

**GOVERNMENT OF INDIA
MINISTRY OF ENVIRONMENT, FOREST AND CLIMATE CHANGE
(IA DIVISION-INDUSTRY-3 SECTOR)**

Dated: 23.12.2020

**AGENDA FOR 3rd MEETING OF THE EXPERT APPRAISAL COMMITTEE OF
(INDUSTRY-3 SECTOR), SCHEDULED TO BE HELD DURING 29-30 December, 2020**

Instructions: Project Proponents are requested to strictly follow the following instructions:

1. It is informed that the 3rd Meeting of EAC is scheduled to be held during **December 29-30, 2020** through **Video Conferencing Mode** and accordingly all Project Proponents are requested to send all the documents (viz. Presentation, Brief, EIA/EMP Report and other requisite documents) to the **EAC/Ministry immediately or latest by 21.12.2020.**
2. It is requested that the Project Proponent or his/her authorized representative should **participate the presentation meeting of EAC through Video Conferencing (preferably not more than three representatives)** who can make a presentation on their behalf on the salient features of the project, the related environmental issues, proposed Environmental Management Plan and also respond to the queries/suggestions of the Committee. The name of representatives may be communicated in advance.
3. NIC, MoEFCC will moderate the Video Conferencing meeting. The Guidelines related to connecting VC is annexed herewith. PP has to communicate the name of person and his mobile number attending the EAC meeting and be ready before 1 hour of the slot allowed to them. If any problem faced please contact Mr. Kamal, Moderator, NIC (Mobile No. 8800225087, email- support-ipb@nic.in). **PP is requested to join the meeting in VC with Agenda No. [(for ex. 3.1 (Name of PP) & Name of Consultant)].**
4. The Project Proponents are requested to circulate the documents either in pen drive or hard copy whichever is convenient (**bulky EIA/EMP reports may be sent in pen drive mentioning the agenda number**) for the projects included in the Agenda given below to the Chairman and Members of the Committee (as per list given below) immediately. The proponents shall not wait for individual letters to be issued. **The documents shall reach the members at earliest 7 days before the meeting.**
5. All the documents including the hard copy of the presentation material should be legible and printed on both sides on ordinary paper. In case the members of the **Expert Appraisal Committee do not receive the proposals, the Committee will not consider the project.**
6. **The Project Proponents are requested to send one set of complete documents to the Ministry in HARD COPY. Documents shall be reach in the Ministry by 21.12.2020.**
7. **Kindly prepare/make the presentation before the EAC based on the template provided at Annexure III. Copy of presentation and brief shall be forwarded to the EAC/Ministry immediately or latest by 21.12.2020.** The soft copies sent by the PPs/consultants are most of the time do not open especially in ZIP / RAR , therefore PP is requested to send hard copy of the PPT by Post or Email (.pdf/power point).
8. The project proponents applied their on-line application should submit the Form-2, Pre-feasibility report, approval from concerned department/states, compliance of existing EC, Environment Impact Assessment (EIA/EMP) Report, public hearing report, queries subsequently raised by the Ministry, if any, and your para-wise comments thereto etc., in accordance with Environment Impact Assessment Notification, 2006 are required to be forwarded to the Chairman/Members of the Expert Appraisal Committee (Industry-3)

including details of the court matters/Orders of the Court pertaining to the project, if any. Accordingly, I request you **to forward a copy of each of these documents - to the Chairman/members of the Expert Appraisal Committee and Ministry, at earliest or latest by 21.12.2020 [Hard copy or soft copy]**. List of Committee Members is attached herewith.

9. During presentations all the important features such as **National Parks, Wildlife Sanctuary, Mangroves, Biosphere Reserves/Bio-diversity, Heritage sites, Reserve Forests, Rivers, water Bodies, Highways, Railway line, Habitations, Critically Polluted Areas (CPA)** etc. should be clearly indicated in an area of 10 km radius of the proposed site. The KML/Shape files should be emailed on the below mentioned email **addresses immediately or before 21.12.2020**.
10. In accordance with the circular no. J-11011/618/2010-IA.II (I) dated 30.5.2012, **in case of expansion project**, for which environment clearance was issued earlier, the project proponent shall submit a certified report of the status of compliance of the conditions stipulated in the environment clearance for the on-going / existing operations of the project by the Regional Offices of Ministry of Environment, Forest and Climate Change. The status of compliance of the conditions stipulated in the EC as highlighted in the report(s) will be discussed by the EAC during appraisal of the project.
11. **The Project Proponents shall ensure that the reports / documents uploaded in the website of the Ministry, circulated to the EAC members and hard copy submitted to the Ministry are the same. In case of discrepancy, the project will not be considered.**
12. The Consultant shall include an **undertaking in the EIA report that the prescribed TOR have been complied with and that the data submitted is factually correct** and also an undertaking shall be submitted owning the contents (information and data) in the EIA/EMP report.
13. **The Project Proponents shall submit the detailed availability/facility/capacity of the treatment of waste water in the CETP and its working status from the concerned authority /SPCB, in case of the treatment of waste water through CETP.**
14. **The Consultants are now being graded based on the EIA/EMP Report, Impact assessment and its mitigation measures to the projects and its presentation made before the EAC. Therefore, the Consultant shall follow all the Rules/Guidelines issued by the Ministry from time to time and make the correct Report, failing which necessary action against the consultant may be taken accordingly.**
15. Any changes/modification with respect to the Agenda, Venue etc., would be indicated in Ministry's website. You are also requested to keep track of the status of your project from the Ministry's Website i.e., <https://parivesh.nic.in>
16. Kindly send a brief write up/ Executive Summary of 3-4 pages **(in Word Format only)** as per following format **(Annexure -'I' in respect of the proposals for Environmental clearance and Annexure-'II' in respect of the project for amendment/corrigendum in ToR/EC) to the EAC secretariat. Information should be sent in word format only on following e-mails including Members of the EAC immediately or latest by 21.12.2020:**

rb.lal@nic.in

nobi.ep@nic.in

ritin.raj@gov.in

sd/
(Dr. R. B. Lal)
Scientist 'E'/Additional Director &
Member Secretary, EAC (Industry-3 Sector)
Email: rb.lal@nic.in

Note: The items listed for environmental clearances will be taken up for appraisal only on fulfilment of relevant instruction given above.

AGENDA FOR 3rd EXPERT APPRAISAL COMMITTEE (INDUSTRY-3) MEETING TO BE HELD DURING 29-30 December 2020

Venue: Ministry of Environment, Forest and Climate Change, Indira Paryavaran Bhawan, JorBagh Road, New Delhi-110003 through Video Conferencing (VC)

Time: 10:30 AM

DAY 1: 29th December, 2020 (Tuesday)

- (i) Opening Remarks by the Chairman**
- (ii) Confirmation of the Minutes of the 2nd Meeting of the EAC (Industry-3) held during December 8-9 December, 2020 at MoEFCC through VC.**

Consideration of Environmental Clearance

- 3.1 API Manufacturing Unit located at Plot Nos. 233 to 238, APIIC Growth Centre, Thumukunta (V), Hindupur (M), Ananthapur (D) Andhra Pradesh by **M/s Varahi Pharma Private Limited** - Consideration of Environment Clearance [IA/AP/IND2/175972/2020, IA-J-11011/320/2020-IA-II(I)]
- 3.2 MANUFACTURING OF Synthetic Organic Chemicals EXPANSION PROJECT Plot No.:502, GIDC Industrial Estate, Panoli Taluka: Ankleshwar DIST: BHARUCH (Gujarat) by **M/s SHUBHLAXMI PIGMENTS**- Consideration of Environment Clearance [IA/GJ/IND2/166642/2019, IA-J-11011/321/2020-IA-II(I)]
- 3.3 Capacity Expansion and Addition of New Pesticide, Pesticide Specific Intermediates & Synthetic Organic Chemicals (Chemical Intermediates) by **M/s UPL LIMITED UNIT #04**- Consideration of Environment Clearance [IA/GJ/IND2/183253/2020, IA-J-11011/89/2020-IA-II(I)]
- 3.4 Proposed Expansion of Synthetic Organic Chemicals at Existing unit at Plot No. 6213 & 6213/1, Notified GIDC Industrial Estate, Ankleshwar – 393 002, District - Bharuch, State – Gujarat by **M/s AVDHOT PIGMENTS PVT LTD**- Consideration of Environment Clearance [IA/GJ/IND2/168093/1986, IA-J-11011/321/2020-IA-II(I)]
- 3.5 Manufacturing unit of Dyes and Dyes Intermediates at Plot No. 12,13, Umiya Industrial Estate, Torrent-Indrad Road, Indrad, Tal-Kadi, Dist-Mehsana, Gujarat by **M/s Vibgyor Chemtex Industries**- Consideration of Environment Clearance [IA/GJ/IND2/120438/2019, IA-J-11011/298/2019-IA-II(I)]
- 3.6 Proposed Establishment of Active Pharmaceutical Ingredient, Bulk Drugs manufacturing facility at Plot no E-59-1, MIDC Tarapur Maharashtra by **M/s AARTI INDUSTRIES LIMITED** - Consideration of Environment Clearance [IA/MH/IND2/188082/2020, IA-J-11011/324/2020-IA-II(I)]
- 3.7 MODERNIZATION & EXPANSION OF EXISTING FERTILIZER PLANT, KALOL UNIT

Gandhinagar (Gujarat) by **INDIAN FARMERS FERTILIZER COOPERATIVE LIMITED** (IFFCO)-Consideration of Environment Clearance
[IA/GJ/IND2/185904/2009, J-11011/60/2009-IA II (I)]

- 3.8 PROPOSED PROJECT FORMANUFACTURING OF FORMALDEHYDE 300 M.T PER DAY AT VILLAGE ISMALIA, TEHSIL SAMPLA, DISTRICTROHTAK, HARYANABY **M/S PARNAMI BUILDCON PVT. LTD-** Consideration of Environment Clearance
[IA/HR/IND2/126366/2019, IA-J-11011/358/2019-IA-II(I)]
- 3.9 ROPOSED PESTICIDES TECHNICAL, PESTICIDES INTERMEDIATES PLANT AT PLOT NO DP-154, GIDC-CHEMICAL ZONE, SAYKHA, TAL: VAGRA, DIST: BHARUCH - 392140 (GUJARAT) BY **M/s DHARMAJ CROP GUARD LTD, (UNIT-II)** - Consideration of Environment Clearance
[IA/GJ/IND2/131417/2019, IA-J-11011/419/2019-IA-II(I)]
- 3.10 Agrochemical manufacturing specialty Chemicals Plant (52000 TPA Technical & 50000 TPA Formulations) & 12 MW Captive Power Plant at Plot No. CZ-44, GIDC Estate-Dahej, Tehsil: Vagra, Dist. Bharuch, Gujarat by **M/s Rallis India Limited** - Consideration of Environment Clearance
[IA/GJ/IND2/119775/2019, IA-J-11011/289/2019-IA-II(I)]
- 3.11 Modernization of existing DAP plant from 606100 MTPA to 900000 MTPA under 7 II of EIA notification located at SPIC Nagar, District Tuticorin, Tamil Nadu by **M/s Greenstar Fertilizers Limited**-Consideration of Environment Clearance
[IA/TN/IND2/186585/2020, J-11011/620/2009-IA-II(I)]
- 3.12 PROPOSED EXPANSION OF PESTICIDETECHNICAL IN (FROM2291 TO 2591 MT/MONTH)EXISTING UNIT at PLOT NO. 100 TO 103, GVMM, GIDC-ODHAHAHMEDABAD-382415 (GUJARAT) by **M/s GSP CROP SCIENCE (P) LTD.**
[IA/GJ/IND3/187720/2020, No. J-11011/44/2002-IA II (I)]

DAY 2: 30th December, 2020 (Wednesday)

Consideration of Environmental Clearance

- 3.13 EC & CRZ of Proposed Expansion in Nirma Chemical Complex at Village - Kalatalav, Taluka & District - Bhavnagar, Gujarat by **M/s Nirma Limited** - Consideration of Environment Clearance
[IA/GJ/IND3/187322/2014, J-11011/369/2014-IA-II(I)]
- 3.14 Proposed Pigment Manufacturing @ 230 MT/M located at Plot No. 55, GIDC, Nandesari, Ta &Dist - Vadodara, Gujarat by **M/s Sapphire Pigments Industries** - Consideration of Environment Clearance
[IA/GJ/IND3/181096/2018, IA-J-11011/323/2020-IA-II(I)]
- 3.15 Expansion of chemical manufacturing unit at Survey No. 313, village Mujpur, Taluka Padra, District Vadodara (Gujarat) by **M/s Shimmer Chemicals Pvt Ltd-** Reconsideration of Environmental Clearance
[IA/GJ/IND2/140871/2007, J-11011/763/2008-IAII(I)]

Reconsideration of Environmental Clearance

- 3.16 Expansion and Change in Product Mix for manufacture of Synthetic Organic Chemicals Drugs and Byproducts by **M/s Sanskar Chemicals and Drugs Private Limited** located at S.F. No. 457/3A, 457/3C, 457/4A, 457/4C, 457/4C (Part) Ammoor Village, 12/5 (Part) Chettithangal Village, Taluk Walajah, District Vellore, Tamil Nadu -Reconsideration of Environment Clearance [IA/TN/IND2/155475/2018, IA-J-11011/361/2018-IA-II(I)]
- 3.17 Expansion of bulk drug unit at village Pydibeemavaram, Tehsil, Ranasthalam, District Srikakulam in Andhra Pradesh by **M/s Aurobindo Pharma Limited (Unit-XI)**- Reconsideration of Environment Clearance. [IA/AP/IND2/78618/1900, J-11011/53/2005-IA-II(I)]

Amendment in Environment Clearance

- 3.18 Modernization of bulk drugs and bulk drug intermediates manufacturing unit by reducing the capacity from 5000 kg/Month to 1697.32 kg/Month at Block No.252-253, Village Dhobikuwa, Taluka Padra, District Vadodara (Gujarat) by **M/s Apicore Pharmaceuticals Pvt. Ltd.-** Amendment in Environment Clearance [A/GJ/IND3/186912/2020, J-11011/454/2007-IA-II(I)]
- 3.19 Setting up of various Insecticides for veterinary animal health and household use manufacturing unit of capacity 757.2 MTPA located at Plot No.18, Survey No.300, Village Indra, Taluka Kadi, District, Mehsana, Gujarat - by **M/s Synergia Sciences Pvt. Ltd-** Amendment in Environment Clearance [IA/GJ/IND2/186521/2020, IA-J-11011/197/2019-IA-II(I)]
- 3.20 Expansion of Pesticides, Pesticide Specific Intermediates and Synthetic Organic Chemicals Manufacturing Unit from 7430 TPA to 15775 TPA at Plot No.3501-3515, 6301-6313 & 16 M Road/B1 and Plot No.6008-6010, GIDC Industrial Estate Ankleshwar, District Bharuch (Gujarat) by **M/s DECCAN FINE CHEMICALS INDIA PVT LTD –** Amendment in Environment Clearance [IA/GJ/IND2/186135/2020, J-11011/749/2008-IA-II(I)]
- 3.21 Expansion of existing project for manufacture of mining explosives and proposed high energy defence products located at Village Mouza - Talegaon (S.P), Taluka - Ashti, Dist- Wardha, Maharashtra. by **M/s CDET EXPLOSIVE INDUSTRIES PVT. LTD.-** Reconsideration of Corrigendum in Environmental Clearance [IA/MH/IND2/74917/2018, IA-J-11011/166/2018-IA-II(I)]
- 3.22 ADDITION OF PLOT NO IN EC LETTER FOR PROPOSED EXPANSION OF PESTICIDE & PESTICIDE SPECIFIC INTERMEDIATE IN EXISTING UNIT AT PLOT NO: 3207/B, 3207/A, 3208/1, 3208/2 & 3202/A/1, GIDC INDUSTRIAL ESTATE, ANKLESHWAR, TAL: ANKLESHWAR, DIST: BHARUCH, GUJARAT OF **M/s HEMANI INDUSTRIES LTD (Unit-2)**- Amendment in Environmental Clearance [IA/GJ/IND2/179120/2020, IA-J-11011/111/2017 -IA II (I)]
- 3.23 Expansion in Pesticide & Intermediates Manufacturing Unit at Plot No. 3-11, A-2/1, A-2/2, A-2/6 & A-1/2, Phase-I, GIDC Estate, Vapi-396195, Dist. Valsad, Gujarat by **M/s UPL LIMITED** - Amendment in Environmental Clearance [IA/GJ/IND2/71396/2016, IA-J-11011/330/2016-IA-II(I)]

- 3.24 GROCHEMICAL PRODUCTS & INTERMEDIATES WITHOUT INCREASE PRODUCTION CAPACITY AND POLLUTION LOAD AT PLOT NO. D2/CH-14, DAHEJ - II, GIDC INDUSTRIAL ESTATE, TAL: VAGRA, DIST: BHARUCH, GUJARAT OF **M/s CRYSTAL CROP PROTECTION PVT. LTD** - Amendment in Environmental Clearance
[IA/GJ/IND2/178434/2020 , J-11011/7/2016-IA II (I)]
- 3.25 Expansion of Agrochemical & Intermediates Manufacturing Plant at ater Works Road, Aishbagh, Lucknow by **M/s IPL SANDILA** - Amendment in Environmental Clearance
[IA/UP/IND2/113976/2019, J - 11011/331/2016 - IA II (I)]

Consideration of Environmental Clearance

- 3.26 Proposed Chlorinated Paraffin Plasticizer Manufacturing Unit at Dandila Khurd, Near Grasim Industries Limited, Garwha Road, Rehla, Palamu, Jharkhand,,Palamu, Jharkhand by **M/s SUNTEK PLASTICIZER PRIVATE LTD**
[IA/JH/IND2/122160/2019, IA-J-11011/320/2019-IA-II(I)]
- 3.27 Establishment of Synthetic organic chemicals (Resin) manufacturing unit at Plot. No. s: 143, 143aa/143a3, 143/U, 143/E, 143/Ru, 144/A2, 149, 149/A, 149/Ru, 149/Ruu, 149lu Mothighanpur Village, Balanagar Mandal, Mahabubnagar District, Telangana, Mahbubnagar, Telangana **M/s Divya Sai Lam Private Limited**- Consideration of Environment Clearance
[IA/TG/IND2/86907/2018, IA-J-11011/391/2018-IA-II(I)]
- 3.28 Bulk Drugs Manufacturing Unit located at RS No:3/1 & 3/2, Anumanchipalli Village, Jaggayyapeta Mandal, Krishna District, Andhra Pradesh by **M/s Orch Pharma Pvt Ltd**-Consideration of Environmental Clearance
[IA/AP/IND2/172555/2020, IA-J-11011/221/2020-IA-II(I)]

Reconsideration of Environmental Clearance

- 3.29 Setting up of Pesticides and Synthetic organic chemical manufacturing unit located, at Plot No. D-2/CH-51, GIDC Dahej -II, Village Dahej, Taluka Vagra, District Bharuch, Gujarat by **M/s Jeevan Chemicals Pvt Ltd**-ReConsideration of Environment Clearance
[IA/GJ/IND2/114411/2019, IA-J-11011/255/2019-IA-II(I)]
- 3.30 Establishing Manufacturing Unit of Pesticides & intermediates and Synthetic Organic Chemicals & intermediates unit Capacity 20100 TPA by **M/s Shivalik Rasayan Limited** located at D - 3/ 16 GIDC Industrial Estate Dahej - III, Village - Sambheti, Taluka - Vagra, Distt- Bharuch, Gujarat -Reconsideration of Environment Clearance. [IA/GJ/IND2/152048/2020, IA-J-11011/111/2020-IA-II(I)]
- 3.31 Any other item with the permission of Chairman

**Subject:- Environmental Clearance- reg.
[Proposal NO....., F.NO.....]**

The Project Proponent and the accredited Consultant M/s., made a detailed presentation on the salient features of the project and informed that:

- i. The proposal is for environmental clearance/ToR to the project at by M/s.
- ii. The project proposal was considered by the Expert Appraisal Committee (Industry-3) in its.....th meeting held during and recommended Terms of References (ToRs) for the Project. The ToR has been issued by Ministry vide letter No.J.....; dated**(In case of EC Proposal)**
- iii. All are listed at S.N. of Schedule of Environment Impact Assessment (EIA) Notification under category 'A' and are appraised at Central Level by Expert Appraisal Committee (EAC).
- iv. Ministry had issued EC earlier vide letter no.; dated to the existing project...infavour of M/s.(**in Expansion case**/if applicable).
- v. Existing land area is m^2 , additional m^2 land will be used for proposed expansion.
- vi. Industry has already developed / will develop greenbelt in an area of 33 % i.e., m^2 out of total area of the project.
- vii. The estimated project cost is Rs..... including existing investment of Rs..... crores. Total capital cost earmarked towards environmental pollution control measures is Rs..... and the Recurring cost (operation and maintenance) will be about Rs..... per annum.
- viii. Total Employment will be persons as direct & persons indirect after expansion. Industry proposes to allocate Rs..... @ of 5/2.5 % towards Corporate Social Responsibility.
- ix. There are national parks, wildlife sanctuaries, Biosphere Reserves, Tiger/Elephant Reserves, Wildlife Corridors etc. within 10 km distance from the project site. River/ water body..... is flowing at a distance ofin.....direction.
- x. Ambient air quality monitoring was carried out at locations during toand the baseline data indicates the ranges of concentrations as: PM₁₀ (...-..... $\mu g/m^3$), PM_{2.5} (...-..... $\mu g/m^3$), SO₂ (...-..... $\mu g/m^3$) and NO₂ (...-..... $\mu g/m^3$). AAQ modeling study for point source emissions indicates that the maximum incremental GLCs after the proposed project would be $\mu g/m^3$, $\mu g/m^3$ and $\mu g/m^3$ with respect to PM₁₀, SO_xandNO_x. The resultant concentrations are within the National Ambient Air Quality Standards (NAAQS).**(In case of EC Proposal)**
- xi. Total water requirement is m^3/day of which fresh water requirement of m^3/day will be met from
- xii. Effluent of quantity will be treated through.....
. The plant will be based on Zero Liquid discharge system **(if applicable)**.

- xiii. Power requirement after expansion will be including existing KVA and will be met from State power distribution corporation limited (...SPDCL). Existing unit has DG sets ofcapacity, additionally DG sets are used as standby during power failure. Stack (height.....)will be provided as per CPCB norms to the proposed DG sets.
- xiv. Existing unit has TPH fired boiler. Additionally -----TPH ----fired boiler will be installed. Multi cyclone separator/ bag filter with a stack of height of m will be installed for controlling the particulate emissions within the statutory limit of 115 mg/Nm³ for the proposed boilers..
- xv. Details of Process emissions generation and its management.....
- xvi. Details of Solid waste/ Hazardous waste generation and its management.....
- xvii. Public Hearing for the proposed project has been conducted by the State Pollution Control Board onThe main issues raised during the public hearing are related to.....
- xviii. Details of Certified compliance report submitted by RO, MoEF&CC. (**In case of expansion Proposal**).
- xix. Status of Litigation Pending against the proposal, if any.
- xx. The details of products and capacity as under:

| S. No | Product Details | Existing Quantity | Proposed Quantity | Total Quantity |
|-------|-----------------|-------------------|-------------------|----------------|
| | | | | |
| | | | | |
| | Total | --- | -- | --- |

| S. No. | Activity | Amount allocated in Rs. |
|----------------------|----------|-------------------------|
| 1. Total Cost | | |
| 2. EMP Cost | | |
| 3. Recurring cost | | |
| 4. CER Cost | | |
| 5. Land | | |
| 6. P. H. Commitment | | |
| 7.Green belt | | |
| 8. Conservation plan | | |

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|--|--|--|
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Annexure-II

The proposal is for amendment in the **Terms of Reference/Environmental Clearance** granted by the Ministry vide letter dated.....for the project.....located at.....in favour of M/s

2. The project proponent has requested for amendment in the ToR/EC with the details are as under;

| S.No. | Para of ToR/EC issued by MoEF&CC | Details as per the ToR/EC | To be revised/ read as | Justification/ reasons |
|--------------|---|----------------------------------|-------------------------------|-------------------------------|
| 1. | | | | |
| 2. | | | | |
| 3. | | | | |

Template for presentation before the EAC

Slide 1

| Agenda No. | Name of the Project (Including Company's Name) |
|---|---|
| <ul style="list-style-type: none">➤ Date of Application Submission➤ ADS if any including date of reply➤ Date of Acceptance➤ New Project/Expansion Project➤ Product Mix or Change in Technology➤ Existing & Proposed Capacity➤ Forest Area/Wildlife/ESZ if any➤ Name of EIA Coordinator➤ CONSULTANT:<ul style="list-style-type: none">• Name• NABET Registration No.• Validity | <ul style="list-style-type: none">➤ Date of Public Hearing (P.H.) Conducted➤ Level of Officer conducted P.H.➤ Status of Forest Clearance (FC)➤ Applicability of Coastal Regulatory Zone (CRZ) if any➤ Whether located in Critically Polluted Area (CPA).➤ Certified Compliance submitted |

Slide 2

| |
|--|
| Details of Earlier ECs with Past Productions Details |
| Details of Earlier CTOs with Past Productions Details |
| Details of Certified Compliance of Earlier EC/CTO |

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Slide 3

| Introduction of The Project | |
|--|---|
| <ul style="list-style-type: none">◆ Brief Description about project◆ Plot area◆ % of green belt provided◆ Land use change required◆ Sources of Air(+Noise) Pollution | <ul style="list-style-type: none">▶ Estimated Project Cost▶ EMP Cost▶ CER Cost▶ Manpower▶ Details of Environment Officers with qualifications |

Slide 4

Introduction of The Project

- ◆ Water Consumption/day
- ◆ Source of water
- ◆ Permission from CGWA or any other agency
- ◆ Energy Consumption
- ◆ Kind of Fuel used
- ◆ Quantity of fuel used
- ◆ Waste Water Generated/day
- ◆ Treatment facility with capacity and current operational capacity
- ◆ Mode of discharge

Slide 5 Example

Location of Project and its Connectivity



| LATITUDE | 22°55'4.07"N |
|--------------------|--|
| LONGITUDE | 69°55'4.06"E |
| ELEVATION | 14 m |
| Accessibi lity | Connectivity |
| Highway/ Road | SH-50 – 11 Km NW Road near project – within 1 Km |
| Railway Station | Railway station: 9.4 Km SW |
| Airport | Airport – 16.9 Km SW Airport – 28.8 Km NE |
| | High Tide line |
| | 2.7 Km |
| | Low Tide line |
| | 4.3 Km |

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Slide 6 : Example

Topographical Map



| Particular | Distance and Direction |
|-------------------------------|---------------------------|
| Water bodies | |
| Sakra nadi | 2.18 Km NW |
| Chhela nadi | 3.10 Km SE |
| Mitti nadi | 4.44 Km SW |
| Lerakh nadi | 7.96 Km NE |
| High tide line | 3.11 Km SE |
| Forest | |
| Bhadreshwar reserve forest | 3.70 Km SW |
| Luni reserve forest | 7.71 Km SW |
| Densely populated area | |
| Bhadreshwar | 1.2 Km SW |
| Tuna | 1.95 Km SE |
| Hatdi | 2.5 Km NE |
| | High Tide line |
| | 2.7 Km |
| | Low Tide line |
| | 4.3 Km |

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Slide 7

Slide 8: Engineering layout of the Project site

Slide 9

BASELINE ENVIRONMENT DETAILS

1. AIR QUALITY (shall attach copy of NABL or MOEF approval)

Period of monitoring

- ▶ Table of Parameters Monitored as per TOR including Noise.
- ▶ Comparison of AQM data from Upstream & down stream Station.
- ▶ Minimum detectable Limit of various methods.
- ▶ Prediction of max. GLC(DG sets & from other sources)
- ▶ Incremental Pollution load.

Wind Rose / Impact

- ▶ Location specific Wind Rose be given based on which AQM station Setup.
- ▶ Map of AQM Station be given superimposed with respective monitored value + wind rose on one corner of the map.
- ▶ Impact of dust, smoke, gas, fumes & odour

Slide 10

BASELINE ENVIRONMENT DETAILS

2. WATER (Surface + Ground) Environment

Date of monitoring

- ▶ Table of Parameters Monitored as per TOR/CPCB
- ▶ Comparison of data from Upstream & down stream sampling Station
- ▶ Minimum detectable Limit of various methods.
- ▶ Incremental pollution Load from waste water generation.

Sampling Location Map

- ◆ Map of sampling area with specific location of collection. Superimposed with respective monitored value
- ◆ Attach copy of NABL or MOEF approval.
- ◆ Fresh water reduction due to recycling/reuse of wastewater.

Slide 11

BASELINE ENVIRONMENT DETAILS

3. Soil and Biological Environment

Soil

- ◆ Location Map of Sampling points
- ◆ Sampling result
- ◆ Shall describe quality of soil as per standard (IARC) method

Biological

- ◆ Map of study area be attached.
- ◆ Biodiversity index with its interpretation be given

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Slide 12

BASELINE ENVIRONMENT DETAILS

4.Socio Economic Environment

Areas visited & date

- ▶ Report on collection of Primary & Secondary Data
- ▶ Identification of social requirements based on interview & discussions with the resident of the area.

Social Action Plan

- ◆ Development of social action plan
- ◆ Time frame for completion
- ◆ Estimated budget to be spent year wise(CER)

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BASELINE ENVIRONMENT DETAILS

5.RISK STUDIES & DISASTER MANAGEMENT

Hazardous Substances

- ▶ List of Hazardous Substances and quantity stored.
- ▶ Assumptions and Worst case scenario.
- ▶ Risk assessment be done by 3-D (CFD)Capable Software.

Risk Assessment

- ▶ Prevailing Risk from existing facilities
- ▶ Perceived risk from the proposed facilities.
- ▶ Societal Risk
- ▶ Cumulative risk
- ▶ Details of Onsite mitigation measures/ DMP

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Details of National Park/Sanctuary/Forest Land/Schedule-I Species/ESZ Notification/No Development Zone If any

Slide 15
Process Flow Chart

Slide 16
Water Requirement and its approval status
Water Balance

Slide 17
Waste Water Treatment Technology / Details of ZLD
Details of STP and how treated water is reused

Slide 18
Product wise Raw Material consumption

Slide 19
Details of Green Belt Development Plan

Slide 20
Transportation Plan –Study as per IRC Guidelines

Slide 21
Budget for CER as per Ministry's Circular alongwith Activities and its timelines for commitments

Slide 22

Environment Management Plan

Shall cover details on following pollution control measures linking with baseline studies ,raw material and products with involved risk :

- **AIR Pollution Control measures including devices proposed with capacities & cost.**
- **Water and Waste Water treatment and disposal ,if any**
- **Solid Waste / Sludge Disposal if any .**
- **% reduction due to proposed devices**
- **Details of Environment Personnel (Environment Engineers and Environment Scientist) posted in Environment Management Cell.**

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Slide 23 : TOR wise compliance presentation

Point Wise Standard TOR Compliance

TOR Point-1: Executive Summary of the Project.

Reply:

TOR Point-2: Introduction i) Details of the EIA consultant including NABET accreditation ii) Information about the project proponent iii) Importance and benefits of the project

Reply:

And so on.....

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Hazardous Waste Management and Disposal

- List of hazardous waste generation and quantity.
- Disposal- In-house or CHWTDF
- Agreement for hazardous waste management and disposal

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Slide 25

PUBLIC CONSULTATION

- Public consultation for this project was conducted on at 11:00 A.M. atwhich was presided over by theattended by officers of GPCB, Gandhinagar.
- The public hearing was attended by
- Requisite publicity through local newspapers/ media i.e.Dated was given 30 days in advance of the date; .
- The project proponent has given commitment to fulfil the environmental and social responsibility for development of community of nearby villages.

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**PUBLIC HEARING MINUTES ITS ACTION PLAN WITH BUDGET
,TIMELINE INCLUDING DISPLY OF PH VIEDEO**

| S.No. | Issues raised by the Public | Points Represented | Response/ Commitment of Project Proponents along with budget and timelines |
|-------|--------------------------------|--------------------|--|
| 1 | Mr X... | | |
| 2 | Mr Y... | | |
| 3 | Mr Z... | | |

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Public Hearing Photographs

List of member of Expert Appraisal Committee in respect of Industry-3 Sector

| S.No. | Name of Members | Designation |
|--------------|---|--------------------|
| 1. | Dr. Rajashekar P. Mandi Director, School of Electrical & Electronics Engineering, REVA University, Bangalore - 64 E-mail: rajashekarmandi@yahoo.com | Chairman |
| 2. | Dr. Ashok Kumar Saxena, IFS Bungalow No. 38, Sector-8A, Gandhinagar, Gujarat – 382008 E-mail: ashoksaxena1159@gmail.com | Member |
| 3. | Prof. (Dr.) A.B. Pandit Vice Chancellor, Institute of Chemical Technology, Mumbai, Sir JC Bose Fellow, Government of India Email: ab.pandit@ictmumbai.edu.in | Member |
| 4. | Prof. (Dr.) S. N. Upadhyay Research Professor (Hon.), Department of Chemical Engineering & Technology, Indian Institute of Technology (Banaras Hindu University), Varanasi E-mail: srupadhyay.che@iitbhu.ac.in | Member |
| 5. | Prof. (Dr.) Suneet Dwivedi, Professor in K Banerjee Centre of Atmospheric and Ocean Studies, University of Allahabad, Allahabad - 02 Uttar Pradesh E-mail: dwivedisuneet@rediffmail.com /suneetdwivedi@gmail.com | Member |
| 6. | Prof. (Dr.) Arvind K. Nema Professor, Department of Civil Engineering Indian Institute of Technology, Delhi, Hauz Khas, New Delhi -110 016 Email: aknema@civil.iitd.ac.in / aknema@gmail.com | Member |
| 7. | Shri Santosh Gondhalkar 'Shree' Apartment, Flat 401, Plot No. 22, Tukaram Society, Santnagar, Pune- 411009 E-mail: santoshgo@gmail.com | Member |
| 8. | Prof. (Dr.) Pradeep Kumar Mishra Department of Chemical Engineering & Technology, Indian Institute of Technology (BHU) Varanasi, Varanasi - 221005 E-mail: pkmishra.che@itbhu.ac.in / drpkm18@gmail.com | Member |
| 9. | Prof. (Dr.) Vijay S. Moholkar | Member |

| | | |
|------------|---|---------------------|
| | Professor in Department of Chemical Engineering, Block-K (Academic complex), Room No. 111, Indira Institute of Technology Gawahati, Gawahati – 781039 E-mail: vmoholkar@iitg.ac.in | |
| 10. | Dr. Suresh Panwar House No.4, Gayatri Green Society, NH 58 Bypass, Kankerkhara, Meerut, Uttar Pradesh Email: spcpri@gmail.com | Member |
| 11. | Shri Dinabandhu Gouda Additional Director, DH IPC-I, Room No. 309A, Third Floor, Central Pollution Control Board, Parivesh Bhawan, East Arjun Nagar, Delhi – 110032 E-mail: dinabandhu.cpcb@nic.in | Member |
| 12. | Shri Tukaram M Karne Nagpur, Maharashtra E-mail: tmkarne@gmail.com | Member |
| 13. | Shri Sanjay Bisht Scientist 'E', Room No. 517, Office of the Director General of Meteorology, Indian Meteorological Department, Musam Bhawan, Lodhi Road, New Delhi - 110003 E-mail: sanjay.bist@imd.gov.in | Member |
| 14. | Dr. Uma Kapoor Regional Director, CGWA, 18/11, Jamnagar House, Mansingh Road, New Delhi E-mail: Uma-cgwb@nic.in | Member |
| 15. | Dr. R. B. Lal , Scientist 'E'/Additional Director Indira Paryavaran Bhawan, Ministry of Environment, Forest and Climate Change Room No. V-304, Vayu Wing, Jor Bag Road, New Delhi-110003 Telefax: 011-24695362 E-mail: rb.lal@nic.in | Member Secretary |
