



Government of India
Ministry of Environment, Forest and Climate Change
(Impact Assessment Division)



Agenda of Expert Appraisal Committee

Meeting ID : IA/IND3/13648/30/06/2025
Meeting Venue : AGENDA FOR 104th MEETING OF THE EXPERT APPRAISAL COMMITTEE (INDUSTRY-3 SECTOR), SCHEDULED TO BE HELD ON 30th June 2025
Meeting Type : Video Conference
Agenda Generation Date : 24-06-2025

The following proposals are being considered for deliberation in the Expert Appraisal Committee as per the schedule given below :

Meeting Schedule :

S.No	Meeting date	Time (From)	Time (To)
1	30 Jun 2025	10:30 AM	18:30 PM

Date of Meeting : 30-06-2025

S.No	Proposal No.	File No.	Proposal Name	Company Name	Location	Proposal Type
1	IA/GJ/IND3/280064/2020	IA-J-11011/271/2020-IA-II(I)	Proposed expansion project for manufacturing of Marine Chemicals, Fertilizers, Organic Chemicals & Captive Co-Gen Power Plant by M/s. Solaris Chemtech Industries Ltd.	M/S. SOLARIS CHEMTECH INDUSTRIES LTD.	Tehsil: Bhuj District: kutch State: Gujarat	EC

Any Other Item with Permission of Chairman:

S.No	Proposal No.	File No.	Proposal Name	Company Name	Location	Remarks
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List of EAC Member :

S.No	Members Name	Designation	Email_ID
1	Prof. A.B. Pandit	Chairman	ab.pandit@ictmumbai.edu.in
2	Dr. Suresh Panwar	Member	spcpri@gmail.com
3	Dr. (ER.) Dibakar Swain	Member	drdibakarswain@gmail.com
4	Dr. Kishore Malviya	Member	kishore20m@gmail.com
5	Dr. P. Jagannadha Rao	Member	pjencon@gmail.com
6	Shri Ashok Kumar Patre	Member	ashokpatre-cgwb@gov.in
7	Shri Dinesh Runiwal	Member	d.runiwal@gov.in
8	Dr. Vijay S. Moholkar	Member	vmoholkar@iitg.ac.in
9	Shri Dinabandhu Gouda	Member	dinabandhu.cpcb@nic.in
10	Shri Suneet Dwivedi,	Member	suneetdwivedi@gmail.com
11	Dr. D. S. Pai	Member	dspai2005@gmail.com
12	Sh. Aditya Narayan Singh	Member Secretary	aditya.narayan@nic.in

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

Dated: 24.06.2025

**AGENDA FOR 104th MEETING OF THE EXPERT APPRAISAL COMMITTEE (INDUSTRY-3 SECTOR),
SCHEDULED TO BE HELD ON 30th June & 1st July, 2025**

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

1. It is informed that the 104th Meeting of EAC is scheduled to be held during 30th June & 1st July, 2025 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 **25.06.2025, by mentioning the Agenda No., Date and Project Name in the subject of the e-mail and on the folder of the pen drive. Hard copies are strictly not accepted.**
2. It is requested that the Project Proponent or his/her **authorized representative and the accredited consultant(s) involved in the preparation of EIA/EMP report** should **participate in EAC Meeting 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. In compliance to the OM dated 18.05.2023, the Consultant shall provide a self-attested copy of all the documents w.r.t their engagement & involvement in the preparation of EIA/EMP report & collection of Baseline data etc. The same shall be included in the initial slides of the presentation.
4. **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. Consultant shall submit the Plagiarism Certificate accordingly.**
5. 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. Harish, Moderator, NIC (Mobile No. 8800571304, email- support-ipb@nic.in). **PP is requested to join the meeting in VC with Agenda No. [(for ex. 104.1 (Name of PP) & Name of Consultant)].**
6. The Project Proponents are requested to circulate the documents either in pen drive or e-mail 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 the earliest.**
7. All the documents and 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.**
8. **Kindly make the presentation before the EAC based on the template provided at Annexure III. Copy of presentation along with annexures and brief shall be forwarded to the EAC/Ministry immediately or latest by 25.06.2025.** The soft copies sent by the PPs/consultants are most of the time do not open especially in ZIP/ RAR /Google drive, therefore PP is requested to send documents in pdf form by Post or Email (pdf/power point). **PP shall not send forward the link to download the documents.**
9. The project proponents should submit the Form-2, Pre-feasibility report, approval from concerned department/states, certified compliance of existing EC/CTO, Environment Impact Assessment (EIA/EMP) Report, public hearing report, queries subsequently raised by the Ministry, if any, and your para-wise comments thereto etc., details of the court matters/Orders of the Court pertaining to the project, if any are required to be **forwarded to the Chairman/Members of the Expert Appraisal**

Committee (Industry-3 Sector) in accordance with Environment Impact Assessment Notification, 2006 (as amended) including copy of Presentation, brief and other reports/ documents at earliest or latest by **25.06.2025** List of Committee Members is attached herewith.

10. 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), Severely Polluted Areas (SPA)** 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 25.06.2025.**
11. 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. **In case of Unit is operating with CTO, a certified compliance report (CCR) from the SPCB needs to be submitted as per ToR granted to the project.** The status of compliance of the conditions stipulated in the EC/ToR as highlighted in the report(s) will be discussed by the EAC during appraisal of the project.
12. The Project Proponents shall ensure that the reports / documents uploaded on the website of the Ministry and circulated to the EAC members are the same. In case of discrepancy, the project will not be considered.
13. 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.
14. **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.**
15. **PP shall submit the detailed green belt development plan along with details of species, timelines, budget provisions and also implementation status (for existing unit).**
16. **In case of pesticide projects, life cycle analysis study, if any needs to be included in the presentation for appraisal of EAC.**
17. **The presentation shall also include details of carbon foot prints and carbon sequestration study w.r.t proposed project needs to spell out. Proposed mitigation measures also need to be included in the PPT and submitted for further appraisal of the EAC.**
18. 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>
19. Kindly send a brief write up/ Executive Summary **(in Word Format only)** as per following format (Annexure - 'I') and CPA/SPA compliance **with CAS No.** in respect of the proposals for Environmental clearance to the EAC secretariat. Information should be sent in word format **(Font name: Arial, Font Size: 11)** only on following e-mails including Members of the EAC immediately or latest by **25.06.2025.**

Remarks- In case the above-mentioned documents are not submitted on or before 25.06.2025 to the Committee, the proposal will not be considered for the meeting.

aditya.narayan@nic.in puri.kanchan@gov.in bhawana.knegi@gov.in
industry3moefcc@gmail.com

(A N Singh)
Scientist F, MoEF&CC
Member Secretary (IND-3)

Note:

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

Project Name (same as EIA Report title) located at (Address of industrial unit)by M/s. (Name of PP) – Consideration/Reconsideration of Environmental Clearance/ToR

[Proposal No., F. No.]

1. The proposal is for seeking environmental clearance/ToR for the proposed (project title same as EIA Report title)located at by M/s.
2. The project is covered under the Category A of item 5(f) of the Schedule of Environment Impact Assessment (EIA) Notification, 2006 (amended from time to time)

since the project site is located outside notified industrial area.

OR

due to the applicability of the general condition i.e., the project site is located in Critically Polluted Area (CPA) / within 5 Km radius of Interstate Boundary of Haryana and Punjab / ESZ/CRZ.

and hence the proposal is appraised at the Central Level by the Expert Appraisal Committee (EAC).

3. Ministry vide letter no.; dated has issued EC earlier to M/s for (project name as per granted EC) the existing project.....in favour of M/s (in Expansion case/if applicable).
4. ToR has been issued by Ministry vide letter No. J.....; dated (In case of EC Proposal)
5. The project proposal was considered by the Expert Appraisal Committee (Industry-3) in its th meeting held on wherein the Project Proponent and the accredited Consultant namely M/s. (Name of EIA Consultant company) (NABET Accreditation Number: valid till.....) made a detailed presentation on the salient features of the project and informed that:
6. Existing land area ism²., additional.....m² land / or no additional land required for proposed expansion.

Details/Status of Land Ownership/Land Possession:

S N	Plot no./Survey no./Gat no.	Plot area (sq. m.)	Date of land allotment (if applicable)	Date of land Possession (if applicable)	Date of lease /sale deed / land transfer (if applicable)	Validity of lease/sale deed or possession certificate	Name on the lease/sale deed Or allotment/possession certificate
1							
2							
3							

Involvement of forest land:

Name of Authority transferring the Land:

Chronology of Land Transfer:

PP reported that GIDC allotted land vide letter no. GIDC/ALT/ACE/VPI/ALT/SHD/PLT/25431 dated 27/10/1988.)

7. The details of products and capacity as under:

S.N.	Product Details (complete name)	CAS NO.	Existing Quantity	Proposed Quantity	Total Quantity	Uses
1						

2						
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8. Details of Certified compliance report submitted by RO, MoEF&CC. (In case of expansion Proposal).

CCR was obtained vide letter no. J-11/60/2024-IROG NR dated 27/11/2024 and Closer report of partially complied condition vide letter no. J-11/60/2024-IROG NR dated 06/03/2025 from IRO, Gandhinagar.

Summary of Compliance Status as per CCR dated is given below:

S. N.	Title	Number
1.	Complied	42
2.	Partially / Partly Complied	1
3.	Not Complied	3
4.	Agreed to comply by the project proponent	2
5.	Noted by the unit	1
6.	Condition not applicable to the unit	0
7.	Being complied	1
	Total Conditions	50

PP submitted the Certified Compliance Report issued vide letter no. GPCB/ANK/CCA404(1)/ID-14908/862833 dated 15.05.2025 by GPCB, wherein it is mentioned that out of 56 conditions, 47 conditions has been complied by PP, 8 conditions are not applicable to the unit and 1 has not been complied by PP. the committee noted that one of the non-compliance points was installation of water meters.

9. Details / Chronology of existing EC, CTO, CTE:

- 1st EC obtained vide letter no. J-11011/447/2006-IA-II(I) **SEIAA/GUJ/EC/5(f)/1184/2018** dated 30/10/2018 from SEIAA, Gujarat
- 2nd EC vide letter no. **SEIAA/GUJ/EC/5(f)/44/2021** dated 07/01/2022 from SEIAA, Gujarat
- EC Amendment / Corrigendum vide letter no. **SEIAA/GUJ/EC/5(f)/1891/2022** dated 01/08/2022 from SEIAA, Gujarat.
- Consent to Operate obtained vide order no.: AWH: 126917, dated on 19/06/2023, valid up to 15/01/2028 from GPCB.

Sr. No.	Environment related Clearance / Permit Type	Granted by	Document No. & Date
1	Consolidated Environmental Clearance (EC) & Coastal Regulatory Zone (CRZ) Clearance	Ministry of Environment, Forests & Climate Change (MoEF&CC), Govt. of India	J-11011/247/2012-IA-II (I) dated 12/11/2015
2	Consent to Establish (CTE)	Gujarat Pollution Control Board	CTE Order No. 63789 dated 12.08.2014
3	Forest Approval	Forest and Environment Department, Govt. of Gujarat	Stage-1: No.6-GJB039/2015-BHO/1105 dated 31.08.2015 Stage-2: No.6-GJB039/2015-BHO/1394 dated 30.12.2015

			Forest Approval from Forest & Env't. Dept., Govt. of Gujarat, Ref. No. FCA-1015/10-23/15/SF-16-F dated 22.03.2016
4	Consolidated Consent & Authorization (CC&A) and its amendment	Gujarat Pollution Control Board	Consent Order No. AWH-137417 date of Issue: 01.10.2024

10. It is reported that there are **No** 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. Number and name of the Schedule-I species and **status of approval of the conservation plan for the Schedule-I species. Wildlife Conservation Plan vide letter dated is submitted to the Chief Wildlife Warden, Gandhinagar** with an allocated budget of Rs.

Details of project site proximity (in km) to sensitive areas:

- Habitation
- School
- River/Waterbody
- Hospital
- Forest
- Archaeological Survey of India (ASI) protected site
- Any other

11. Details (**distance in km**) of nearby ESZ/CRZ:

12. Details of NBWL Clearance/Permission (if applicable):

13. Ambient air quality monitoring was carried out at locations during to.....and the baseline data indicates the ranges of concentrations as: PM₁₀ (...-.... µg/m³), PM_{2.5} (...-.... µg/m³), SO₂ (...-.... µg/m³) and NO₂ (...-.... µg/m³). AAQ modeling study for point source emissions indicates that the maximum **incremental GLCs** after the proposed project would be µg/m³, µg/m³, µg/m³ and µg/m³ with respect to PM₁₀, PM_{2.5}, SO_x and NO_x. The resultant concentrations are within the National Ambient Air Quality Standards (NAAQS).

14. Total water requirement is m³/day of which fresh water requirement ofm³/day will be met fromthe approval for **water supply / Extraction of water from borewell** is obtained vide letter no. dated (Enclose copy of CGWA/MIDC/GIDC permission)

The remaining water requirementm³/day will be met through recycled water.

15. Effluent of quantity will be treated through..... The plant will maintain Zero Liquid discharge (ZLD) system (if applicable).

16. Rainwater storage tank capacity (nos. x KL): - **2 nos. x 200 KL**

17. 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 of capacity, additionally DG sets are used as standby during power failure. Stack (height) will be provided as per CPCB norms to the proposed DG sets.

18. 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. (Tabular format)

ESP followed by wet scrubber along with stack height of 47 m, 51 m, 51 m, 51 m and 51 m shall be provided to additional Coal fired Boiler (30 TPH; 45 TPH; 45 TPH; 45 TPH and 45 TPH) to control particulate emissions as per CPCB /SPCB norms. Multicyclone separator followed by bagfilter along with stack height of 24 m, 24 m, 30m, 30m, 30m and 30m shall be provided to

coal fired Hot Air Generator (5 lakh Kcal /hr., 4 lakh Kcal /hr., 50 lakh Kcal /hr., 50 lakh Kcal /hr., 50 lakh Kcal /hr. and 50 lakh Kcal /hr.) to control particulate emissions as per CPCB /SPCB norms. Stack height of 30m shall be provided to DG set (3x500 KVA) as per CPCB/SPCB norms.

19. Details of fuel: Existing and Proposed (Tabular format)

20. Details of Process emissions generation and its management: (Tabular format)

Two stage Water and Alkali Scrubber along with adequate stack height shall be provided to control process emissions viz. Br₂, Cl₂, and HBr generated from the existing and proposed Bromine plant. Two Stage Alkali Scrubber along with adequate stack height shall be provided to control process emissions viz., Br₂, Cl₂, and HBr generated from the proposed Bromine Stripping plants.

21. Details of Solid waste/ Hazardous waste generation and its management: (Tabular format)

- **Interim storage area for Hazardous waste is earmarked as sq. m.**

22. Public Hearing for the proposed project has been conducted by the State Pollution Control Board on Public hearing notice was published on date..... innos. of prominent newspapers namely..... The Public Hearing was attended by no. of persons. Public hearing was conducted at on date.....presided by the following presiding officers..... (name & designation of the presiding officers)

The main issues raised during the public hearing are related to:

Issue raised	Response/Commitment from Project Proponent	Action plan with time frame and budget
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AND

if it is exempted... gazette notification number/EC letter no. and date

Public Hearing is exempted as per clause 7(i)(iii) of OM No. J-11011/321/2016-IA. II(I) dated 27th April 2018 of EIA Notification, 2006 (amended from time to time) as the project site is located within the Notified Industrial Area declared by Government of and notified vide Gazette no. dated

Public consultation:

SN	Particular	Remarks
1	Details of advertisement given: (Date of advertisement in newspaper and Name of Newspaper):	
2	Date of public consultation:	
3	Venue of public consultation:	
4	Designation of Presiding Officer:	
5	Whether the commitments in public hearing form part of specific conditions/ EMP as per MoEF&CC OM dated 30/09/2020 and 25/02/2021:	

23. Details/Status of approved Water Supply Permission:

24. Details/Status of approved Wildlife Conservation Plan:

25. Details of Best Technology Adopted: **(write details as mentioned in the EIA Report and also write page no. of EIA report wherein it is mentioned)**

26. Status of Litigation Pending against the proposal, if any.

27. Industry has already developed / will develop greenbelt in an area ofm² i.e., 33 % of total plot area within the plant premises. The industry will plant / has planted nos. of tree saplings.

28. Total Employment will be persons as direct & persons indirect after expansion. Industry proposes to allocate Rs..... @ of % towards CER.

29. The estimated project cost is Rs..... including existing investment of Rs..... Total capital cost earmarked towards environmental pollution control measures is Rs..... and the Recurring cost (operation and maintenance) will be about Rs.....per annum. The breakup of capital and recurring cost is as follows:

S. N.	Activity	Approximate capital cost (Rs. in Lakhs)	Approximate recurring cost per annum (Rs. in Lakhs)	Basis for cost estimates
1	Air pollution control			
2	Water pollution control			
3	Noise pollution monitoring			
4	Solid and hazardous waste management			
5	Environment monitoring and management			
6	Green belt			
7	Fire & Safety			
8	Occupational health (OHC)			
9	CER Activity			
10	Cost of conservation plan of Schedule-I species, if any			
Total				

S. N.	Particular	Activity	Amount allocated (Rs.)
1	Total Cost		
2	EMP Cost		
3	Recurring cost		
4	CER Cost		
5	Land		
6	P. H. Commitment and action plan in brief		
7	Green belt		
8	Conservation plan		
9	Water approval		
10	Critical issues related to the Project, (if any)		

In case of Expansion proposal, the justification with supporting document that why the proposal is not a violation case needs to be submitted. The comparison of actual production vis a vis EC and CTO in a tabular format needs to be submitted.

The Undertaking from the PP that project is not a violation as per provision S. O 804 dated 14.3.2017 and

SOP dated 7.7.2021.

The PP needs to submit an undertaking in pursuant to Ministry's O.M No. J-11013/41/2006-IA. II(I) dated 04.08.2009 and J-11013/41/2006—IA.II (I) dated 5.10.2011

Project Name (same as EIA Report title) located at (Address of industrial unit)by M/s. (Name of PP) – Amendment / Corrigendum in Environmental Clearance/ToR

[Proposal No., F. No.]

1. The proposal is for **amendment in the Environmental Clearance** granted by the Ministry vide letter dated.....for the project.....located at.....in favour of M/s.....
2. Ministry had issued ToR /EC earlier vide letter no.; dated to the existing project.....in favour of M/s.....
3. The project proposal was considered by the Expert Appraisal Committee (Industry-3) in its th meeting held on wherein the Project Proponent and the accredited Consultant namely M/s. (NABET Accreditation Number: valid till.....) made a detailed presentation on the salient features of the project and informed that:
4. The project proponent has requested for amendment in the ToR/EC with the details are as under:

S. N.	Para of EC issued by MoEF&CC	Details as per the 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)

- 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:
 - Name
 - NABET Registration No.
 - Validity
- 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

Land Ownership Details

- KML of Land/project site area:

SN	Plot no./Survey no./Gat no.	Plot area (sq. m.)	Date of land allotment (if applicable)	Date of land Possession (if applicable)	Date of lease /sale deed / land transfer (if applicable)	Validity of lease/sale deed or possession certificate	Name on the lease/sale deed Or allotment/possession certificate
1							
2							
3							

- Involvement of forest land:
- Date of lease /sale deed / land transfer:
- Name of Authority transferring the Land
- Chronology of Land Transfer
- Land ownership document submitted to EAC
- Type of Land:
- Whether/When converted the land for industrial purpose:

Slide 2

Critical issues related to the proposed Project shall be elaborated by the Consultant/PP

Details of Earlier ECs with Past Productions Details

Details of Earlier CTOs with Past Productions Details

Details of Certified Compliance of Earlier EC/CTO

2

Slide 3

Introduction of The Project

- ◆ Brief Description about project
- ◆ Plot area
- ◆ % of green belt provided
- ◆ Land use change required
- ◆ Sources of Air(+Noise) Pollution
- ▶ 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

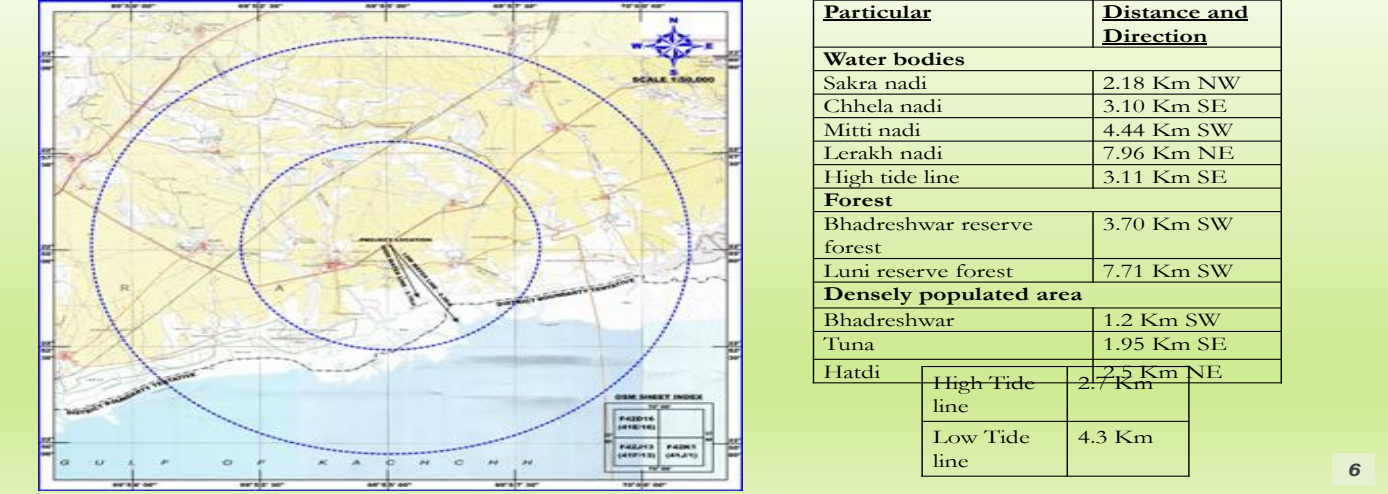
Slide 5

Location of Project and its Connectivity



Slide 6

Topographical Map



Slide 7

Project Site to be shown on Google Earth/DSS through KML/SHP File

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

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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.

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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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Slide 13

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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Slide 14

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 along with 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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Slide 24

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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Slide 26

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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Slide 27: Public Hearing Photographs

Slide 28:

Details of study of Impact assessment of ground water if ground water requirement is more than 100 KLD in OCS area (Over exploited, semi critical, critical area) permission to groundwater withdrawal should be based on study of Impact assessment of ground water withdrawal and be a part of EIA as per Hon'ble NGT direction in OA N.176 /2015 dated 20.7.2020.

Slide 29:

In case of pesticide projects, life cycle analysis study, if any needs to be included in the presentation for appraisal of EAC.

Slide 30:

The presentation shall also include details of carbon foot prints and carbon sequestration study w.r.t proposed project needs to spell out. Proposed mitigation measures also need to be included in the PPT and submitted for further appraisal of the EAC.

Slide 31:

Other details of Project and critical issues if any.

List of members of Expert Appraisal Committee (EAC) w.r.t Industry-3 Sector

S. No.	Name of Members	Designation
1.	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	Chairman
2.	Dr. Suresh Panwar House No.4, Gayateri Green Society, NH 58 Bypass, Kankerkhara, Meerut, Uttar Pradesh Email- spcpri@gmail.com	Member
3.	Dr. (ER.) Dibakar Swain DLS Homes, GA-367, Infront of DAV Campus-2, Sailashree Vihar, Bhubaneswar-751021 drdibakarswain@gmail.com	Member
4.	Dr. Kishore Malviya A-403, Jayanti Mansion-6, Manish Nagar, Nagpur-440015 kishore20m@gmail.com	Member
5.	Prof. (Dr.) Vijay S. Moholkar Professor in Department of Chemical Engineering, Block-K (Academic complex), Room No. 111, Indian Institute of Technology Guwahati, Guwahati – 781039 E-mail: vmoholkar@iitg.ac.in	Member
6.	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
7.	Dr. P. Jagannadha Rao D.No. 50-2-95, Gandhinagar, Nakkavanipalem, P& T Colony (Post), Visakhapatnam-530013, Andhra Pradesh pjencon@gmail.com	Member
8.	Shri Dinabandhu Gouda 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
9.	Dr. D. S. Pai, Scientist 'G', India Meteorological Department, Ministry of Earth Sciences, Mausam Bhawan, Lodhi Road, New Delhi-110003 E-mail: ds67.pai@imd.gov.in , dspai2005@gmail.com	Member
10.	Sh. Ashok Kumar Patre, Scientist 'E', Central Ground Water Authority, 18/11, Jamnagar House, Mansingh Road, New Delhi – 110011 E-mail: ashokpatre-cgwb@gov.in	Member
11.	Shri Amit Vashishtha Scientist-'E' Hazardous Substances Management Division of MoEF&CC, E-mail: amit.vashishtha@nic.in	Member
12.	Sh. A. N. Singh Scientist 'F' Ministry of Environment, Forest and Climate Change E-mail: aditya.narayan@nic.in	Member Secretary

Quick User Manual to use Desktop Video Conference

NIC and MoEFCC will moderate the Video Conferencing meeting. The Guidelines related to connecting VC is annexed herewith. PP will be ready before 10 minutes of the slot allowed to them. If any problem faced, please contact **Mr. HARISH, NIC (Mobile No. 8800571304, Email-support-ipb@nic.in)**.

The PP/Consultant who want to make presentation during EAC, have to download/install BharatVC App on desktop/Laptop.

A web Link will be shared by Member Secretary/Moderator before the EAC meeting. It is requested to be ready before 10 minutes as per slot provided to you.

Joining from Mobile devices: Click on the link on your mobile device. It will ask you to join the conference. It may ask to install Mobile App (BharatVC). Installed the BharatVC and click on link to join VC.

Please see the control menu to manage the conference. Keep your microphone muted and unmute only when you speak. You can chat or share desktop screen.

User should have minimum Internet connection of 5 Mbps from any service provider (Broadband/4G/5G etc.)

A Desktop/Laptop working in windows (Recommended).

Wired Earphone/Headphones with Microphone (Strongly recommended) or External USB camera & Speaker cum microphone.
