be provided as per CPCB guidelines.*
- *Total water requirement shall not exceed the proposed and prior permission should be obtained from the Competent Authority.*
- *The company shall construct the garland drain all around the drilling site to prevent runoff of any oil containing waste into the nearby water bodies. Separate drainage system shall be created for oil contaminated and non-oil contaminated. Effluent shall be properly treated and treated wastewater shall conform to CPCB standards.*
- *Drilling wastewater including drill cuttings wash water shall be collected in disposal pit lined with HDPE lining evaporated or treated and shall comply with the notified standards for on-shore disposal. The membership of common TSDF shall be*

obtained for the disposal of drill cuttings and hazardous waste. Otherwise, secured land fill shall be created at the site as per the design approved by the CPCB and obtain authorization from the SPCB.

- No effluent/drilling mud/drill cutting shall be discharged/disposed off into nearby surface water bodies.
- Good sanitation facility shall be provided at the drilling site. Domestic sewage shall be disposed off through septic tank/ soak pit.
- Oil spillage prevention and mitigation scheme shall be prepared. In case of oil spillage/contamination, action plan shall be prepared to clean the site by adopting proven technology. The recyclable waste (oily sludge) and spent oil shall be disposed of to the authorized recyclers.
- The company shall comply with the guidelines for disposal of solid waste, drill cutting and drilling fluids for onshore drilling operation notified vide GSR.546(E) dated 30th August, 2005.
- The Company shall take necessary measures to prevent fire hazards, containing oil spill and soil remediation as needed. Possibility of using ground flare shall be explored. At the place of ground flaring, the overhead flaring stack with knockout drums shall be installed to minimize gaseous emissions during operation.
- The company shall develop a contingency plan for H₂S release including all necessary aspects from evacuation to resumption of normal operations. The workers shall be provided with personal H₂S detectors in locations of high risk of exposure along with self containing breathing apparatus.
- The Company shall carry out long term subsidence study by collecting base line data before initiating drilling operation till the project lasts. The data so collected shall be submitted six monthly to the Ministry and Regional Office.
- Blow Out Preventer (BOP) system shall be installed to prevent well blowouts during drilling operations. BOP measures during drilling shall focus on maintaining well bore hydrostatic pressure by proper pre-well planning and drilling fluid logging etc.
- Emergency Response Plan (ERP) shall be based on the guidelines prepared by OISD, DGMS and Govt. of India.
- The company shall take measures after completion of drilling process by well plugging and secured enclosures, decommissioning of rig upon abandonment of the well and drilling site shall be restored the area in original condition. In the event that no economic quantity of hydrocarbon is found a full abandonment plan shall be implemented for the drilling site in accordance with the applicable Indian Petroleum Regulations.
- All the commitments made to the public during public hearing/public consultation meeting shall be satisfactorily implemented and adequate budget provision shall be made accordingly.
- At least 5% of the total project cost shall be allocated for Enterprise Social Commitment based on Public Hearing issues and item-wise details along with time bound action plan shall be prepared and submitted to the Ministry's Regional Office.
- Occupational health surveillance of the workers shall be carried out as per the prevailing Acts and Rules.
- Restoration of the project site shall be carried out satisfactorily and report shall be sent to the Ministry's Regional Office.
- Oil content in the drill cuttings shall be monitored by some Authorized agency and report shall be sent to the Ministry's Regional Office.

- An audit shall be done to ensure that the Environment Management Plan is implemented in totality and report shall be submitted to the Ministry's Regional Office.
- Company shall have own Environment Management Cell having qualified persons with proper background.
- Company shall prepare operating manual in respect of all activities. It shall cover all safety & environment related issues and system. Measures to be taken for protection. One set of environmental manual shall be made available at the drilling site/ project site. Awareness shall be created at each level of the management. All the schedules and results of environmental monitoring shall be available at the project site office. Remote monitoring of site should be done.
- On completion of drilling, the company has to plug the drilled wells safely and obtain certificate from environment safety angle from the concerned authority.
- Hazardous Waste shall be handled and disposed as per the provisions of the Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 and necessary permissions shall be obtained under the said rules.

26.3.5 Expansion of LPG Bottling Plant at Trishundi, District Amethi (UP) by M/s Indian Oil Corporation Ltd - For Environmental Clearance
[IA/UP/IND2/65222/2016, F. No.J- 11011/379/2017-IA.II(I)]

26.3.5.1 The project proponent and the accredited consultant M/s SV Enviro Labs & Consultants made a detailed presentation on the proposal and informed the following:

- The PP is operating a LPG cylinder bottling plant at UPSIDC Industrial estate, Trishundi (V), Amethi Tehsil, Uttar Pradesh.
- The proposed expansion project will be within the existing premises of 23.43 Acres of land and acquired from U.P State Industrial Development Corporation Limited.
- The project/activity is covered under category B of item 6 (b) of the Schedule to the EIA Notification, 2006. However, due to the SEIAA in the State not in existence, the proposal was considered at the Central level.
- The project was granted ToR by the SEIAA on 18th April, 2017 for preparation of EIA/EMP report. The project being in notified industrial estate, no public consultation was conducted.
- The PP proposes for additional storage of 3 x 600 MT capacity Mounded Storage Vessels and bottling capacity 60,000MTPA at existing facility situated in UPSIDC Industrial estate, Trishundi (V), Amethi Tehsil, Uttar Pradesh to meet the increasing demand in the state.

Details of current proposal

Existing Capacity	Storage capacity – 3x33MT (Above ground bullets) Bottling capacity – 11MTPA
Proposed Capacity	Storage Capacity – 3 x 600 MT (Mounded Storage vessels) Bottling capacity – 60,000 MTPA

(vi) There will be no chemical process involved and the operation carried out will be receipt of LPG in Bulk form in road tankers from Vadodara, Bina refineries and Kandla Import Terminal through road tankers & rail wagons, then stored in above ground

bullets and proposed MSV. The cylinders filled will be checked for quality and then dispatched by Cylinder stake Trucks.

(vii) The water requirement is fulfill by existing tube well within plant premises. During operation water consumption will be 6.0 KLD for domestic & cylinder washings.

Water Requirement & Wastewater Generation

S.No.	Domestic water	Industrial water requirement (KLD)	Domestic sewage generation	Waste water from process/cylinder washing (KLD)
1	4.5 KLD	1.5 KLD	2.5 KLD	1.2 KLD
Total	6.0		3.7	
<i>For Fire Mock Drills - 15KL/ 6Months</i>				

(viii) Electricity shall be obtained from Uttar Pradesh Power Corporation Limited.

Source of Electricity

S. No.	Source	Proposed
1.	UPCL	450 KVA
2.	D.G Sets (Stand By)	2 X 500 KVA & 1 X 250 KVA

26.3.5.2

During deliberations, the EAC noted the following:-

(i) The proposal is for expansion of storage of LPG from 3x33 MT (above ground bullets) to 3x600 MT MSVs and bottling capacity from 11 MTPA to 60,000 MTPA in the existing area of 23.43 acres at UPSIDC Industrial Estate, Village Trishundi in District Amethi (UP).

(ii) The project/activity is covered under category B of item 6 (b) of the Schedule to the EIA Notification, 2006. However, due to the SEIAA in the State not in existence, the proposal was considered at the Central level.

(iii) The project was granted ToR by the SEIAA on 18th April, 2017 for preparation of EIA/EMP report. The project being in notified industrial estate, no public consultation was conducted.

(iv) There being no earlier EC, there is no requirement of the compliance report from the Regional Office.

26.3.5.3

The EAC, after deliberations, recommended the project for grant of environmental clearance, subject to compliance of specific conditions as under:-

- *Consent to Establish/Operate for the project shall be obtained from the State Pollution Control Board as required under the Air (Prevention and Control of Pollution) Act, 1981 and the Water (Prevention and Control of Pollution) Act, 1974.*
- *As already committed by the project proponent, Zero Liquid Discharge shall be ensured and no waste/treated water shall be discharged outside the premises. The effluent discharge, if any, shall conform to the general standards*

prescribed under the Environment (Protection) Rules, 1986.

- *Necessary authorization required under the Hazardous and Other Wastes (Management and Trans-Boundary Movement) Rules, 2016, Solid Waste Management Rules, 2016 shall be obtained and the provisions contained in the Rules shall be strictly adhered to.*
- *During construction phase, air pollution and the solid waste management aspects need to be properly addressed ensuring compliance of the Construction and Demolition Waste Management Rules, 2016.*
- *The green belt over 33% of the total project area shall be developed with at least 5 m wide along the periphery, in downward wind direction, and along road sides etc. Selection of plant species shall be as per the CPCB guidelines and in consultation with the State Forest Department.*
- *At least 5% of the total project cost shall be allocated for Enterprise Social Commitment and the details along with time bound action plan shall be submitted to the Ministry's Regional Office.*
- *Regular monitoring of VOC and HC in the work zone area in the plant premises should be carried out and data be submitted to Ministry's Regional Office, CPCB and State Pollution Control Board. Quarterly monitoring for fugitive emissions should be carried out as per the guidelines of CPCB and reports submitted to Ministry's Regional Office at Lucknow.*
- *The project proponent shall conduct a traffic density survey on the approach road to be used for transportation of LPG tankers and LPG cylinders.*
- *Necessary approvals from Chief Controller of Explosives, as applicable, shall be obtained before commissioning of the project. Requisite On-site and Off-site Disaster Management Plans shall be prepared and implemented.*
- *Emergency Response Plan should be based on the guidelines prepared by OISD, DGMS and Govt. of India. Mock drill should be conducted once a month.*
- *Additional safety measures should be taken by using remote operated shut off valve, double block & bleed valve (DBB), impervious dyke wall and un-bonded flexible roof drain pipe, if applicable.*
- *Occupational health surveillance of worker should be done on a regular basis and records maintained as per the Factory Act.*
- *The norms/guidelines of Oil Industry Safety Directorate (OISD) for installation and design of equipments and operation of the LPG Bottling Plants shall be strictly followed. Safety audit to be carried out and report submitted to the Regional Office.*
- *No packing/loading/unloading of LPG cylinders shall be made on road/outside factory premises. Vehicles loaded/unloaded with LPG cylinders shall be parked inside the plant premises only and not on road sides.*
- *Road tankers should be equipped to the standard specified in national regulations reputable code. Vehicles should be mobilised during transfer operations and equipped to prevent untimely movement. Loading/unloading bays should be protected against impact. Fire-resistant coatings shall be provided to tanks/vessels.*
- *Sections of pipeline and storage systems that can be isolated with valves or blinds should be equipped with safety valves to protect against possible damage as liquid LPG expands with increases in temperature.*
- *High and low-level alarms shall be fitted to plant storage tanks which can detect overfilling. However, proper supervision shall be done every time.*
- *For the DG sets, emission limits and the stack height shall be in conformity with*

the extant regulations and the CPCB guidelines. Acoustic enclosure shall be provided to DG set for controlling the noise pollution.

- *Water sprinkling has to be undertaken on regular basis to control the polluting particles.*

Reconsideration of EC

<p>26.3.5 (a)</p>	<p>Setting up LPG Bottling Plant at Korba, Chhattisgarh by M/s Indian Oil Corporation Ltd – For reconsideration of Environmental Clearance</p> <p>[IA/CG/IND2/59931/2016, J- 11011/341/2016-IA.II(I)]</p>												
<p>26.3.5 (a).1</p>	<p>The project proponent and the accredited consultant M/s Ultra Tech Environment Consultancy and Laboratory informed following:-</p> <ul style="list-style-type: none"> (i) The project involves setting up LPG Bottling Plant at Korba, Chhattisgarh by M/s Indian Oil Corporation Ltd. (ii) All the Isolated Storage & Handling of Hazardous chemicals (as per threshold planning quantity indicated in column 3 of schedule 2 & 3 of MSIHC Rules 1989 amended 2000) activity are listed at S.N 6 (b) of schedule of environmental impact assessment (EIA) notification under category 'B'. However, as per the general condition i.e. location of the industry within 5 km of the Critically Polluted Area the project is considered under category 'A' and appraised at Central level by Expert Appraisal Committee (EAC). (iii) The storage capacity of the bottling plant at Korba will be 1800 MT and the bottling capacity will 60 TMTPA. (iv) There will be no chemical process involved and the operation carried out will be receipt of LPG in bulk form in road tankers, storing the same in mounded bullets and filling of LPG into cylinders (domestic/commercial/industrial) using electronic carousel and associated on-line conveyor systems. The cylinders filled will be checked for quality and quantity and then dispatched by packed cylinder truck. (v) In the Proposed LPG Bottling Plant, the storage of LPG will be in liquid form in mounded bullet storage. The mounded storage will be in 3 bullets each with a total capacity of 1800 MT. The system of mounded storage has been recognized as one of the safest form of storage for LPG. (vi) Bullets will be submerged in ground and encased in four sided retaining wall having a designed layer of earth over the bullets. <table border="1" data-bbox="395 1574 1396 1686" style="margin-left: auto; margin-right: auto;"> <thead> <tr> <th colspan="4" style="text-align: center;">Project Capacity</th> </tr> <tr> <th>Type of Vessel</th> <th>Nos</th> <th>Capacity</th> <th>Total Capacity</th> </tr> </thead> <tbody> <tr> <td>Mounded Bullets</td> <td>3</td> <td>600 MT</td> <td>1800 MT</td> </tr> </tbody> </table> <ul style="list-style-type: none"> (vii) The ToR was issued by Ministry vide letter dated 15.3.2017. (viii) Indian Oil Corporation limited owns total plot area of 12.10 ha (29.91 acres) for setting up a new LPG bottling plant at Gopalpur, District: Korba, Chhattisgarh (ix) Industry will develop Green belt in an area of 33%. (x) The estimated project cost is Rs 120.72 crores. Total capital cost earmarked towards environmental pollution control measures is Rs 85 Lacs and the 	Project Capacity				Type of Vessel	Nos	Capacity	Total Capacity	Mounded Bullets	3	600 MT	1800 MT
Project Capacity													
Type of Vessel	Nos	Capacity	Total Capacity										
Mounded Bullets	3	600 MT	1800 MT										

	<p>Recurring cost (operation and maintenance) will be about Rs 9.6 Lacs per annum.</p> <p>(xi) Total Employment will be 63 persons as direct & indirect after proposed activity. Industry proposes to allocate Rs 155.04 Lacs towards Corporate Social Responsibility.</p> <p>(xii) No national parks, wildlife sanctuaries, Biosphere Reserves, Tiger/Elephant Reserves, Wildlife Corridors etc. lies within 10 km distance from the project site. Hasdo river is flowing at a distance of 4.6km in NW direction.</p> <p>(xiii) Ambient air quality monitoring was carried out at 10 locations during December 2016 to February, 2017. The baseline data indicates the ranges of concentrations as: PM₁₀ (57.57-71.36µg/m³), PM_{2.5} (23.03-31.39µg/m³), SO₂ (8.15-15.59µg/m³) and NO₂ (9.85-29.28µg/m³) respectively. The resultant concentrations are within the National Ambient Air Quality Standards (NAAQS).</p> <p>(xiv) Total water requirement is 15 m³/day which be met from Hasdo river via pipeline.</p> <p>(xv) There will be no industrial effluent generated in this plant. Waste water generated during plant operations (during washing of empty cylinders) will be recirculated/ reused. There shall no increase in quantity of waste water generation from operation of proposed project. Zero Liquid discharge system will be ensured.</p> <p>(xvi) Power requirement after proposed project will be 400kw and will be met from Chhattisgarh State Electricity Board (CSEB).</p> <p>(xvii) 1x250 kVA and 1x750 KVA will be used DG sets are used as stand by during power failure. Stack (height 3.0.) will be provided as per CPCB norms.</p> <p>(xviii) There will be not be any process, the project is for storage facility.</p>
<p>26.3.5(a).2</p>	<p>During deliberations, the EAC noted the following:-</p> <p>(i) The proposal is for expansion of storage of LPG from 3x33 MT (above ground bullets) to 3x600 MT MSVs and bottling capacity from 11 MTPA to 60,000 MTPA in the existing area of 23.43 acres at Korba (Chhattisgarh).</p> <p>(ii) The project/activity is covered under category B of item 6 (b) of the Schedule to the EIA Notification, 2006. However, due to applicability of general conditions (located within 5 km of Critically Polluted Area), proposal was considered at the Central level as category A project/activity.</p> <p>(iii) The project was granted ToR by the Ministry on 15th March, 2017 for preparation of EIA/EMP report. The project being in notified industrial estate, no public consultation was conducted.</p> <p>(iv) There being no earlier EC, there is no requirement of the compliance report from the Regional Office.</p> <p>(v) The proposal was last considered by the EAC in its 23rd meeting held on 3-5 May, 2017, wherein the Committee had asked for additional information in respect of trees to be cut and plantation, traffic management, safety and risk assessment plan, impact of the project on soil and ground water, revised layout with 10 m wide green belt, year wise ESC plan.</p>

<p>26.3.5 (a).3</p>	<p><i>The EAC, after deliberations and having been satisfied with the inputs in response to its earlier observations, recommended the project for grant of environmental clearance, subject to compliance of specific conditions as under:-</i></p> <ul style="list-style-type: none"> • <i>Consent to Establish/Operate for the project shall be obtained from the State Pollution Control Board as required under the Air (Prevention and Control of Pollution) Act, 1981 and the Water (Prevention and Control of Pollution) Act, 1974.</i> • <i>As already committed by the project proponent, Zero Liquid Discharge shall be ensured and no waste/treated water shall be discharged outside the premises. The effluent discharge, if any, shall conform to the general standards prescribed under the Environment (Protection) Rules, 1986.</i> • <i>Necessary authorization required under the Hazardous and Other Wastes (Management and Trans-Boundary Movement) Rules, 2016, Solid Waste Management Rules, 2016 shall be obtained and the provisions contained in the Rules shall be strictly adhered to.</i> • <i>During construction phase, air pollution and the solid waste management aspects need to be properly addressed ensuring compliance of the Construction and Demolition Waste Management Rules, 2016.</i> • <i>The green belt over 33% of the total project area shall be developed with at least 5 m wide along the periphery, in downward wind direction, and along road sides etc. Selection of plant species shall be as per the CPCB guidelines and in consultation with the State Forest Department.</i> • <i>At least 5% of the total project cost shall be allocated for Enterprise Social Commitment and the details along with time bound action plan shall be submitted to the Ministry's Regional Office.</i> • <i>Regular monitoring of VOC and HC in the work zone area in the plant premises should be carried out and data be submitted to Ministry's Regional Office, CPCB and State Pollution Control Board. Quarterly monitoring for fugitive emissions should be carried out as per the guidelines of CPCB and reports submitted to Ministry's Regional Office at Lucknow.</i> • <i>The project proponent shall conduct a traffic density survey on the approach road to be used for transportation of LPG tankers and LPG cylinders.</i> • <i>Necessary approvals from Chief Controller of Explosives, as applicable, shall be obtained before commissioning of the project. Requisite On-site and Off-site Disaster Management Plans shall be prepared and implemented.</i> • <i>Emergency Response Plan should be based on the guidelines prepared by OISD, DGMS and Govt. of India. Mock drill should be conducted once a month.</i> • <i>Additional safety measures should be taken by using remote operated shut off valve, double block & bleed valve (DBB), impervious dyke wall and un-bonded flexible roof drain pipe, if applicable.</i> • <i>Occupational health surveillance of worker should be done on a regular basis and records maintained as per the Factory Act.</i> • <i>The norms/guidelines of Oil Industry Safety Directorate (OISD) for installation and design of equipments and operation of the LPG Bottling Plants shall be strictly followed. Safety audit to be carried out and report submitted to the Regional Office.</i> • <i>No packing/loading/unloading of LPG cylinders shall be made on road/outside factory premises. Vehicles loaded/unloaded with LPG cylinders shall be parked</i>
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inside the plant premises only and not on road sides.

- *Road tankers should be equipped to the standard specified in national regulations reputable code. Vehicles should be mobilised during transfer operations and equipped to prevent untimely movement. Loading/unloading bays should be protected against impact. Fire-resistant coatings shall be provided to tanks/vessels.*
- *Sections of pipeline and storage systems that can be isolated with valves or blinds should be equipped with safety valves to protect against possible damage as liquid LPG expands with increases in temperature.*
- *High and low-level alarms shall be fitted to plant storage tanks which can detect overfilling. However, proper supervision shall be done every time.*
- *For the DG sets, emission limits and the stack height shall be in conformity with the extant regulations and the CPCB guidelines. Acoustic enclosure shall be provided to DG set for controlling the noise pollution.*
- *Water sprinkling has to be undertaken on regular basis to control the polluting particles.*

26.3.6

Expansion of Synthetic Organic Chemicals Manufacturing Unit At SF No. 534, 535, 536, 757, 759, 768, 769, 770 of Village Sinagadibakkam, Taluka and District Kanchipuram (Tamil Nadu) By M/s Stahl India Pvt Ltd - For EC

[IA/TN/IND2/34271/2015, J-11011/05/2016-IA II (I)]

26.3.6.1

The project Proponent of the project is M/s Stahl India Pvt Ltd and the accredited Consultant M/s Perfect Envirosolutions Pvt Ltd, New Delhi gave a detailed presentation on the salient features of the project and informed that:

- i) The proposal is for Expansion of Synthetic Organic Chemicals Manufacturing Unit At SF No. 534, 535, 536, 757, 759, 768, 769, 770 of Village Sinagadibakkam, Taluka and District Kanchipuram (Tamil Nadu) By M/s Stahl India Pvt Ltd.
- ii) Ministry has issued EC earlier vide letter No. J-11011/167/2009-IA-II (I) dated 3rd June, 2009 for Chemical Manufacturing unit to M/s Clariant Chemicals (India) Limited in Expansion case and Project proponent has applied for change of Name under Corrigendum of Earlier EC under online proposal no. IA/TN/IND2/34269/2008.
- iii) Public Hearing for the proposed project has been conducted by the State Pollution Control Board on 29th December 2016 under the supervision of District Revenue officer equivalent to ADM.
- iv) Certified Compliance Report for the unit has been received vide letter no. F. NO. EP/12.1/916/TN/0899 dated 12.06.2017
- v) Following are the list of existing and proposed products:

Existing Products List as per Earlier EC of 2009

Sl. No.	Products	Quantity (TPA)
	Products	Existing capacity, (MT/ Annum), (Phase-1 & 2)
1.	Syntan	9600
2.	Bates	3600
3.	Fat liquor	3600
4.	Superplasticizer	2400
5.	Biocides	4800

6.	Uracil	180
7.	Acrylic Resin	-
8.	Urethane Resin	-
9.	Solvent based blending's	-
10.	Water based blending's	-
11.	Total	24180

Proposed Products and their Capacities for EC Expansion

S. No.	Products		Quantity (TPA)
1.	Syntan	Formaldehyde Condensed Aromatic sulphonic acids, amines and their blends	26400
2.	Fat Liquor	Sulphited , Sulphonated, Phosphated and Saponified Vegetable oils, Synthetic oils and esters, Cationic fatty acid condensates	7200
3.	Super plasticizer	Condensed Naphthalene sulphonic acids	4800
4.	Biocides	Industrial Preservatives -Leather, Surface coating, Emulsion, Metal working fluids, Water treatment	8400
5.	Acrylic Resin	Aqueous solution and emulsions of multi carboxylic polymers	4000
6.	Urethanes	Polymers of Urethane monomers with Polyols	4000
7.	Solvent based Blending's	Formulation of Solvent, Nitro Cellulose, Resins, Pigments, Casein, Plasticizer and Surfactants	6000
8.	Water based blending's	Formulation of Pigments, Wax, Casein and Surfactants	10000
Total			70800

(vi). PP has submitted the commitment to send Fly ash to registered brick manufacturing unit and commitment to plant 5000 trees.

(vii). Total water requirement is 260 m³/day of which fresh water requirement of 193m³/day and will be met from Surface Water Supply from nearby Village Panchayat.

<p>26.3.6.2</p>	<p>The proposal was earlier considered by the EAC in its 23rd meeting held during 3-5 May, 2017. During the meeting, the Committee noted that the project proponent has not submitted the certified compliance report of the existing EC. Also, the public hearing was conducted under the supervision of District Revenue officer. The project proponent was asked to clarify whether DRO is equivalent to ADM level.</p> <p>The EAC also noted that TDS in plant site was observed 4311 mg/l, which is much high as compared to Drinking Water Standards i.e. 500 mg/l. After deliberation, the Committee had sought following additional information:</p> <ul style="list-style-type: none"> (i) Commitment to send Fly ash to registered brick manufacturing unit. (ii) Public hearing was conducted under the supervision of District Revenue officer. In this regard, PP need to clarify whether District Revenue officer is equivalent to ADM level. (iii) Commitment to plant 5000 trees as suggested. (iv) Compliance report duly certified from RO, MoEF&CC of the existing EC to be submitted. (v) Clarification w.r.t ground water quality of plant site and its comparison with other ground water quality locations.
<p>26.3.6.3</p>	<p>During deliberations, the EAC noted the following:-</p> <ul style="list-style-type: none"> (i) The proposal is for expansion of synthetic organic chemical manufacturing unit from 24180 TPA to 70800 TPA of M/s Stahl India Pvt Ltd in an area of 19.66 ha at SF No.534, 535, 536, 757, 759, 768, 769 & 770 of village Sinagadibakkam, Taluka & District Kancheepuram (Tamil Nadu). (ii) The project/activity is covered under category A of item 5 (f) of the Schedule to the EIA Notification, 2006. (iii) The project was earlier accorded EC by the Ministry vide letter No.J-11011/167/2009-IA-II (I) dated 3rd June, 2009 in the name of M/s Clariant Chemicals (India) Ltd. Now the present incumbent has sought for transfer of the same in their name. (iv) The ToR for the expansion project was granted by the Ministry on 5th April, 2016, and the public hearing was conducted on 29th December, 2016. (v) Total water requirement is estimated to be 260 cum/day, of which fresh water requirement would be 193 cum/day which is proposed to be met through surface water supply from nearby village Panchayat. (vi) The Regional Office of the Ministry at Chennai has carried out the site visit for monitoring compliance status of the EC conditions, and submitted the report vide letter dated 12th June, 2017.

26.3.6.4	<p><i>The EAC, after deliberations, observed the following:</i></p> <p>(i) <i>the project proponent has not adequately addressed to the issues raised during public hearing held on 29th December, 2016.</i></p> <p>(ii) <i>there is no firm commitment from the concerned regulatory authority to meet the total water requirement of 260 cum/day,</i></p> <p>(iii) <i>The earlier EC issued in the name of M/s Clariant Chemicals (India) Ltd is yet to be transferred in the name of M/s Stahl India Pvt Ltd. As such, the present proposal may not be considered as expansion project.</i></p> <p><i>The proposal was deferred for want of clarification/inputs on the above lines.</i></p>
26.3.7	<p>Bulk Drugs & Drugs Intermediates (200 TPM) at Sy. No.75(A), Village Kothur, Bidar Road, Mandal Saheerabad, District Medak (Telangana) by M/s Deccan Remedies Limited - For reconsideration of EC</p> <p>[IA/TG/IND2/31166/2015, J-11011/276/2015-IA II (I)]</p>
26.3.7.1	<p>The project proponent and the accredited consultant M/s. Pridhvi Envirotech Private Limited gave a detailed presentation on the salient features of the project and informed that:</p> <ol style="list-style-type: none"> i. The proposal is for Bulk Drugs & Drugs Intermediates (200 TPM) at Sy. No.75(A), Village Kothur, Bidar Road, Mandal Saheerabad, District Medak (Telangana) by M/s Deccan Remedies Limited. ii. The ToR was issued vide Ministry's letter dated 5th March, 2016. iii. All Synthetic Organic Chemicals Industry located outside the notified industrial area/estate are listed at S.N. 5(f) of Schedule of Environmental Impact Assessment (EIA) Notification under Category 'A' and is appraised at Central Level by Expert Appraisal Committee (EAC). iv. Existing land area is 31.8 acres v. Industry will develop greenbelt in an area of 33% i.e.10.9 acres out of 31.8 acres of area of the project. vi. The estimated project cost is Rs. 12.4 crores. Total capital cost earmarked towards environmental pollution control measures is Rs. 2.5 crores and the recurring cost (operation and maintenance) will be about Rs. 85 lakhs per annum. vii. Total Employment will be 100 persons as direct & 50 persons indirect for the proposed project viii. Industry proposes to allocate Rs. 31 Lakhs in addition to Rs. 63 lakhs proposed towards Corporate Social Responsibility. ix. No National parks, Wildlife sanctuaries, Biosphere reserves, Tiger/ Elephant reserves, Wildlife corridors etc. lies within 10km distance. Narinja Vagu is flowing at a distance of 1.75 Km in North direction. x. Ambient air quality monitoring was carried out at 8 locations during October 2015 to January 2016 and the baseline data indicates the ranges of concentration of PM10 (46.1-85.0 µg/m³), PM2.5 (20.4-35.3 µg/m³), SO₂ (7.3-16.6 µg/m³) and NO₂ (13.0-19.4 µg/m³). AAQ modeling study for point source emissions indicated that the maximum incremental GLCs after the proposed

project would be 0.816 µg/m³, 2.097 µg/m³ and 2.484 µg/m³ with respect to PM₁₀, Sox and NO_x. The resultant concentrations are within the National Ambient Air Quality Standards (NAAQS).

- xi. Further, again ambient air quality monitoring was carried out at 8 locations during May 2017 and the baseline data indicates that ranges of concentration of PM₁₀ (45.6-70.5 µg/m³), PM_{2.5} (16.4-31.5 µg/m³), SO₂ (9.3-16.6 µg/m³) and NO₂ (11.9-21.6 µg/m³) respectively. AAQ modeling study for point source emissions indicated that the maximum incremental GLCs after the proposed project would be 1.003 µg/m³, 2.429 µg/m³ and 3.438 µg/m³ with respect to PM₁₀, Sox and NO_x. The resultant concentrations are within the National Ambient Air Quality Standards (NAAQS).
- xii. Total water requirement is 174.6 m³/day of which fresh water requirement of 114.1 m³/day and will be met from ground water.
- xiii. Treated effluent of 60.5 KLD will be reused out of total effluent of 87.7 KLD will be treated through Stripper, MEE and ATFD for high TDS Stream and Low TDS will be treated in Biological ETP followed by RO system. The plant will be based on Zero Liquid discharge system.
- xiv. Power requirement for the proposed project will be – 1000 KVA and will be met from state power distribution corporation limited (TSCPDCL). 1 X 500 KVA DG Set will be used as standby during power failure. Stack (height 10 m) will be provided as per CPCB norms to the proposed DG set which will be used as standby during power failure.
- xv. 0.5 TPH Diesel fired boiler and 5 TPH Coal fired boiler will be installed. Multi cyclone separator/ bag filter with a stack of height of 6 m for 0.5 TPH Boiler and 20 m for 5 TPH Boiler will be installed for controlling the Particulate emissions (within statutory limit of 115mg/Nm³).
- xvi. Details of process emissions generation is 227.6 kg/day which are scrubbed through double stage scrubbers.

S. No.	Emissions	Qty Kgs/day	Control system
1	N ₂	64.2	Safely let out into environment
2	SO ₂	10.4	Scrubber
3	HCl	150.5	Scrubber
4	Methyl iodide	2.5	Two stage Scrubber
	Total	227.6	

- xvii. Details of solid waste/ Hazardous waste generation and its management are as below:-

S. No	Description of Waste	HW Category No. as per rules	Unit	Quantity generated	Disposal Option
Hazardous waste					
1	Forced Evaporation Salts	34.3	TPM	108.3	TSDf, HWMP, Dundigal

2	Process Inorganic Salts	28.1	TPM	0.05	TSDf, HWMP, Dundigal
3	ETP Sludge	34.3	TPM	3.0	Cement Units/TSDf, HWMP, Dundigal
4	Process organic residues	28.3	TPM	65.08	Cement Units/TSDf, HWMP
5	Spent Carbon	28.2	TPM	1.74	Cement Units /TSDf, HWMP
6	Distillation Bottom Residue	36.4	TPM	1.5	Cement Units/TSDf, HWMP, Dundigal
Non Hazardous waste					
7	Mixed Spent Solvents & Stripper Distillate	28.5	KLM	15.0	Authorised recyclers
8	Detoxified Containers and Container Liners	33.3	Nos/ Month	1000	After detoxification disposed to outside agencies
9	Used Oil/Waste Lubricating Oil	5.1	LPM	200	Agencies authorized by TSPCB
10	Used Lead Acid Batteries	--	Nos./ annum	2	Returned back to dealer/ Supplier
11	Boiler Fly Ash	--	TPD	4.75	Brick Manufacturers

xviii. Public Hearing for the proposed project has been conducted by the State Pollution Control Board on 14th December, 2016.

xix. List of Products Proposed with Production capacities

S.No	Product	Quantity in TPA
API's		
1	Guaifenesin	1080.0
2	Methocarbamol	660.0
3	Phenazopyridine HCl	60.0
4	Flucanazole	60.0
5	Mephenesine	24.0
6	Mefenamic Acid	60.0
7	Chlorophenesine	24.0
8	Domperidone	48.0
9	Nitazoxanide	12.0
10	Melitracin HCl	6.0
11	Flupenithol	0.6
12	Ambroxil	89.4
	Total API's	2124.0

	Intermediates	
13	1 - (3 - Chloropropyl)-2-Benzimidazolinone	60.0
14	1-Isopropyl-1,3-dihydro-2H-benzimidazol-2-one	24.0
15	2,4-Difluoro-alpha-(1H-1,2,4-triazolyl) acetophenone	96.0
16	2(2,4-Difluoro)-4-Amino-1H-1,2,4Trizoleacetophenone.HCl	60.0
17	3,3-dimethyl-2-benzofuran-1(3H)-one.	12.0
18	1- Phathalanol -3,3-dimethyl-1-Phenyl-1.	12.0
19	10,10-dimethylantracen-9(10H)-one	6.0
20	9-[3-(dimethylamino)propyl]-9,10-dihydro-10,10-dimethylantracene-9-ol	6.0
21	2-(Trifluoromethyl) thioxanthen-9-one	0.0
	Total Intermediates	276.0
	Total (API's + Intermediates)	2400.0

26.3.7.2

During deliberations, the EAC noted the following:-

(i) The project involves manufacturing of Bulk Drugs & Drugs Intermediates of 2400 TPA (APIs - 2124 TPA, Intermediates - 276 TPA) by M/s Deccan Remedies Ltd in a total area of 31.8 acres located at Sy.No.75 (A), Village Kothur, Bidar Road, Mandal Saheerabad, District Medak (Telangana).

(ii) The project/activity is covered under category A of item 5 (f) of the Schedule to the EIA Notification, 2006.

(iii) The ToR for the project was issued on 5th March, 2016 and the public hearing was conducted on 14th December, 2016.

(iv) Total water requirement is estimated to be 174.6 cum/day, of which fresh water requirement of 114.1 cum/day is to be met from ground water.

(v) The proposal was earlier considered by the EAC in its 21st meeting held on 29th March, 2017, wherein the Committee noted that the baseline data was collected before grant of ToR. The project proponent was asked to submit the revised CSR plan (2.5 % of the project cost) with implementation period of five years with the provision of drinking water facility with RO plant, solar lights on village streets in nearby villages, and also the plan for regular testing of ground water through lab accredited by the Ministry for ensuring decontaminated agricultural water supply.

26.3.7.4

The EAC, after deliberations and satisfied with the submissions of the project proponent in response to its earlier observations, recommended the project for grant of environmental clearance, subject to compliance of specific/additional conditions as under:-

- *Consent to Establish/Operate for the project shall be obtained from the State Pollution Control Board as required under the Air (Prevention and Control of Pollution) Act, 1981 and the Water (Prevention and Control of Pollution) Act, 1974.*

- As already committed by the project proponent, Zero Liquid Discharge shall be ensured and no waste/treated water shall be discharged outside the premises. The effluent discharge, if any, shall conform to the standards prescribed under the Environment (Protection) Rules, 1986.
- Necessary authorization required under the Hazardous and Other Wastes (Management and Trans-Boundary Movement) Rules, 2016, Solid Waste Management Rules, 2016 shall be obtained and the provisions contained in the Rules shall be strictly adhered to.
- National Emission Standards for Organic Chemicals Manufacturing Industry issued by the Ministry vide G.S.R. 608(E) dated 21st July, 2010 and amended from time to time shall be followed.
- To control source and the fugitive emissions, suitable pollution control devices shall be installed to meet the prescribed norms and/or the NAAQS. Multi-cyclone followed by bag filter shall be provided to the coal fired boiler to control particulate emissions within permissible limit. The gaseous emissions shall be dispersed through stack of adequate height as per CPCB/SPCB guidelines.
- Solvent management shall be carried out as follows :
 - (h) Reactor shall be connected to chilled brine condenser system.
 - (i) Reactor and solvent handling pump shall have mechanical seals to prevent leakages.
 - (j) The condensers shall be provided with sufficient HTA and residence time so as to achieve more than 95% recovery.
 - (k) Solvents shall be stored in a separate space specified with all safety measures.
 - (l) Proper earthing shall be provided in all the electrical equipment wherever solvent handling is done.
 - (m) Entire plant shall be flame proof. The solvent storage tanks shall be provided with breather valve to prevent losses.
 - (n) All the solvent storage tanks shall be connected with vent condensers with chilled brine circulation.
- Total ground water requirement shall not exceed 114.1 cum/day and prior permission for the same shall be obtained from the concerned regulatory authority/CGWA.
- Industrial/trade effluent shall be segregated into High COD/TDS and Low COD/TDS effluent streams. High TDS/COD shall be passed through stripper followed by MEE and ATFD (agitated thin film drier). Low TDS effluent stream shall be treated in ETP and then passed through RO system.
- Process effluent/any wastewater shall not be allowed to mix with storm water. Storm water drain shall be passed through guard pond.
- Hazardous chemicals shall be stored in tanks, tank farms, drums, carboys etc. Flame arresters shall be provided on tank farm. Solvent transfer shall be by pumps.
- Process organic residue and spent carbon shall be sent to cement industries. ETP sludge, process inorganic & evaporation salt shall be disposed off to the TSDF. The ash from boiler shall be sold to brick manufacturers/cement industry.
- The Company shall strictly comply with the rules and guidelines under Manufacture, Storage and Import of Hazardous Chemicals (MSIHC) Rules, 1989 as amended time to time. All Transportation of Hazardous Chemicals shall be as per the Motor Vehicle Act (MVA), 1989.
- Fly ash should be stored separately as per CPCB guidelines so that it should not adversely affect the air quality, becoming air borne by wind or water regime during

	<p><i>rainy season by flowing along with the storm water. Direct exposure of workers to fly ash & dust should be avoided.</i></p> <ul style="list-style-type: none"> • <i>The company shall undertake waste minimization measures as below:-</i> <ul style="list-style-type: none"> <i>(a) Metering and control of quantities of active ingredients to minimize waste.</i> <i>(b) Reuse of by-products from the process as raw materials or as raw material substitutes in other processes.</i> <i>(c) Use of automated filling to minimize spillage.</i> <i>(d) Use of Close Feed system into batch reactors.</i> <i>(e) Venting equipment through vapour recovery system.</i> <i>(f) Use of high pressure hoses for equipment clearing to reduce wastewater generation.</i> • <i>The green belt over 33% of the total project area shall be developed with at least 5 m wide along the project 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.</i> • <i>All the commitment made regarding issues raised during the Public Hearing/consultation meeting held on 14th December, 2016 shall be satisfactorily implemented.</i> • <i>At least 5% of the total project cost shall be allocated for Enterprise Social Commitment based on Public Hearing issues and item-wise details along with time bound action plan shall be prepared and submitted to the Ministry's Regional Office.</i> • <i>For the DG sets, emission limits and the stack height shall be in conformity with the extant regulations and the CPCB guidelines. Acoustic enclosure shall be provided to DG set for controlling the noise pollution.</i> • <i>The unit shall make the arrangement for protection of possible fire hazards during manufacturing process in material handling. Fire fighting system shall be as per the norms.</i> • <i>Occupational health surveillance of the workers shall be done on a regular basis and records maintained as per the Factories Act.</i>
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26.4 Terms of Reference (ToR)

<p>26.4.1</p>	<p>EXPANSION OF SYNTHETIC ORGANIC INTERMEDIATES Manufacturing Unit of M/s MEDICARE INDUSTRIES at PLOT NO. 4734, GIDC Estate, Ankleshwar, District Bharuch (Gujarat) - For ToR</p> <p>[IA/GJ/IND2/65015/2017, IA-J-11011/303/2017-IA-II(I)]</p>
<p>26.4.1.1</p>	<p>The project involves increase in production capacity of Synthetic Organic Chemical manufacturing unit of M/s Medicare Industries at the existing premises of a total area of 2035 sqm at Plot No.4734, GIDC Estate, Ankleshwar (Gujarat).</p> <p>The project/activity is covered under category B of item 5 (f) of the Schedule to the EIA Notification, 2006. However, due to the applicability of general conditions (located within 5 km of the Critically Polluted Area), the proposal was considered at the Central level.</p>
<p>26.4.1.2</p>	<p><i>The EAC, after deliberations, recommended the proposal for grant of ToR for preparation of EIA/EMP reports for consideration of environmental clearance to the</i></p>

	<p><i>proposed expansion project of Synthetic Organic Chemical manufacturing unit of M/s Medicare Industries at the existing premises having a total area of 2035 sqm at Plot No.4734, GIDC Estate, Ankleshwar (Gujarat).</i></p> <p><i>The ToR shall include the standard ToR as specified/notified applicable for such project/activity, and other terms and conditions as under:</i></p> <ul style="list-style-type: none"> • <i>There shall be no requirement of public consultation in terms of the provisions contained in Section 7(i), III. Stage (3), Para (i)(b) of EIA Notification, 2006, as the project is located in the notified Industrial area/estate.</i> • <i>Fresh water demand from GIDC allocation should be minimized through process improvement and water recycling. There shall be no use of ground water.</i> • <i>ESR plan for 5 years @5% of the project cost in consultation with nearby villagers to be submitted.</i> • <i>Layout plan earmarking space for development of green belt of 5 m width along the plant periphery, and also ensuring 33% of the project area to be developed as green area with native species plantation.</i> • <i>Compliance report for the existing environmental clearance, if any, duly certified by the concerned Regional Office of the Ministry to be submitted.</i> <p><i>The Committee also desired that in view of the moratorium already lifted from Ankleshwar allowing increase/expansion in production in the area, the Ministry may consider referring such cases to SEAC/SEIAA for appraisal and grant of EC as per the provisions of the EIA Notification, 2006.</i></p>
26.4.2	<p>Manufacturing of Pigments, Dyes & Dye Intermediates by M/s SHREE PARSHWNATH COLOURANTS LLP at Plot No. D-2/CH/50, Dahej Industrial Estate-2, Taluka Vagra, District Bharuch (Gujarat) - For ToR</p> <p>[IA/GJ/IND2/64882/2017, IA-J-11011/259/2017-IA-II(I)]</p>
26.4.2.1	<p><i>During the meeting, the project proponent informed that they were withdrawing the proposal due to their own reasons. The proposal was, therefore, not considered.</i></p>
26.4.3	<p>EXPANSION OF SYNTHETIC ORGANIC CHEMICALS (DYE INTERMEDIATES) IN EXISTING UNIT OF M/s MOHAN POLY FAB Pvt Ltd at plot No.6509 & 6510, GIDC ESTATE, ANKLESHWAR, District Bharuch (Gujarat) - For ToR</p> <p>[IA/GJ/IND2/64480/2017, IA-J-11011/254/2017-IA-II(I)]</p>
26.4.3.1	<p>The project involves increase in production capacity of Synthetic Organic Chemical manufacturing unit of M/s Mohan Poly Fab Pvt Ltd at the existing premises having a total area of 3209 sqm at Plot No.6509 & 6510, GIDC Estate, Ankleshwar, District (Gujarat).</p> <p>The project/activity is covered under category A of item 5 (f) of the Schedule to the EIA Notification, 2006. However, due to the applicability of general conditions (located within 5 km of the Critically Polluted Area), the proposal was considered at the Central Government.</p>

<p>26.4.3.2</p>	<p><i>The EAC, after deliberations, recommended the proposal for grant of ToR for preparation of EIA/EMP reports for consideration of environmental clearance to the proposed expansion project of Synthetic Organic Chemical manufacturing unit of M/s Mohan Poly Fab Pvt Ltd at the existing premises having a total area of 3209 sqm at Plot No. 6509 & 6510, GIDC Estate, Ankleshwar, District (Gujarat).</i></p> <p><i>The ToR shall include the standard ToR as specified/notified applicable for such project/activity, and other terms and conditions as under:</i></p> <ul style="list-style-type: none"> • <i>There shall be no requirement of public consultation in terms of the provisions contained in Section 7(i), III. Stage (3), Para (i)(b) of EIA Notification, 2006, as the project is located in the notified Industrial area/estate.</i> • <i>Fresh water demand from GIDC allocation should be minimized through process improvement and water recycling. There shall be no use of ground water.</i> • <i>ESR plan for 5 years @5% of the project cost in consultation with nearby villagers to be submitted.</i> • <i>Layout plan earmarking space for development of green belt of 5 m width along the plant periphery, and also ensuring 33% of the project area to be developed as green area with native species plantation.</i> • <i>Compliance report for the existing environmental clearance, if any, duly certified by the concerned Regional Office of the Ministry to be submitted.</i> <p><i>The Committee also desired that in view of the moratorium already lifted from Ankleshwar allowing increase/expansion in production in the area, the Ministry may consider referring such cases to SEAC/SEIAA for appraisal and grant of EC as per the provisions of the EIA Notification, 2006.</i></p>
<p>26.4.4</p>	<p>Enhancement of the production capacity of existing product and addition of new products under the category “Manmade fiber” unit at Survey No. 205/1-2 & 207, 204/1-2-3, 205/6 & 206 and Plot No.60, 62, 64 & 65, Industrial Zone, Village Masat- Samarvarni, Silvassa (UT of Dadra & Nagar Haveli) by M/s Beekaylon Synthetics Pvt Ltd - For ToR</p> <p>[IA/DN/IND2/65578/2017, IA-J-11011/337/2017-IA-II(I)]</p>
<p>26.4.4.2</p>	<p>The project involves increase in production capacity of the Polyester Texturised & Twisted Yarn, Polyester Oriented Yarn/Fully Drawn Yarn and setting up a new plant for manufacturing Bulk Continuous Filament Yarn/Nylon Filament Yarn (of 72000 TPA) by M/s Beekaylon Synthetics Pvt Ltd at the existing premises of a total area of 37100 sqm at Survey No. 205/1-2 & 207, 204/1-2-3, 205/6 & 206 and Plot No.60, 62, 64 & 65, Industrial Zone, Village Masat- Samarvarni, Silvassa (UT of Dadra & Nagar Haveli).</p> <p>This Ministry has already granted EC vide letter dated 30th December, 2010 for manufacturing Polyester Texturised (capacity 31500 TPA) & Twisted Yarn (capacity 24960 TPA) and Polyester Oriented Yarn/Fully Drawn Yarn. The new component of the project is covered under category B of item 5 (d) ‘Manmade fibers manufacturing (other than rayon)’ of the Schedule to the EIA Notification, 2006. However, due to the applicability of general conditions (located within 5 km of the Inter State boundary),</p>

	<p>the proposal was considered at the Central level as category A project.</p> <p>Total water requirement is estimated to be 467 cum/day (fresh 374 cum/day and recycled 93 cum/day), which is proposed to be sourced from Damanganga Irrigation Canal Authority. Total waste water generation is estimated to be 117 cum/day which would be treated in the ETP in the plant premises.</p>
26.4.4.3	<p><i>The EAC, after deliberations, recommended the proposal for grant of ToR for preparation of EIA/EMP reports for consideration of environmental clearance to the proposed expansion of Polyester Texturised & Twisted Yarn, Polyester Oriented Yarn/Fully Drawn Yarn manufacturing unit and setting up a new plant for manufacturing Bulk Continuous Filament Yarn/Nylon Filament Yarn (of 72000 TPA) by M/s Beekaylon Synthetics Pvt Ltd at the existing premises of a total area of 37100 sqm at Survey No. 205/1-2 & 207, 204/1-2-3, 205/6 & 206 and Plot No.60, 62, 64 & 65, Industrial Zone, Village Masat- Samarvarni, Silvassa (UT of Dadra & Nagar Haveli).</i></p> <p><i>The ToR shall include the standard ToR as specified/notified applicable for such project/activity, and other terms and conditions as under:</i></p> <ul style="list-style-type: none"> • <i>There shall be no requirement of public consultation in terms of the provisions contained in para 7 (ii) of the EIA Notification, 2006.</i> • <i>Fresh water demand should be minimized through process improvement and water recycling. There shall be no use of ground water.</i> • <i>ESR plan for 5 years @5% of the project cost in consultation with nearby villagers to be submitted.</i> • <i>Layout plan earmarking space for development of green belt of 5 m width along the plant periphery, and also ensuring 33% of the project area to be developed as green area with native species plantation.</i> • <i>Compliance report for the existing environmental clearance, if any, duly certified by the concerned Regional Office of the Ministry to be submitted.</i>
26.4.5	<p>Expansion of Organic Intermediates Manufacturing Plant of M/s Shreeji Chemicals Industries (Unit-2) at Plot No.666, GIDC Estate, PANOLI-394116, District Bharuch (Gujarat) - For ToR</p> <p>[IA/GJ/IND2/65010/2017, IA-J-11011/300/2017-IA-II(I)]</p>
26.4.5.1	<p>The project involves increase in production capacity of the Synthetic Organic Chemical manufacturing unit of M/s Shreeji Chemicals Industries (Unit-2) at the existing premises of a total area of 1917 sqm at Plot No.666, GIDC Estate, Taluka Ankleshwar, District Bharuch (Gujarat).</p> <p>The project/activity is covered under category A of item 5 (f) of the Schedule to the EIA Notification, 2006. However, due to the applicability of general conditions (located within 5 km of the Critically Polluted Area), the proposal was considered at the Central Government.</p>
26.4.5.2	<p><i>The EAC, after deliberations, recommended the proposal for grant of ToR for preparation of EIA/EMP reports for consideration of environmental clearance to the</i></p>

	<p><i>proposed expansion project of Synthetic Organic Chemical manufacturing unit of M/s Shreeji Chemicals Industries (Unit-2) at the existing premises having a total area of 1917 sqm at Plot No.666, Taluka Ankleshwar, District Bharuch (Gujarat).</i></p> <p><i>The ToR shall include the standard ToR as specified/notified applicable for such project/activity, and other terms and conditions as under:</i></p> <ul style="list-style-type: none"> • <i>There shall be no requirement of public consultation in terms of the provisions contained in Section 7(i), III. Stage (3), Para (i)(b) of EIA Notification, 2006, as the project is located in the notified Industrial area/estate.</i> • <i>Fresh water demand from GIDC allocation should be minimized through process improvement and water recycling. There shall be no use of ground water.</i> • <i>ESR plan for 5 years @5% of the project cost in consultation with nearby villagers to be submitted.</i> • <i>Layout plan earmarking space for development of green belt of 5 m width along the plant periphery, and also ensuring 33% of the project area to be developed as green area with native species plantation.</i> • <i>Compliance report for the existing environmental clearance, if any, duly certified by the concerned Regional Office of the Ministry to be submitted.</i> <p><i>The Committee also desired that in view of the moratorium already lifted from Ankleshwar allowing increase/expansion in production in the area, the Ministry may consider referring such cases to SEAC/SEIAA for appraisal and grant of EC as per the provisions of the EIA Notification, 2006.</i></p>
26.4.6	<p>Expansion from 94 MW to 117 MW cogeneration unit Sy Nos. 166, Kulali Cross, Jamakhandi Road, Mudhol Taluk, District Bagalkot (Karnataka) by M/s Nirani Sugars Ltd - For ToR</p> <p>[IA/KA/IND2/65036/2017, IA-J-11011/301/2017-IA-II(I)]</p>
26.4.6.1	<p>The project for expansion of Co-generation Power Plant from 40 to 62 MW of M/s Nirani Sugars Ltd in an area of 73.9 acres at Sy Nos.166, Kulali Cross, Jamakhandi Road, Taluk Mudhol, District Bagalkot (Karnataka) was earlier granted environmental clearance by this Ministry on 27th December, 2010.</p> <p>The project for expansion of sugar crushing from 15000 TCD to 20000 TCD and Co-generation Power Plant from 62 to 94 MW was granted EC by SEIAA on 28th October, 2016. Now it is proposed to increase the capacity of cogeneration unit from 94 MW to 117 MW in the existing premises by proposing new boiler of 200 TPH in place of the earlier proposed boiler of 150 TPH.</p>
26.4.6.2	<p><i>The EAC, after deliberations, asked the project proponent to seek amendment in the environmental clearance dated 28th October, 2016 and not to pursue the proposal for grant of ToR. The proposal for grant of ToR was not taken forward.</i></p>
26.4.7	<p>Expansion of Dyes & Dyes Intermediates Manufacturing Plant in existing unit of M/s. M. Chemicals Plot No. 807, GIDC Estate, Sachin, TA. Chorasi, District Surat (Gujarat) - For ToR</p>

	[IA/GJ/IND2/63864/2015, IA-J-11011/173/2017-IA-II(I)]
26.4.7.1	<i>During the meeting, the project proponent informed that they were withdrawing the proposal due to their own reasons. The proposal was, therefore, not considered.</i>
26.4.8	New molasses based 30 KLPD Distillery unit at village Sheware, Satana District Nashik of M/s Dwarkadhish Sakhar Karkhana Limited - For ToR [IA/MH/IND2/64803/2017, IA-J-11011/256/2017-IA-II(I)]
26.4.8.1	The project involves setting up of 30 KLPD molasses based distillery by M/s Dwarkadhish Sakhar Karkhana Limited at village Sheware, Satana in District Nashik (Maharashtra). The project/activity is covered under category A of item 5 (g) of the Schedule to the EIA Notification, 2006.
26.4.8.2	<i>The EAC, after deliberations, recommended the proposal for grant of ToR for preparation of EIA/EMP reports for consideration of environmental clearance to the proposed 30 KLPD molasses based distillery by M/s Dwarkadhish Sakhar Karkhana Limited at village Sheware, Satana in District Nashik (Maharashtra).</i> <i>The ToR shall include the standard ToR as specified/notified applicable for such project/activity, and the additional terms and conditions as under:</i> <ul style="list-style-type: none"> • <i>Public consultation shall be conducted through the State Pollution Control Board as per the provisions of the EIA Notification, 2006.</i> • <i>For ground water abstraction, permission from the concerned regulatory authority/CGWA shall be obtained.</i> • <i>ESR plan for 5 years @5% of the project cost in consultation with nearby villagers to be submitted.</i> • <i>Layout plan earmarking space for development of green belt of 5 m width along the plant periphery, and also ensuring 33% of the project area to be developed as green area with native species plantation.</i> • <i>Compliance report for the existing environmental clearance, if any, duly certified by the concerned Regional Office of the Ministry to be submitted.</i>
26.4.9	Manufacturing of Synthetic Organic products mentioned in below table no.1 at Plot No.756/8+9, GIDC Estate, Jhagadia, District Bharuch (Gujarat) by M/s Aarti Industries Limited (Unit-IV) - ToR [IA/GJ/IND2/65244/2017, IA-J-11011/311/2017-IA-II(I)]
26.4.9.1	The project involves production of Synthetic Organic of M/s Aarti Industries Limited at the existing premises having a total area of 39050 sqm at Plot No.756/8+9 GIDC Estate, Jhagadia in District Bharuch (Gujarat). The project/activity is covered under category B of item 5 (f) of the Schedule to the EIA Notification, 2006. However, due to the applicability of general conditions (located

	<p>within 5 km of the Critically Polluted Area), the proposal was considered at the Central Government.</p>
26.4.9.2	<p><i>The EAC, after deliberations, recommended the proposal for grant of ToR for preparation of EIA/EMP reports for consideration of environmental clearance to the proposed project of Synthetic Organic of M/s Aarti Industries Limited in a total area of 39050 sqm at Plot No.756/8+9 GIDC Estate, Jhagadia, District Bharuch (Gujarat).</i></p> <p><i>The ToR shall include the standard ToR as specified/notified applicable for such project/activity, and other terms and conditions as under:</i></p> <ul style="list-style-type: none"> • <i>There shall be no requirement of public consultation in terms of the provisions contained in Section 7(i), III. Stage (3), Para (i)(b) of EIA Notification, 2006, as the project is located in the notified Industrial area/estate.</i> • <i>Fresh water demand from GIDC allocation should be minimized through process improvement and water recycling. There shall be no use of ground water.</i> • <i>ESR plan for 5 years @5% of the project cost in consultation with nearby villagers to be submitted.</i> • <i>Layout plan earmarking space for development of green belt of 5 m width along the plant periphery, and also ensuring 33% of the project area to be developed as green area with native species plantation.</i> • <i>Compliance report for the existing environmental clearance, if any, duly certified by the concerned Regional Office of the Ministry to be submitted.</i> <p><i>The Committee also desired that in view of the moratorium already lifted from Ankleshwar allowing increase/expansion in production in the area, the Ministry may consider referring such cases to SEAC/SEIAA for appraisal and grant of EC as per the provisions of the EIA Notification, 2006.</i></p>
26.4.10	<p>Expansion of Particle Board manufacturing unit by capacity enhancement of Particle Board from 1500 MT/month to 2400 MT/month and addition of new products Synthetic Organic resins (bonding glue) @850 MT/month, at S.No.441/P 1 & 2, Haripar-Kerala Road, Village Bela (Rangpar), Bela (Rangpar) in Taluka & District Morbi (Gujarat) by M/s Sun Particle Board Pvt Ltd - For ToR</p> <p>[IA/GJ/IND2/64813/2017, IA-J-11011/284/2017-IA-II(I)]</p>
26.4.10.1	<p>The project involves increase in production capacity of Particle Board manufacturing from 1500 MT/month to 2400 MT/month and addition of new products Synthetic Organic resins (bonding glue) of 850 TPM by M/s Sun Particle Board Pvt Ltd at the existing premises of a total area of 25192 sqm at S.No.441/P 1 & 2, Haripar-Kerala Road, Village Bela (Rangpar), Taluka & District Morbi (Gujarat).</p> <p>The project/activity of Particle Board manufacturing is not covered under the ambit of the EIA Notification, 2006, and thus not requiring prior EC for setting up a new unit and/or any expansion of the same. However, manufacturing the new product i.e. Bonding Glue (synthetic organic chemical) outside the notified industrial area is covered under category A of item 5 (f) of the Schedule to the EIA Notification, 2006. However, if the project/activity is rated as small unit due to water consumption <25</p>

	<p>cum/day, fuel consumption <25 TPD and not covered in the category of MAH units as per the Management, Storage and Import of Hazardous Chemical Rules, 1989, it is to appraised by the SEAC/SEIAA in the State.</p> <p>It was informed that the new product of bonding glue qualifies for small unit in respect of water consumption and the fuel consumption, but due to handling of hazardous chemicals more than the threshold, application has been made for consideration of the the proposal at the Central level as category A project/activity.</p>
26.4.10.2	<p><i>The EAC, after deliberations, noted that quantum of hazardous chemicals to be used in manufacturing of bonding glue is not consistent with the water and fuel consumption vis-à-vis its requirement in board manufacturing, and needs to be relooked for the mass balance. The proposal was, therefore, deferred.</i></p>
26.4.11	<p>Grain based Distillery of 55 KLPD with 2 MW Co- generation Power Plant at Plot No.B- 2/6 & B– 2/7, UPSIDC Industrial Area, Sandila Phase IV, Lucknow Hardoi Road, Tehsil Sandila, District Hardoi (UP) by M/s Shri Gang Industries and Allied Products Ltd - For ToR</p> <p>[IA/UP/IND2/66187/2017, IA-J-11011/375/2017-IA-II(I)]</p>
26.4.11.1	<p>The project involves setting up 55 KLPD Grain based Distillery along with 2.0 MW Co-generation Power Plant of M/s Shri Gang Industries and Allied Products Ltd in an area of 12.17 ha at Plot No.B-2/6 & B-2/7, UPSIDC Industrial Area, Sandila Phase IV, Lucknow Hardoi Road, Tehsil Sandila, District Hardoi (UP).</p> <p>The project/activity is covered under category B of item 5 (g) of the Schedule to the EIA Notification, 2006. However, due to non-existence of the SEIAA in UP, the proposal was considered at the Central Government.</p>
26.4.11.2	<p><i>The EAC, after deliberations, recommended the proposal for grant of ToR for preparation of EIA/EMP reports for consideration of environmental clearance to the proposed expansion 55 KLPD Grain based Distillery along with 2.0 MW Co-generation Power Plant of M/s Shri Gang Industries and Allied Products Ltd at the existing premises having a total area of 12.17 ha at Plot No. B- 2/6 & B– 2/7, UPSIDC Industrial Area, Sandila Phase IV, Lucknow Hardoi Road, Tehsil Sandila, District Hardoi (Uttar Pradesh).</i></p> <p><i>The ToR shall include the standard ToR as specified/notified applicable for such project/activity, and the additional terms and conditions as under:</i></p> <ul style="list-style-type: none"> • <i>Public consultation shall be conducted through the State Pollution Control Board as per the provisions of the EIA Notification, 2006.</i> • <i>For ground water abstraction, permission from the concerned regulatory authority/CGWA shall be obtained.</i> • <i>ESR plan for 5 years @5% of the project cost in consultation with nearby villagers to be submitted.</i> • <i>Layout plan earmarking space for development of green belt of 5 m width along the plant periphery, and also ensuring 33% of the project area to be developed as green area with native species plantation.</i>

	<ul style="list-style-type: none"> Compliance report for the existing environmental clearance, if any, duly certified by the concerned Regional Office of the Ministry to be submitted.
26.4.12	<p>Expansion of Existing Grain Based Distillery (120 to 240 KLPD) & Co-Generation Power Plant (3.5 to 8.0 MW) by installation of Unit II - 120 KLPD Grain Based & 4.5 MW Co-Generation Power Plant at Industrial Park, Panagarh, District Burdwan (West Bengal) by M/s Globus Spirits Ltd - For ToR</p> <p>[IA/WB/IND2/63642/2017, IA-J-11011/155/2017-IA-II(I)]</p>
26.4.12.1	<p><i>The project proponent did not attend the meeting and as such, the proposal was deferred.</i></p>

26.5. Any other

26.5.1	<p>Expansion of Bulk Drug Unit by adding Active Pharma Ingredients (60 TPA) at Plot No.125 & 126, SIPCOT Industrial Complex, Village & Tehsil Hosur, District Krishnagiri (Tamil Nadu) by M/s Global Calcium - For amendment in EC</p> <p>[IA/TN/IND2/28681/2014, No.-J-11011/411/2006-IA-II (I)]</p>
26.5.1.1	<p><i>The EAC, after deliberations, recommended the proposed amendment in the Environmental Clearance dated 16th August, 2016 for the above project, with the details as under-</i></p> <ul style="list-style-type: none"> <i>In para 2 of the EC, product details to be read as those mentioned in the ToR for the project issued on 10th February, 2015,</i> <i>In para 3 of the EC, coal fired boiler to be read as biomass fired boiler.</i> <p><i>Rest of the terms and conditions stipulated in the Environmental Clearance shall remain unchanged.</i></p>
26.5.2	<p>Bulk Drug Manufacturing [API (65 TPA) and Steroid (5 TPA)] Plant at Plot No. C-25, RIICO Industrial Area, Village Sotanala, Tehsil Behror, District Alwar (Rajasthan) by M/s Shree Jee Laboratory Pvt. Ltd - Amendment in EC</p> <p>[IA/RJ/IND2/65562/2015, J-11011/176/2014-IA II (I)]</p>
26.5.2.1	<p><i>The EAC, after deliberations, noted that the proposed changes in the EC dated 25th June, 2015 for the above project involve increase in total plot area and also change in series of products (both APIs and Steroids), and thus change in scope of work. The proposal thus not qualifies for the amendment in the EC in terms of the provisions of the EIA Notification, 2006. The proposal was, therefore, not taken forward.</i></p>
26.5.3	<p>Expansion of specialty chemicals manufacturing unit from 390.01 to 1702.01 MT/month at Karkhadi, Padra-Jambusar road, Taluda-Padra, Distt- Vadodara, Gujarat by M/s Solaries Chemtech Limited - Extension of validity and Name Change from M/s Solaris Chemtech Limited to M/s Neogen Chemicals Ltd</p> <p>[IA/GJ/IND2/65281/2009, J-11011/377/2008]</p>

26.5.3.1	The environmental clearance to the project 'Expansion of specialty chemicals manufacturing unit' at Karakhadi, Taluka Padra in District Vadodara (Gujarat) was granted by the Ministry in favour of M/s Solaris Chemtech Ltd on 3 rd June, 2009. Now, it has been informed that due to financial problems, the expansion project could not be implemented timely. Meanwhile, M/s Neogen Chemicals Ltd has taken over the entire unit and requested for transfer of the EC in their name, and also for extension of the validity of the EC.
26.5.3.2	The EAC, at the first instance, observed that validity of the EC dated 3 rd June, 2009 for the above project was already expired by now. The EIA Notification, 2006 provides for extension of validity of the EC with due diligence of the EAC, if the request in this regard is made well before expiry of the EC. In the instant case, request has been made much after the expiry of EC validity, and that too by another proponent. <i>The proposal was, therefore, not agreed to by the EAC.</i>
26.5.4	Grain based Distillery Plant (R.S and ENA;100KLD) with CPP (4.0MW) at Plot No.B-1 Lonanad Industrial Estate, MIDC Industrial Area, Lonad, District Satara, Maharashtra by M/s Privilege Industries Ltd - Extension of validity of EC [IA/MH/IND2/65353/2011, J-11011/381/2007-IA.II(IA)]
26.5.4.1	<i>The project proponent did not attend the meeting and as such, the proposal was deferred.</i>
26.5.5	Expansion of Petrochemical unit by Increase in production of Benzoic Acid from 1000 MTPA to 1250 MTPA by way of process improvement at MIDC Taloja in District Raigad (Maharashtra) by M/s IG Petrochemicals Ltd - Amendment in EC [IA/MH/IND2/63841/2009, J-11011/994/2007-IA II (I)]
26.5.5.1	The EAC, in the first instance, observed that validity of the EC dated December, 2009 for the above project was already expired by now. The EIA Notification, 2006 provides for extension of validity of the EC with due diligence of the EAC, if the request in this regard is made well before expiry of the EC. In the instant case, proposal is submitted for amendment in EC, much after its expiry. <i>The proposal was, therefore, not agreed to by the EAC.</i>
26.5.6	Expansion of grain based distillery unit from 45 KLPD to 65 KLPD at SP-156, RICCO Industrial Area, Village Ajitgarh, Tehsil Srimadhapur, District Sikar (Rajasthan) by M/s Agribiotech Industries Limited - Amendment in EC [IA/RJ/IND2/65758/2009, J-11011/486/2009-IA II (I)]
26.5.6.1	The project for expansion of grain based distillery from 45 KLPD to 65 KLPD of M/s Agribiotech Industries Ltd in a total area of 33 acres at RICCO Industrial Area, Tehsil Srimadhapur, District Sikar (Rajasthan) was granted environmental clearance by this Ministry vide letter dated 7 th December, 2009.

	Now the project proponent proposes modification in spent wash treatment with the installation of Multi Effect Evaporator (MEE) in the existing unit. Accordingly, amendment in the EC has been sought for adoption of better environmental management and thus to add on to the eco-friendly nature of the industry.
26.5.6.2	<p>The EAC, in the first instance, desired to know the present status of the project and asked the project proponent to submit certified copy of the report on compliance status of EC conditions. The Committee further noted that there was no extension of validity of the EC dated 7th December, 2009, and has since been expired by now. The present proposal is submitted for amendment in EC, much after its expiry.</p> <p><i>The proposal was, therefore, not agreed to by the EAC.</i></p>
26.5.7	<p>Expansion of Chemical Unit (from 24,980.04 to 1,45,695.04 MTPA) of M/s Gulbrandsen Chemicals Pvt. Ltd. located at Sy no.202 to 205, 265b, 266a, 266b, 285 to 294, 296 to 298, 321, 323, 326, 200, 199 Coastal Highways, Village Mujpur, Tehsil Padra, District Vadodara (Gujarat) - Amendment in EC</p> <p>[IA/GJ/IND2/65714/2014, J-11011/490/2011-IA-II(I)]</p>
26.5.7.1	<p><i>The EAC, after deliberations, recommended the proposed amendment in the Environmental Clearance dated 23rd January, 2014 for the above project, with the details as under-</i></p> <ul style="list-style-type: none"> • <i>In para 2, total plant area after the expansion to be read as 10.4364 ha in place of 7.88 ha,</i> • <i>In the subject and para 2, Sy. No.194, 195, 196, 197, 198, 206, 327 & 449 to be added to the given Sy. Nos.</i> <p><i>Rest of the terms and conditions stipulated in the Environmental Clearance shall remain unchanged.</i></p>
26.5.8	<p>Proposed 30 KLPD capacity of distillery unit in existing Sugar complex at Post Sadashivnagar, Tehsil Kagal, District Kolhapur, Maharashtra by M/s Sadashivrao Mandlik Kagal Taluka SSK Ltd - Amendment in EC</p> <p>[IA/MH/IND2/58636/2015, J-11011/18/2015-IA II (I)]</p>

<p>26.5.8.1</p>	<p>The project for setting up 30 KLPD capacity distillery unit of M/s Sadashivrao Mandlik Kagal Taluka SSK Ltd at Post Sadashivnagar, Tehsil Kagal, District Kolhapur (Maharashtra) was granted environmental clearance by this Ministry vide letter dated 11th April, 2017.</p> <p>Now the project proponent has asked for amendment in the EC with the details as under:-</p> <table border="1" data-bbox="284 432 1511 1279"> <thead> <tr> <th data-bbox="284 432 400 506">S. No.</th> <th data-bbox="400 432 611 506">Particulars</th> <th data-bbox="611 432 1046 506">Mentioned in the EC</th> <th data-bbox="1046 432 1511 506">Corrections desired (as per the EIA)</th> </tr> </thead> <tbody> <tr> <td data-bbox="284 506 400 725">1.</td> <td data-bbox="400 506 611 725">Page 1 of EC, Products table</td> <td data-bbox="611 506 1046 725">Ethyl Alcohol (*). However no explanation is given for (*)</td> <td data-bbox="1046 506 1511 725">As mentioned in EIA, Chapter 1, Table 1, the note explains as 'This will include RS (Rectified Spirit), ENA (Extra Neutral Alcohol) and Absolute Alcohol (Ethanol)'</td> </tr> <tr> <td data-bbox="284 725 400 983">2.</td> <td data-bbox="400 725 611 983">Page 2, para 3 of EC</td> <td data-bbox="611 725 1046 983">The factory has two existing boilers of 15 TPH each installed in Sugar Co-gen unit.</td> <td data-bbox="1046 725 1511 983">As mentioned in EIA, Chapter 1, Table 3, Row 11, the sentence should be: 'The factory has two existing boilers of 50 TPH each installed in Sugar Co-gen unit.'</td> </tr> <tr> <td data-bbox="284 983 400 1279">3.</td> <td data-bbox="400 983 611 1279">Page 2, para 3 of EC</td> <td data-bbox="611 983 1046 1279">Concentrated spent wash/Baggasse/Briquettes shall be used as boiler fuel.</td> <td data-bbox="1046 983 1511 1279">As mentioned in EIA, Chapter 2, Table 14, the fuel also includes Coal. Hence the sentence should be modified as 'Concentrated spent wash/Coal/Baggasse/Briquettes shall be used as boiler fuel.'</td> </tr> </tbody> </table>	S. No.	Particulars	Mentioned in the EC	Corrections desired (as per the EIA)	1.	Page 1 of EC, Products table	Ethyl Alcohol (*). However no explanation is given for (*)	As mentioned in EIA, Chapter 1, Table 1, the note explains as 'This will include RS (Rectified Spirit), ENA (Extra Neutral Alcohol) and Absolute Alcohol (Ethanol)'	2.	Page 2, para 3 of EC	The factory has two existing boilers of 15 TPH each installed in Sugar Co-gen unit.	As mentioned in EIA, Chapter 1, Table 3, Row 11, the sentence should be: 'The factory has two existing boilers of 50 TPH each installed in Sugar Co-gen unit.'	3.	Page 2, para 3 of EC	Concentrated spent wash/Baggasse/Briquettes shall be used as boiler fuel.	As mentioned in EIA, Chapter 2, Table 14, the fuel also includes Coal. Hence the sentence should be modified as 'Concentrated spent wash/Coal/Baggasse/Briquettes shall be used as boiler fuel.'
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<p>26.5.8.2</p>	<p><i>The EAC, after deliberations, agreed to the justification for the proposed amendments, and recommended for the same to be incorporated in the EC dated 11th April, 2017 for the project.</i></p>																
<p>26.5.9</p>	<p>Distillery Unit Molasses/Grain Based (64 KLPD) alongwith Co-gen Plant (25MW) and Captive Power Plant (3MW) at S.F. Nos 271, 272, 276,277, 279, 280, 281, 294, 295, 284, 285, 268, 283, 267, 270, 269, 282, village Vengur, Tehsil Thirukoyillur, District Villupuram (Tamil Nadu) by M/s Madras Sugar Ltd - Amendment in EC</p> <p>[IA/TN/IND/5666/2011, J-11011/566/2010-IA.II(I)]</p>																
<p>26.5.9.1</p>	<p>The project for setting up 30 KLPD capacity Molasses/Grain Based distillery unit Co-gen Plant (25MW) and Captive Power Plant (3MW) by M/s Madras Sugar Ltd at S.F. Nos 271, 272, 276,277, 279, 280, 281, 294, 295, 284, 285, 268, 283, 267, 270, 269, 282, village Vengur, Tehsil Thirukoyillur, District Villupuram (Tamil Nadu) was granted environmental clearance by this Ministry vide letter dated 20th April, 2012.</p>																

	<p>Now the project proponent has asked for amendment in the EC with the details as under:-</p> <ol style="list-style-type: none"> i. To include additional SF Nos.292 & 293 in the Vengur village. ii. To incorporate the name change of the Company from Madras Sugars Limited to Bannari Amman Sugars Limited.
26.5.9.2	<i>The EAC, after deliberations has agreed to the proposed amendments.</i>

Day Two: 28th July, 2017

26.6.1	<p>Expansion of Manufacturing of synthetic organic Chemicals, Active Pharmaceutical Ingredients and Technical Pesticides at Plot No. W-179, TTC Industrial Area, Pawane, Navi Mumbai 400710, Maharashtra by M/s PAX Chem Ltd - For ToR</p> <p>[IA/MH/IND2/64586/2017, IA-J-11011/226/2017-IA-II(I)]</p>
26.6.1.1	<p>The project involves manufacturing of synthetic organic Chemicals and Technical grade pesticides with production capacity of 900 TPA of M/s Paxchem Ltd at the existing premises having a total area of 1150 sqm at Plot No. W-179, TTC Industrial Area, Pawane, Navi Mumbai (Maharashtra). The project/activity is covered under category A of item 5 (b) & 5 (f) of the Schedule to the EIA Notification, 2006.</p>
26.6.1.2	<p><i>The EAC, after deliberations, recommended the proposal for grant of ToR for preparation of EIA/EMP reports for consideration of environmental clearance to the proposed manufacturing of synthetic organic Chemicals and Technical grade pesticides with production capacity of 900 TPA of M/s Paxchem Ltd at the existing premises having a total area of 1150 sqm at Plot No. W-179, TTC Industrial Area, Pawane, Navi Mumbai (Maharashtra).</i></p> <p><i>The ToR shall include the standard ToR as specified/notified applicable for such project/activity, and other terms and conditions as under:</i></p> <ul style="list-style-type: none"> • <i>There shall be no requirement of public consultation in terms of the provisions contained in Section 7(i), III. Stage (3), Para (i)(b) of EIA Notification, 2006, as the project is located in the notified Industrial area/estate.</i> • <i>In case of ground water abstraction, permission from the concerned regulatory authority/CGWA shall be obtained. Fresh water demand should be minimized through process improvement and water recycling.</i> • <i>ESR plan for 5 years @5% of the project cost in consultation with nearby villagers to be submitted.</i> • <i>Layout plan earmarking space for development of green belt of 5 m width along the plant periphery, and also ensuring 33% of the project area to be developed as green area with native species plantation.</i> • <i>Compliance report for the existing environmental clearance, if any, duly certified by the concerned Regional Office of the Ministry to be submitted.</i>

26.6.2	<p>Proposed expansion project for manufacturing of synthetic organic chemicals Plot No. C-1/ 7131, 7132, 7133 & C-1/7102 GIDC Estate Ankleshwar, District Bharuch (Gujarat) by M/s Danopharm Chemicals Pvt Ltd - For ToR</p> <p>[IA/GJ/IND2/65130/2017, IA-J-11011/306/2017-IA-II(I)]</p>
26.6.2.1	<p>The project involves increase in production capacity of the Synthetic Organic Chemical manufacturing unit of M/s Danopharm Chemicals Pvt Ltd in a total area of 2915.80 sqm (existing land 2211.80 sqm and additional land of 704 m²) at Plot No. C-1/ 7131, 7132, 7133 & C-1/7102 GIDC Estate Ankleshwar, District Bharuch (Gujarat). The project/activity is covered under category B of item 5 (f) of the Schedule to the EIA Notification, 2006. However, considering the applicability of general conditions (located within 5 km of the Critically Polluted Area), the proposal was considered at the Central Level.</p>
26.6.2.2	<p><i>The EAC, after deliberations, recommended the proposal for grant of ToR for preparation of EIA/EMP reports for consideration of environmental clearance to the proposed expansion project of Synthetic Organic Chemical manufacturing unit of M/s Danopharm Chemicals Pvt Ltd in a total area of 2915.80 sqm at Plot No. C-1/ 7131, 7132, 7133 & C-1/7102 GIDC Estate Ankleshwar, District Bharuch (Gujarat).</i></p> <p><i>The ToR shall include the standard ToR as specified/notified applicable for such project/activity, and other terms and conditions as under:</i></p> <ul style="list-style-type: none"> • <i>There shall be no requirement of public consultation in terms of the provisions contained in Section 7(i), III. Stage (3), Para (i)(b) of EIA Notification, 2006, as the project is located in the notified Industrial area/estate.</i> • <i>Fresh water demand from GIDC allocation should be minimized through process improvement and water recycling. There shall be no use of ground water.</i> • <i>ESR plan for 5 years @5% of the project cost in consultation with nearby villagers to be submitted.</i> • <i>Layout plan earmarking space for development of green belt of 5 m width along the plant periphery, and also ensuring 33% of the project area to be developed as green area with native species plantation.</i> • <i>Compliance report for the existing environmental clearance, if any, duly certified by the concerned Regional Office of the Ministry to be submitted.</i> <p><i>The Committee also desired that in view of the moratorium already lifted from Ankleshwar allowing increase/expansion in production in the area, the Ministry may consider referring such cases to SEAC/SEIAA for appraisal and grant of EC as per the provisions of the EIA Notification, 2006.</i></p>
26.6.3	<p>Expansion of Specialty Chemicals in existing unit of Shivansh Pharma Chem Plot No.102, GIDC Estate, NR. Ganeshanand Crossway, Panoli, District Bharuch (Gujarat) - For ToR</p> <p>[IA/GJ/IND2/65135/2017, IA-J-11011/307/2017-IA-II(I)]</p>
26.6.3.1	<p>The project involves expansion of APIs and Specialty Chemicals by M/s Shivansh</p>

	<p>Pharma Chem at the existing premises of a total area of 1867 sqm at Plot No.102, GIDC Estate, NR. Ganeshanand Crossway, Panoli, District Bharuch (Gujarat).</p> <p>The project/activity is covered under category B of item 5 (f) of the Schedule to the EIA Notification, 2006. However, due to the applicability of general conditions (located within 5 km of the Critically Polluted Area), the proposal was considered at the Central level.</p>
26.6.3.2	<p><i>The EAC, after deliberations, recommended the proposal for grant of ToR for preparation of EIA/EMP reports for consideration of environmental clearance to the proposed expansion of APIs and Specialty Chemicals of M/s Shivansh Pharma Chem at the existing premises having a total area of 1867 sqm at Plot No.102, GIDC Estate, NR. Ganeshanand Crossway, Panoli, District Bharuch (Gujarat).</i></p> <p><i>The ToR shall include the standard ToR as specified/notified applicable for such project/activity, and other terms and conditions as under:</i></p> <ul style="list-style-type: none"> • <i>There shall be no requirement of public consultation in terms of the provisions contained in para Section 7(i), III. Stage (3), Para (i)(b) of EIA Notification, 2006, as the project is located in the notified Industrial area/estate.</i> • <i>Fresh water demand from GIDC allocation should be minimized through process improvement and water recycling. There shall be no use of ground water.</i> • <i>ESR plan for 5 years @5% of the project cost in consultation with nearby villagers to be submitted.</i> • <i>Layout plan earmarking space for development of green belt of 5 m width along the plant periphery, and also ensuring 33% of the project area to be developed as green area with native species plantation.</i> • <i>Compliance report for the existing environmental clearance, if any, duly certified by the concerned Regional Office of the Ministry to be submitted.</i> <p><i>The Committee also desired that in view of the moratorium already lifted from Ankleshwar allowing increase/expansion in production in the area, the Ministry may consider referring such cases to SEAC/SEIAA for appraisal and grant of EC as per the provisions of the EIA Notification, 2006.</i></p>
26.6.4	<p>Manufacturing of API intermediates, organic & inorganic chemicals at Plot No. 915, Near Gayatri Chemical, Panoli, District Bharuch (Gujarat) by M/s Om Shiv Industries - For ToR</p> <p>[IA/GJ/IND2/64928/2017, IA-J-11011/264/2017-IA-II(I)]</p>
26.6.4.1	<p>The project involves manufacturing API intermediates, organic & inorganic chemicals with the production capacity of 1275 TPM of final product and 25 TPM by product of M/s Om Shiv Industries at the existing premises having a total area of 3089 sqm at Plot No. 915, Near Gayatri Chemical, Panoli, District Bharuch (Gujarat).</p> <p>The project/activity is covered under category B of item 5 (f) of the Schedule to the EIA Notification, 2006. However, due to the applicability of general conditions (located within 5 km of the Critically Polluted Area), the proposal was considered at the Central</p>

	Government.
26.6.4.2	<p><i>The EAC, after deliberations, recommended the proposal for grant of ToR for preparation of EIA/EMP reports for consideration of environmental clearance to the proposed manufacturing API intermediates, organic & inorganic chemicals with the production capacity of 1275 TPM of final product and 25 TPM of byproduct of M/s Om Shiv Industries at the existing premises having a total area of 3089 sqm at Plot No. 915, Near Gayatri Chemical, Panoli, District Bharuch (Gujarat).</i></p> <p><i>The ToR shall include the standard ToR as specified/notified applicable for such project/activity, and other terms and conditions as under:</i></p> <ul style="list-style-type: none"> • <i>There shall be no requirement of public consultation in terms of the provisions contained in Section 7(i), III. Stage (3), Para (i)(b) of EIA Notification, 2006, as the project is located in the notified Industrial area/estate.</i> • <i>Fresh water demand from GIDC allocation should be minimized through process improvement and water recycling. There shall be no use of ground water.</i> • <i>ESR plan for 5 years @5% of the project cost in consultation with nearby villagers to be submitted.</i> • <i>Layout plan earmarking space for development of green belt of 5 m width along the plant periphery, and also ensuring 33% of the project area to be developed as green area with native species plantation.</i> • <i>Compliance report for the existing environmental clearance, if any, duly certified by the concerned Regional Office of the Ministry to be submitted.</i> <p><i>The Committee also desired that in view of the moratorium already lifted from Ankleshwar allowing increase/expansion in production in the area, the Ministry may consider referring such cases to SEAC/SEIAA for appraisal and grant of EC as per the provisions of the EIA Notification, 2006.</i></p>
26.6.5	<p>Expansion of manufacturing of Pharma API (Bulk Drugs), Pharma and Dye Intermediates, Food and Nutraceuticals and Cosmetic Products on plot no.1/2402/02, Ankleshwar, District Bharuch by M/s Jay Jalaram Enterprise - For ToR</p> <p>[IA/GJ/IND2/64564/2017, IA-J-11011/251/2017-IA-II(I)]</p>
26.6.5.1	<p>The project involves increase in production capacity of the Synthetic Organic Chemical manufacturing unit of M/s Jay Jalaram Enterprise at the existing premises having a total area of 2035 sqm at Plot No. 1/2402/02, GIDC Estate, Ankleshwar, District Bharuch (Gujarat). The project/activity is covered under category A of item 5 (f) of the Schedule to the EIA Notification, 2006. However, due to the applicability of general conditions (located within 5 km of the Critically Polluted Area), the proposal was considered at the Central level.</p>
26.6.5.2	<p><i>Due to the discrepancy in the Form-I and the presentation, the proposal was not taken forward and deferred.</i></p>

26.6.6	<p>Manufacturing of Synthetic Organic products no.1 at Plot No. 41/1 GIDC Estate, Jhagadia, District Bharuch (Gujarat) by M/s Aarti Industries Limited (Unit-V) - For ToR</p> <p>[IA/GJ/IND2/65187/2017, IA-J-11011/288/2017-IA-II(I)]</p>
26.6.6.1	<p>The project involves manufacturing of Synthetic Organic products with the production capacity of 2270 TPM (Product-Aryl-Dianhydrides and Aryl-Phthalimides) of M/s Aarti Industries Ltd (Unit-V) in a total area of 112435 sqm at Plot No. 41/1, GIDC Estate, Ankleshwar, District Bharuch (Gujarat).</p> <p>The project/activity is covered under category B of item 5 (f) of the Schedule to the EIA Notification, 2006. However, due to applicability of general conditions (located within 5 km of the Critically Polluted Area) and also SEIAA not in existing/operation in the State, the project was accepted and considered at the Central level.</p>
26.6.6.2	<p><i>The EAC, after deliberations, recommended the proposal for grant of ToR for preparation of EIA/EMP reports for consideration of environmental clearance to the proposed manufacturing of Synthetic Organic products with the production capacity of 2270 TPM (Product-Aryl-Dianhydrides and Aryl-Phthalimides) of M/s Aarti Industries Ltd (Unit-V) in a total area of 112435 sqm at Plot No. 41/1, GIDC Estate, Ankleshwar, District Bharuch (Gujarat).</i></p> <p><i>The ToR shall include the standard ToR as specified/notified applicable for such project/activity, and other terms and conditions as under:</i></p> <ul style="list-style-type: none"> • <i>There shall be no requirement of public consultation in terms of the provisions contained in Section 7(i), III. Stage (3), Para (i)(b) of EIA Notification, 2006, as the project is located in the notified Industrial area/estate.</i> • <i>Fresh water demand from GIDC allocation should be minimized through process improvement and water recycling, which would include use of modern cooling towers, possibility of air coolers instead of water based heat exchangers. A study report has to be submitted in this regard.</i> • <i>There shall be no use of ground water.</i> • <i>ESR plan for 5 years @5% of the project cost in consultation with nearby villagers to be submitted.</i> • <i>Layout plan earmarking space for development of green belt of 5 m width along the plant periphery, and also ensuring 33% of the project area to be developed as green area with native species plantation.</i> • <i>Compliance report for the existing environmental clearance, if any, duly certified by the concerned Regional Office of the Ministry to be submitted.</i> <p><i>The Committee also desired that in view of the moratorium already lifted from Ankleshwar allowing increase/expansion in production in the area, the Ministry may consider referring such cases to SEAC/SEIAA for appraisal and grant of EC as per the provisions of the EIA Notification, 2006.</i></p>
26.6.7	<p>Expansion of Dyes & Synthetic Organic Chemicals in existing of M/s. Harish Chemicals Plot No. 813, Road No.8, beside Janki Complex GIDC Estate-Sachin, District Surat (Gujarat) - For ToR</p>

	[IA/GJ/IND2/65091/2017, IA-J-11011/305/2017-IA-II(I)]
26.6.7.1	<i>The project proponent did not attend the meeting. The proposal was, therefore, deferred.</i>
26.6.8	Expansion of Manufacturing and supply of Synthetic Coal Tar Dyes, Lakes & Pigments for Food, Drug, Cosmetics, Personal Care and Ink Industries, Natural Colours & Chemicals at Plot no. 17, unit no. II, MIDC-Dhatav-Roha, Taluka-Roha, District Raigad (Maharashtra) by M/s Neelikon Food Dyes & Chemicals Ltd.
26.6.8.1	The project involves expansion of manufacturing unit of Synthetic Coal Tar Dyes, Lakes & Pigments for Food, Drug, Cosmetics, Personal Care and Ink Industries, Natural Colours & Chemicals from 150 TPM to 850 TPM by M/s Neelikon Food Dyes & Chemicals Ltd in a total area of 39569 sqm at Plot no. 17, Unit No.II, MIDC Dhatav-Roha, Taluka Roha, District Raigad (Maharashtra).
26.6.8.2	The proposal was earlier considered by the EAC in the Ministry in its meeting held on 27 th May, 2016. The observations of the Committee were as under:- 'It was informed that as per draft Notification of MoEF&CC vide ref.no. S.O.2435 dated 4 th September, 2015, Village Dhatav, where proposed project located, is declared as an Eco-Sensitive Area. However, the final notification has not been issued. Therefore, the Committee was of the view that till the finalization of Notification, the project cannot be considered as 'A' category and advised to approach SEIAA/SEAC, Maharashtra for award of ToR. The project is, therefore, returned with the remarks that proposal at this stage should be considered as B category by SEIAA/SEAC, Maharashtra till the final decision on eco-sensitive is taken.'
26.6.8.3	<i>The EAC, after deliberations, observed that there was no change in the status as was observed during the meeting held on 27th May, 2016 and now. The Committee recommended that since the Eco-Sensitive area has yet not been notified, the proposal remains vested with the SEIAA. It was further suggested to write to SEIAA for considering the project at their end.</i>
26.6.9	Manufacturing of Pigment- Green-7 (Copper Phthalocyanine Green) with installed capacity of 3MT/Month at plot No: Plot No. 3613, GIDC Estate, Behind Telephone Exchange Ankleshwar, District Bharuch (Gujarat) by M/s Krima Sil Pvt Ltd - For ToR [IA/GJ/IND2/65369/2017, IA-J-11011/322/2017-IA-II(I)]
26.6.9.1	The project involves manufacturing of Organo Metallic Compound 'Pigment Green-7 (Copper Phthalocyanine Green)', Poly Aluminium Chloride and Aluminium Chloride of total capacity of 1168 TPM of M/s Krima Sil Pvt Ltd in a total area of 5060 sqm at Plot No.3613, GIDC Estate, Behind Telephone Exchange, Ankleshwar, District Bharuch (Gujarat). Total water requirement is estimated to be 170.6 cum/day. Fresh water allocation by GIDC is 92.6 cum/day. Rest of the water is to be met through recycled/treated water.

	<p>The project/activity is covered under category B of item 5 (f) of the Schedule to the EIA Notification, 2006. However, due to the applicability of general conditions (located within 5 km of the Critically Polluted Area), the proposal was considered at the Central level.</p>
26.6.9.2	<p><i>The EAC, after deliberations, recommended the proposal for grant of ToR for preparation of EIA/EMP reports for consideration of environmental clearance to the proposed manufacturing of Pigment- Green-7 (Copper Phthalocyanine Green) Poly Aluminium Chloride and Aluminium Chloride of total capacity of 1168 TPM of M/s Krma Sil Pvt Ltd in a total area of 5060 sqm at Plot No.3613, GIDC Estate, Behind Telephone Exchange, Ankleshwar, District Bharuch (Gujarat).</i></p> <p><i>The ToR shall include the standard ToR as specified/notified applicable for such project/activity, and other terms and conditions as under:</i></p> <ul style="list-style-type: none"> • <i>There shall be no requirement of public consultation in terms of the provisions contained in Section 7(i), III. Stage (3), Para (i)(b) of EIA Notification, 2006, as the project is located in the notified Industrial area/estate.</i> • <i>Fresh water demand from GIDC allocation should be minimized through process improvement and water recycling. There shall be no use of ground water.</i> • <i>ESR plan for 5 years @5% of the project cost in consultation with nearby villagers to be submitted.</i> • <i>Layout plan earmarking space for development of green belt of 5 m width along the plant periphery, and also ensuring 33% of the project area to be developed as green area with native species plantation.</i> • <i>Compliance report for the existing environmental clearance, if any, duly certified by the concerned Regional Office of the Ministry to be submitted.</i> <p><i>The Committee also desired that in view of the moratorium already lifted from Ankleshwar allowing increase/expansion in production in the area, the Ministry may consider referring such cases to SEAC/SEIAA for appraisal and grant of EC as per the provisions of the EIA Notification, 2006.</i></p>
26.6.10	<p>Proposed 60 KLPD Molasses Based Distillery along with 2.5 MW Co-generation Power Plant at Village Kuiyan, Post Areli, Tehsil Tilhar, District Shahjahanpur, Uttar Pradesh by M/s Dalmia Chini Mills Nigohi – Distillery Division (A Unit of Dalmia Bharat Sugar and Industries Limited) - For ToR</p> <p>[IA/UP/IND2/65427/2017, IA-J-11011/315/2017-IA-II(I)]</p>
26.6.10.1	<p>The project involves setting up of Molasses Based Distillery of 60 KLPD and 2.5 MW Co-generation Power Plant in a total area of 11 acres of M/s Dalmia Chini Mills Nigohi – Distillery Division (A Unit of Dalmia Bharat Sugar and Industries Limited) at Village Kuiyan, Post Areli, Tehsil Tilhar, District Shahjahanpur (UP). Total water requirement is estimated to be 530 cum/day of ground water.</p> <p>The project/activity is covered under category A of item 5 (g) of the Schedule to the EIA Notification, 2006.</p>

<p>26.6.10.2</p>	<p><i>The EAC, after deliberations, recommended the proposal for grant of ToR for preparation of EIA/EMP reports for consideration of environmental clearance to the Molasses Based Distillery of 60 KLPD and 2.5 MW Co-generation Power Plant in a total area of 11 acres of M/s Dalmia Chini Mills Nigohi - Distillery Division at Village Kuiyan, Post Areli, Tehsil Tilhar, District Shahjahanpur (UP).</i></p> <p><i>The ToR shall include the standard ToR as specified/notified applicable for such project/activity, and the additional terms and conditions as under:</i></p> <ul style="list-style-type: none"> • <i>Public consultation shall be conducted as per EIA Notification, 2006.</i> • <i>For ground water abstraction, permission from the concerned regulatory authority/CGWA shall be obtained.</i> • <i>ESR plan for 5 years @5% of the project cost in consultation with nearby villagers to be submitted.</i> • <i>Layout plan earmarking space for development of green belt of 5 m width along the plant periphery, and also ensuring 33% of the project area to be developed as green area with native species plantation.</i> • <i>Compliance report for the existing environmental clearance, if any, duly certified by the concerned Regional Office of the Ministry to be submitted.</i>
<p>26.6.11</p>	<p>Proposed expansion of manufacturing of organic chemicals at plot No.1107/1 & 2 GIDC Estate, Ankleshwar, Gujarat by M/s Narayan Organics Pvt Ltd - For ToR</p> <p>[IA/GJ/IND2/65452/2017, IA-J-11011/324/2017-IA-II(I)]</p>
<p>26.6.11.1</p>	<p>The project involves manufacturing of synthetic organic chemicals (Product-CPC Blue pigment and byproduct Ammonium Sulphate and Ammonium Carbonate solution) from 648 TPM to 1600 TPM of M/s Narayan Organics Pvt Ltd in a total area of 5000 sqm at Plot No.1107/1 & 2 GIDC Estate, Ankleshwar, District Bharuch (Gujarat). Total water requirement would be increased from the present of 43 cum/day to 415.5 cum/day. Fresh water allocation by GIDC is 43 cum/day. Rest of the water requirement is to be met through recycled/treated water.</p> <p>The project/activity is covered under category B of item 5 (f) of the Schedule to the EIA Notification, 2006. However, due to the applicability of general conditions (located within 5 km of the Critically Polluted Area), the proposal was considered at the Central level.</p>
<p>26.6.11.2</p>	<p><i>The EAC, after deliberations, recommended the proposal for grant of ToR for preparation of EIA/EMP reports for consideration of environmental clearance to the proposed manufacturing of synthetic organic chemicals (Product-CPC Blue pigment and byproduct Ammonium Sulphate and Ammonium Carbonate solution) from 648 TPM to 1600 TPM of M/s Narayan Organics Pvt Ltd in a total area of 5000 sqm at Plot No.1107/1 & 2 GIDC Estate, Ankleshwar, District Bharuch (Gujarat).</i></p> <p><i>The ToR shall include the standard ToR as specified/notified applicable for such project/activity, and other terms and conditions as under:</i></p> <ul style="list-style-type: none"> • <i>There shall be no requirement of public consultation in terms of the provisions contained in Section 7(i), III. Stage (3), Para (i)(b) of EIA Notification, 2006, as</i>

	<p><i>the project is located in the notified Industrial area/estate.</i></p> <ul style="list-style-type: none"> • <i>Fresh water demand from GIDC allocation should be minimized through process improvement and water recycling. There shall be no use of ground water.</i> • <i>ESR plan for 5 years @5% of the project cost in consultation with nearby villagers to be submitted.</i> • <i>Layout plan earmarking space for development of green belt of 5 m width along the plant periphery, and also ensuring 33% of the project area to be developed as green area with native species plantation.</i> • <i>Compliance report for the existing environmental clearance, if any, duly certified by the concerned Regional Office of the Ministry to be submitted.</i> <p><i>The Committee also desired that in view of the moratorium already lifted from Ankleshwar allowing increase/expansion in production in the area, the Ministry may consider referring such cases to SEAC/SEIAA for appraisal and grant of EC as per the provisions of the EIA Notification, 2006.</i></p>
26.6.12	<p>Proposed implementation of the permitted (expansion CFE & EC) expansion activity of manufacturing Active Pharmaceutical Ingredients (APIs) from API intermediates at Sy. No. 543/A, 544/A, Seetavani Gudem (V), Bhoodan Pochampally (M), Yadadri District (Telangana) by M/s Saiteja Drugs and Intermediates Pvt Ltd - For ToR</p> <p>[IA/TG/IND2/65449/2017, IA-J-11011/316/2017-IA-II(I)]</p>
26.6.12.1	<p><i>The project proponent did not attend the meeting and as such, the proposal was deferred.</i></p>
26.6.13	<p>Expansion of API Bulk Drugs Manufacturing Unit at Plot No. 322/4, 40 Shed Area, GIDC Notified Industrial Estate Area, Taluka Pardi, District Valsad (Gujarat) by M/s Amoli Organics Pvt Ltd - For ToR</p> <p>[IA/GJ/IND2/65049/2017, IA-J-11011/302/2017-IA-II(I)]</p>
26.6.13.1	<p>The project involves expansion of API Bulk Drugs Manufacturing Unit from 46.4 TPM to 335 TPM of M/s Amoli Organics Pvt Ltd in a total area of 7801 sqm at Plot No. 322/4, 40 Shed Area, GIDC Notified Industrial Estate Area, Taluka Pardi, District Valsad (Gujarat). Total water requirement would be increased from the present of 150 cum/day to 370 cum/day. All the requirements shall be met by GIDC as per the committed allocation.</p> <p>The project/activity is covered under category B of item 5 (f) of the Schedule to the EIA Notification, 2006. However, due to the applicability of general conditions (located within 5 km of the Inter-State Boundary), the proposal was considered at the Central level.</p>
26.6.13.2	<p><i>The EAC, after deliberations, recommended the proposal for grant of ToR for preparation of EIA/EMP reports, for consideration of environmental clearance to the proposed expansion of API Bulk Drugs Manufacturing Unit from 46.4 TPM to 335 TPM of M/s Amoli Organics Pvt Ltd in a total area of 7801 sqm at Plot No.322/4, 40</i></p>

	<p><i>Shed Area, GIDC Industrial Estate, Taluka Pardi, Vapi in District Valsad (Gujarat).</i></p> <p><i>The ToR shall include the standard ToR as specified/notified applicable for such project/activity, and the additional terms and conditions as under:</i></p> <ul style="list-style-type: none"> <i>There shall be no requirement public consultation in terms of the provisions contained in Section 7(i), III. Stage (3), Para (i)(b) of EIA Notification, 2006, as the project is located in the notified Industrial area/estate.</i> <i>Fresh water requirement from GIDC allocation should be minimized.</i>
26.6.14	<p>Expansion of Organic Dyes Manufacturing Unit at Plot No.C/1-122/2, III Phase area GIDC Notified Industrial Estate Area, Taluka Pardi, District Valsad (Gujarat) by M/s Chempha Industries - For ToR</p> <p>[IA/GJ/IND2/65163/2017, IA-J-11011/326/2017-IA-II(I)]</p>
26.6.14.1	<p>The project involves expansion of Organic Dyes manufacturing unit from 11 TPM to 55 TPM (Liquid Dye and Crystal Dye) of M/s Chempha Industries in a total area of 800 sqm at plot No.C/1-2122/2, Phase III, GIDC Industrial Estate, Taluka Pardi, District Valsad (Gujarat). Total water requirement would be increased from the present of 10.85 cum/day to 18.99 cum/day. All the requirement shall be met by GIDC as per the committed allocation.</p> <p>The project/activity is covered under category B of item 5 (f) of the Schedule to the EIA Notification, 2006. However, due to the applicability of general conditions (located within 5 km of the Inter-State Boundary), the proposal was considered at the Central level.</p>
26.6.14.2	<p><i>The EAC, after deliberations, recommended the proposal for grant of ToR for preparation of EIA/EMP reports, for consideration of environmental clearance to the proposed expansion of Organic Dyes manufacturing unit from 11 TPM to 55 TPM (Liquid Dye and Crystal Dye) of M/s Chempha Industries in a total area of 800 sqm at plot No.C/1-2122/2, Phase III, GIDC Industrial Estate, Taluka Pardi, District Valsad (Gujarat).</i></p> <p><i>The ToR shall include the standard ToR as specified/notified applicable for such project/activity, and the additional terms and conditions as under:</i></p> <ul style="list-style-type: none"> <i>There shall be no requirement public consultation in terms of the provisions contained in Section 7(i), III. Stage (3), Para (i)(b) of EIA Notification, 2006, as the project is located in the notified Industrial area/estate.</i> <i>Fresh water requirement from GIDC allocation should be minimized.</i>
26.6.15	<p>Manufacturing of Active Pharmaceutical Ingredients with total production capacity of 129 MT/Month. At Survey No.112 paiki 2 and 113 paiki 1 & paiki2, Village: Chachapar, Taluka & District Morbi (Gujarat) by M/s Healthgenic Chemicals Ltd - For ToR</p> <p>TOR [IA/GJ/IND2/65521/2017, IA-J-11011/328/2017-IA-II(I)]</p>

<p>26.6.15. 1</p>	<p>The project involves manufacturing of Active Pharma Ingredients Organic Dyes manufacturing unit from 11 TPM to 55 TPM (Liquid Dye and Crystal Dye) of M/s Chempha Industries in a total area of 800 sqm at plot No.C/1-2122/2, Phase III, GIDC Industrial Estate, Taluka Pardi, District Valsad (Gujarat).</p> <p>The project/activity is covered under category B of item 5 (f) of the Schedule to the EIA Notification, 2006. However, due to the applicability of general conditions (located within 5 km of the Inter-State Boundary), the proposal was considered at the Central level.</p>
<p>26.6.16. 2</p>	<p><i>Due to the discrepancy in the Form-I and the presentation, the proposal was not taken forward and deferred.</i></p>
<p>26.6.16</p>	<p>Synthetic Organic Chemicals manufacturing unit of capacity 75 TPM located at Plot No.81/1/A & 81/1/P, Phase-I, GIDC, Vatva, Ahmedabad (Gujarat) by M/s Bharat Colour Chem - For ToR</p> <p>[IA/GJ/IND2/65598/2017, IA-J-11011/331/2017-IA-II(I)]</p>
<p>26.6.16. 1</p>	<p>The project involves expansion of Synthetic Organic Chemicals/Dyes manufacturing unit from 4 TPM to 75 TPM of M/s Bharat Colour Chem in a total area of 3562 sqm (Existing 1524 and additional land of 2038 sqm) at Plot No. 81/1/A & 81/1/P, Phase-I, GIDC, Vatva, Ahmedabad (Gujarat).</p> <p>The project/activity is covered under category B of item 5 (f) of the Schedule to the EIA Notification, 2006. However, due to the applicability of general conditions (located within 5 km of the Vatva Critically Polluted Area), the proposal was considered at the Central level.</p>
<p>26.6.16. 2</p>	<p><i>The EAC, after deliberations, recommended the proposal for grant of ToR for preparation of EIA/EMP reports for consideration of environmental clearance to the proposed expansion of Synthetic Organic Chemicals/Dyes manufacturing unit from 4 TPM to 75 TPM of M/s Bharat Colour Chem in a total area of 3562 sqm at Plot No. 81/1/A & 81/1/P, Phase-I, GIDC, Vatva, Ahmedabad (Gujarat).</i></p> <p><i>The ToR shall include the standard ToR as specified/notified applicable for such project/activity, and other terms and conditions as under:</i></p> <ul style="list-style-type: none"> • <i>There shall be no requirement of public consultation in terms of the provisions contained in Section 7(i), III. Stage (3), Para (i)(b) of EIA Notification, 2006, as the project is located in the notified Industrial area/estate.</i> • <i>Fresh water demand from GIDC allocation should be minimized.</i> • <i>For applicability of the general conditions, the project proponent shall establish that the industrial unit is located in notified industrial area and it has been declared/notified as Critically Polluted Area by the CPCB.</i> <p><i>The Committee also desired that in view of the moratorium already lifted from Vatva allowing increase/expansion in production in the area, the Ministry may consider referring such cases to SEAC/SEIAA for appraisal and grant of EC as per the provisions of the EIA Notification, 2006.</i></p>

26.6.17	<p>Synthetic Resin and Fatty Acid Manufacturing Facility (Synthetic Resin-1800 t/annum Fatty Acid-2000 t/annum ha.) at Indore, Madhya Pradesh by M/s MPD INDUSTRIES PVT LTD - For ToR</p> <p>[IA/MP/IND2/62826/2017, IA-J-11011/71/2017-IA-II(I)]</p>
26.6.17.1	<p><i>The project proponent did not attend the meeting and as such, the proposal was deferred.</i></p>

26.7 Any Other

26.7.1	<p>Expansion of storage capacity by adding 2 x 900MT capacity LPG Plant at Gata No: 17,18,19,36,37,38,42,43,44,53,54,59,61, village Jamalpur, Tehsil & District Haridwar (Uttarakhand) by M/s IOCL - Amendment in TOR</p> <p>[IA/UK/IND2/57495/2016, J-11011/184/2016- IA II(I)]</p>
26.7.1.1	<p><i>The EAC, after perusing the documents submitted by the project proponent and subsequent deliberations, recommended the proposed amendment in the ToR dated 25th October, 2016 for the above project, with the details as under-</i></p> <ul style="list-style-type: none"> <i>• Para 2 B(i) of the additional ToR regarding public hearing stands deleted in view of the justification given the project proponent for location of the project site in notified industrial area. There shall be no requirement of public hearing for preparation of EIA/EMP reports.</i> <p><i>Rest of the terms and conditions stipulated in the ToR shall remain unchanged.</i></p>
26.7.2	<p>Proposed Expansion of Specialty Chemicals, Agrochemicals, Agrochemical Intermediates & Formulation in Existing Unit at Plot No.3208, GIDC-Ankleshwar, District Bharuch (Gujarat) by M/s Hemani Intermediates Pvt Ltd (Unit-II) - Amendment in TOR</p> <p>[IA/GJ/IND2/62687/2017, IA-J- 11011/111/2017-IA-II(I)]</p>
26.7.2.1	<p><i>The EAC, after perusing the documents submitted by the project proponent and subsequent deliberations, recommended the proposed amendment in the ToR dated 30th May, 2017 for the above project, with the details as under-</i></p> <ul style="list-style-type: none"> <i>• Para 5 A(i) of the Additional ToR regarding public hearing stands deleted in view of the justification given the project proponent for location of the project site in notified industrial area. There shall be no requirement of public hearing for preparation of EIA/EMP reports.</i> <p><i>Rest of the terms and conditions stipulated in the ToR shall remain unchanged.</i></p>
26.7.3	<p>Installation of 1 x 900 MT capacity mounded LPG storage vessel at Pattikalan-Rampur Indane Bottling Plant, Tehsil Swar, District Rampur (UP) by M/s IOCL - Amendment in TOR</p> <p>[IA/UP/IND2/58272/2016, J-11011/200/2016- IA II(I)]</p>

26.7.3.1	<p>The EAC, after perusing the documents submitted by the project proponent and subsequent deliberations, recommended the proposed amendment in the ToR dated 13th December, 2016 for the above project, with the details as under-</p> <ul style="list-style-type: none"> • Para 3 B(i) of the additional ToR regarding public hearing stands deleted in view of the justification given the project proponent for location of the project site in notified industrial area. There shall be no requirement of public hearing for preparation of EIA/EMP reports. <p>Rest of the terms and conditions stipulated in the ToR shall remain unchanged.</p>
26.7.4	<p>Synthetic organic chemicals industry (dyes & dye intermediates) at Sakarwadi, Taluka Kopergaon, District Ahmednagar, Maharashtra by M/s Godavari Biorefineries Ltd - Amendment in TOR</p> <p>[IA/MH/IND2/65755/2014, J-11011/402/2014-IA II (I)]</p>
26.7.4.1	<p>The EAC, after deliberations on the proposal for amendment in the ToR dated 18th May, 2015 for the above project, found no merit in submissions of the project proponent. The proposal was not accepted by the Committee.</p>
26.7.5	<p>Molasses based Distillery (30 KLPD) at Survey No. 384, 386, 389, Village Kacharewadi, Taluka Mangalwedha, Maharashtra by M/s Utopian Sugars Limited - Amendment in TOR</p> <p>[IA/MH/IND2/30081/2015, J-11011/223/2015-IA II (I)]</p>
26.7.5.1	<p>The EAC, after deliberations, recommended the amendment in the ToR dated 28th December, 2015 for the above project, as under:-</p> <ul style="list-style-type: none"> • In para 3.0, the following shall be substituted 'These 'TORs' should be considered for the preparation of EIA/EMP for molasses based distillery (30 KLPD) and 1 MW of co-generation power plant' at Survey No.96. <p>Rest of the terms and conditions stipulated in the ToR shall remain unchanged.</p>

List of the Chairman and Members of the Expert Appraisal Committee (EAC) for Industry-2

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1.	<u>Dr. J. P. Gupta</u> A- 1/2 Panchsheel Enclave, New Delhi- 110070 E-mail: jpglobalconsultinggroup@gmail.com	Chairman
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