

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



### Agenda of Expert Appraisal Committee

Meeting ID	: IA/IND/13436/14/02/2023
Meeting Venue	: Ministry of Environment, Forest and Climate Change, Indira Paryavaran Bhawan, Jor Bagh Road, New Delhi-110003 through Video Conferencing Mode
Meeting Type	: Video Conference
Agenda Generation Date	: 03-02-2023

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	14 Feb 2023	10:30 AM	18:30 PM

#### Date of Meeting : 14-02-2023

S.No	Proposal No.	File No.	Proposal Name	Company Name	Location	Proposal Type
1	IA/AP/IND1/ 412497/202 3IA-J- 11011/97/20 21-IA-II(IND- I)Proposed Production of Low Carbon Ferro Manganese(100 TPM) or Low Carbon Silico Manganese (100 TPM) or 		SRI SANTHI INDUSTRIES	Tehsil: District: State: Andhra Pradesh	EC	
2	IA/CG/IND/6 8723/2017	23-121/2018 -IA.III(V)	Sunil Sponge Private Limited	SUNIL SPONGE PRIVATE LIMITED	Tehsil: Raipur District: Raipur State: Chhattisgarh	EC
3	IA/TN/IND1/ 409490/202 2	ID1/ IA-J- 202 11011/524/2 Rolling Mill & Steel 022-IA- II(IND-I) Id2/2 Rolling furnace with 4 Lakhs Tons Per Annum		CHENNAI UNITED METAL INDUSTRIES PRIVATE LIMITED	Tehsil: District: Tiruvallur State: Tamil Nadu	TOR

4	IA/OR/IND1/ 414111/202 3		Environment Clearance for Integrated Steel Plant with Pelletization Plant (2 x 0.6 MTPA), DRI Plant (3 x 1,10,000 TPA), MS Billets production of 4,00,000 TPA with IF of 2 x 8 Tonnes and 1 x 15 Tonnes and EAF (2 x 25 tonnes), Rolling Mill (2,00,000 TPA) Coal Washery (0.576 MTPA) with 78 MW CPP (24 MW #WHRB and 54MW #WHRB and 54MW #AFBC) at Village- Lahandabud, P.O H. Kantapali, Tehsil & District -Jharsuguda, Odisha by M/s Thakur Prasad Sao and Sons Pvt Ltd - Revalidation as per notification dtd 08.03.2021	LIMITED	Tehsil: District: Jharsuguda State: Orissa	TOR
5	IA/MP/IND1/ 404738/202 2	-	Proposed Ferro Alloys Plant for Production of Silico Manganese/Ferro Silicon/ Ferro Manganese/ Ferro Chrome by Installation of 2 x 9 MVA Submerged Arc Furnaces. & Manufacturing of Ferro Moly/ Ferro titanium/ LC or MC Ferro Manganese. & Sinter Plant and Processing Unit for Utilizing by Product and Waste Dust	SMO FERRO ALLOYS PRIVATE LIMITED	Tehsil: District: Ratlam State: Madhya Pradesh	TOR
6	IA/OR/IND/2 78468/2022	J- 11011/287/2 008-IA.II(I)	Expansion of existing Integrated Steel Plant to final capacity of Iron Ore Beneficiation Plant 2 MTPA, Pellet Plant 1.2 MTPA, Sponge Iron Plant 0.3 MTPA, Sinter Plant 1.75 MTPA, Blast Furnace 1.27 MTPA, Blast Furnace 1.27 MTPA, Steel Products (SMS & Rolling Mill) 1.5 MTPA, Coal Washery 1 MTPA, Coal Was	M/S AARTI STEELS LIMITED	Tehsil: Athagad District: Cuttack State: Orissa	TOR
7	IA/GA/IND/2 96119/2022		Proposed Expansion of	GOA SPONGE AND POWER LIMITED	Tehsil: Sanguem District: South Goa State: Goa	Amendment TOR

### Any Other Item with Permission of Chairman:

S.N	Proposal	File No.	Proposal Name	Company	Location	Remarks
ο	No.		-	Name		

### List of EAC Member :

S.No	Members Name	Designation	Email_ID
1	Shri. Rajive Kumar, IFS (Retired)	Chairman	chairman.eac.ind.1@gmail.com
2	Dr. S Ranganathan	Member	ranganathan.metals@gmail.com
3	Dr. Ranjit Prasad	Member	ranjitnitj@gmail.com
4	Dr. E V R Raju	Member	rajuevr60@gmail.com
5	Dr. S. K. Singh	Member	sksinghdce@gmail.com
6	Dr. Jai Krishna Pandey	Member	drjkpandey.eac.industry1@gmail. com
7	Dr. Tejaswini Ananthkumar	Member	tejaswini.acf@gmail.com
8	Dr. Hemant Sahasrabuddhe	Member	sshemant_801@rediffmail.com
9	Dr B Mohapatra, Director General, (Representative of National Council for Cement and Building Materials)	Member	dg@ncbindia.com
10	Shri Nazimuddin, Scientist 'F', (Representative of Central Pollution Control Board)	Member	nazim.cpcb@nic.in
11	Dr. S. Raghavan, Scientist 'D', (Representative of National Institute of Occupational Health	Member	raghuharihar@gov.in
12	Dr. Sanjay Bist, Scientist 'E', (Representative of Indian Meteorological Department)	Member	sanjay.bist@imd.gov.in
13	Dr. R. B. Lal, Director/Scientist 'F' and Member Secretary	Member Secretary	rb.lal@nic.in
14	Dr. Dipankar Shome	Vice Chirman	dshome61@gmail.com

### GOVERNMENT OF INDIA MINISTRY OF ENVIRONMENT, FOREST AND CLIMATE CHANGE (IA DIVISION-INDUSTRY-1 SECTOR)

Dated: 03.02.2023

# AGENDA FOR 23<sup>rd</sup> MEETING OF THE EXPERT APPRAISAL COMMITTEE (INDUSTRY-1 SECTOR), SCHEDULED TO BE HELD ON FEBRUARY 14, 2023

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

- 1. It is informed that the 23<sup>rd</sup> Meeting of EAC is scheduled to be held during February 14, 2023 through <u>Video Conferencing Mode</u> and accordingly all Project Proponents are requested to send all the documents (viz. Presentation, Brief, EIA/EMP Report and other requisite documents) to the <u>EAC/Ministry immediately or latest by 08.02.2023</u>.
- 2. It is requested that the Project Proponent or his/her authorized representative should participate the presentation meeting of EAC through <u>Video Conferencing Mode</u> 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 Moderator, NIC (Mobile No. 8800225087, email-support-ipb@nic.in). PP is requested to join the meeting in VC with Agenda No. [(for ex. 23.1 (Name of PP) & Name of Consultant].
- 4. For the purpose, the documents such as Form-1, Pre-feasibility report, Environment Impact Assessment Report, public hearing report, Action Plan on the issues raised during PH, queries (EDS and ADS) 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 including details of the court matters/Orders of the Court pertaining to the project, if any. <u>Accordingly, it is requested to forward a copy of each of these said documents by soft copy/e-mail to the Chairman/members of the Expert Appraisal Committee by 08.02.2023.</u> Address for correspondence with e-mail of the Chairman/Members are enclosed for necessary action.
- 5. It may be ensured that the Members receive the aforesaid requisite documents in soft copy/email pertaining to the projects latest by <u>08.02.2023</u> positively. Failing which the Committee will not consider the project.
- 6. Any changes/modification with respect to the agenda would be indicated in the Ministry's website. You are also requested to keep track of the status of your project from the Ministry/s Website i.e., <u>www.parivesh.nic.in</u>.
- 7. In addition to the above, kindly send a brief write up (Format enclosed as Annexure 1) of project (maximum 3-4 pages in MS-word format) along with the power point presentation containing salient features of the project with compliance to the stipulated ToR's preferably not exceeding 35-40 slides to the following email address as well as to the EAC members by 08.02.2023. A copy of the template for EC and ToR presentation is enclosed herewith. Further, the nodal officer and consultant contact details (Name, Designation, Mobile and E-mail) for the VC shall also be sent in the format given below:

Item No.	Proposal No with Company Name	Name of the Nodal person and consultant to be contacted	Contact Mobile/ E-mail

8. During presentations all the important features/critical parameters 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), SPA, OPA, 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 08.02.2023.

- 9. During presentations all the important features/critical parameters such as details of Court cases and directions of the SPCB and its implementation status needs to be presented.
- 10. In accordance with the circular no. IA3-22/10/2022-IA.III (E-177258) dated 08.06.2022, 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 IRO of Ministry of Environment, Forest and Climate Change. In case of Unit is operating with CTO, a certified compliance report 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.
- 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 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.
- 14. The PP shall submit the detailed green belt development plan along with details of species, timelines, budget provisions and also implementation status (for existing unit).
- 15. 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 needs to be included in the PPT and submitted for further appraisal of the EAC.
- 16. Details of project site and it surrounding (0.5-1.0 Km) have to be presented <u>using drone</u> survey before the EAC during appraisal of the project.
- 17. It is also requested that consultant to submit photo affidavit that EIA coordinator has visited the site and all the details and facts in the reports are correct.
- 18. The PP shall submit the details of nearby Schools, Villages, Habitations and other environmental sensitivity area along with distance and its impact due to the proposed activities and details mitigation measures needs to be spell out for further appraisal of the EAC.

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(Dr. R. B. Lal) Director/Scientist F & Member Secretary, EAC (Industry-1 Sector) Email- <u>rb.lal@nic.in</u> Tel: 011-20819346

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

### AGENDA FOR 23<sup>rd</sup> EXPERT APPRAISAL COMMITTEE (INDUSTRY-1 SECTOR) MEETING TO BE HELD DURING FEBRUARY 14, 2023

Venue: Ministry of Environment, Forest and Climate Change, Indira Paryavaran Bhawan, Jor Bagh Road, New Delhi-110003 through <u>Video Conferencing Mode</u>

### DAY 1: FEBRUARY 14<sup>th</sup>, 2023 (TUESDAY)

### <u> Time: 10:30 Hrs -18:00 Hrs</u>

### Consideration of Environmental Clearance Proposals

23.1 Proposed Production of Low Carbon Ferro Manganese(100 TPM) or Low Carbon Silico Manganese (100 TPM) or Low Carbon Ferro Chrome (100 TPM) at Plot No - 16, APIIC Growth Center, Phase - 1, Bobbili Mandalam, Vizianagaram District, Andhra Pradesh by M/s Sri Santhi Industries - Consideration of Environmental Clearance

[Proposal No. IA/AP/IND1/412497/2023; File No. IA-J-11011/97/2021-IA-II(IND-I)] [Consultant: Grass Roots Research & Creation India (P) Ltd.; Valid Upto: 15.02.2023]

23.2 Installation of additional 12 MT Induction Furnace to produce 36,000 TPA MS Billets, activity covered under 3 (a) Metallurgical Industries. Existing production capacity Sponge Iron: 2 X 100 TPD – 60,000 TPA, WHRB – 2 X 3 MW, Induction Furnace 12 MT – 36,000 TPA MS Billets and Biomass Based Power Plant – 5 MW by M/s Sunil Sponge Pvt. Ltd., located at Plot No. 96, 97, Siltara Phase II Industrial Area, Village Siltara, Tehsil & District–Raipur, Chhattisgarh– Consideration of Environmental Clearance under violation category of Notification 14.03.2017-Regarding

[Proposal No. IA/CG/IND/68723/2017; File No. 23-121/2018-IA.III(V)] [Consultant: M/s Anacon Laboratories Pvt. Ltd.; 29.03.2023]

### **Consideration in Terms of Reference**

23.3 Manufacturing of Re-Rolling Mill & Steel Melting furnace with 4 Lakhs Tons Per Annum by M/s Chennai United Metal Industries Private Limited, located at Plot No. 1842, 20<sup>th</sup> Main Road, Anna Nagar West Anna Nagar, Chennai – Consideration of TOR

[Proposal No. IA/TN/IND1/409490/2022; File No. IA-J-11011/524/2022-IA-II(IND-I)] [Consultant: Eco Chem Sales and Services; Valid upto: 03.02.2023]

23.4 Integrated Steel Plant with Pelletization Plant (2 x 0.6 MTPA), DRI Plant (3 x 1,10,000 TPA), MS Billets production of 4,00,000 TPA with IF of 2 x 8 Tonnes and 1 x 15 Tonnes and EAF (2 x 25 tonnes), Rolling Mill (2,00,000 TPA) Coal Washery (0.576 MTPA) with 78 MW CPP (24 MW #WHRB and 54MW #AFBC) at Village- Lahandabud, P.O.- H. Kantapali, Tehsil & District-Jharsuguda, Odisha by M/s Thakur Prasad Sao and Sons Pvt. Ltd. – Consideration of TOR

[Proposal No. IA/OR/IND1/414111/2023; File No. IA-J-11011/13/2023-IA-II(IND-I)]

23.5 Proposed Ferro Alloys Plant for Production of Silico Manganese/Ferro Silicon/ Ferro Manganese/ Ferro Chrome by Installation of 2 x 9 MVA Submerged Arc Furnaces. & Manufacturing of Ferro Moly/ Ferro titanium/ LC or MC Ferro Manganese. & Sinter Plant and Processing Unit for Utilizing by Product and Waste Dust by M/s SMO Ferro Ltd., located at SY. NO. 32/1 & 33/1, Gram Shivgadh, Kuajhagar, Tehsil-Sailana, District-Ratlam, Madhya Pradesh – Consideration of TOR

[Proposal No. IA/MP/IND1/404738/2022; File No. IA-J-11011/486/2022-IA-II(IND-I)]

### **Re-Consideration in Terms of Reference**

23.6 Expansion of existing Integrated Steel Plant to final capacity of Iron Ore Beneficiation Plant 2 MTPA, Pellet Plant 1.2 MTPA, Sponge Iron Plant 0.3 MTPA, Sinter Plant 1.75 MTPA, Blast Furnace 1.27 MTPA, Steel Products (SMS & Rolling Mill) 1.5 MTPA, Coal Washery 1 MTPA, Coke Oven Plant (Non-Recovery Type) 0.5 MTPA, Ferro Alloy Plant 0.125 MTPA, Lime Dolo Plant 0.165 MTPA, Oxygen Plant 0.302 MTPA, CPP- 215 MW of M/s Aarti Steels Ltd., located at Village-Ghantikhal, Tehsil-Athagarh, District-Cuttack, Odisha– Re-Consideration of TOR

[Proposal No. IA/OR/IND/278468/2022; File No. IA- J-11011/287/2007.-IA.II(I)]

### Modification/Amendment in Terms of Reference

23.7 Proposed Expansion of Sponge Iron Plant From 90,000 to 1,25,000 TPA, Induction Furnace & Billet Caster from 2x12T (300 TPD) To 1x12T, 1x15T (416 TPD), Captive Power Plant from 12 to 12.5 MW, Addition of Hot Rolling Mill including galvanizing 425 TPD, & Fly Ash Brick Manufacturing Unit 1000-1200 Bricks/Hr. by M/s. Goa Sponge & Power Limited, located at Survey No. 58/I,59/I,60/I (Part), Santona Village, Sanguem Taluka, South Goa District, Goa - Consideration of Modification in TOR

[Proposal No. IA/GA/IND/296119/2022; File No. IA-J-11011/246/2018-IA.II(I)]

23.8 Any other item with permission of the Chair.

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### Format for Brief Write-Up [Environment Clearance including para 7(ii) and ADS cases]

- 2. The detail of the ToR is furnished as below: (Not applicable for clause 7(ii) cases)

	Consideration	Details	Date of accord	ToR Validity
Date of application				
	meeting of EAC held on	Terms of Reference		
	meeting of EAC held on	Amendment (if any)		

3. The project of M/s......located in ......Village, ...... Tehsil, ...... District, ...... State is for setting up of a new ...... For production of ...... Million Tons Per Annum (MTPA)/ enhancement of production of ...... From..... to .... MTPA.

### 4. Environmental site settings

	Particulars	Details	Remarks
S. No.			
1.	Total land	ha [Private: ha; Govt: ha; Agriculture: ha; and Grazing land:]	Land use:
2.	Land acquisition details as per MoEF&CC O.M. dated 7/10/2014		
3.		Project site: Name of village (if any) Study Area: Habitation Distance Direction	Status of R&R.
4.	Latitude and Longitude of <u>all</u> <u>corners</u> of the project site.	Point Latitude Longitude	
5.	Elevation of the project site	M above mean sea level	
6.	Involvement of Forest land if any.	Status of stage I Forest Clearance: Area of the forest land involve:	
7.	Lakes, Pond, Nala, Natural Drainage,	Project site: Name Study area Water body Distance Direction	Authenticated HFL data of the water body shall be furnished.

	Particulars	Details	Remarks
S. No.			
8.	Existence of ESZ/	Study area	
	ESA/ national park/	Name of the ESZ/ESA:	
	wildlife sanctuary/	Status of Notification:	
	biosphere reserve/	Distance of project from ESZ/ESA:	
	tiger reserve/	Authenticated map of ESZ projecting	
	elephant reserve	distance of ESZ from project site:	
	etc. if any within the	Status of NBWL approval:	
	study area	List of Reserved and protected forests:	

- 6. Implementation status of the existing EC [Only for expansion and clause 7(ii) cases]

S	5. No.	Facilities	Units	As per EC dated	Implementation Status as on	Production as per CTO

7. The unit configuration and capacity of existing [Only for expansion and clause 7(ii) cases] and proposed project is given as below:

		Existing facilities as per EC dated subsequent amendment dated(if										Final			
SI. No.	Plant		Tot (A+		-	mented (A)	imp	Jn- leme d (B)		per TO		nits		sting + osed)	
	Equip ment/ Facility	Configuration	Capacity	Configuration	Capacity	Configuration	Capacity	Configuration	Capacity	Configuration	Capacity	Configuration	Capacity	Remarks	

8. The details of the raw material requirement for the proposed project/ expansion cum proposed project along with its source and mode of transportation is given as below:

S.	Raw Material         Quantity required per annum		Source	Distance	Mode of		
No.		Existing	Expansion	Total		from site (Kms)	Transportation

10. Existing power requirement of ..... MW is obtained from...... [Only for expansion and clause 7(ii) cases]. The power requirement for the proposed project is estimated as ......MW, out of which ......MW will be obtained from the ......

Period						Additional study (if any)
AAQ parameters	PM <sub>2.5</sub> = To	0	µg/m <sup>3</sup>			
at	PM <sub>10</sub> <sup>2.0</sup> =	$PM_{10}^{10} = \dots To \dots Mg/m^3$				
Locations (min	SO <sub>2</sub> = to	)	µa/m <sup>3</sup>			
and max)	Nox = To					
	СО = То .					
Incremental GLC	PM <sub>10</sub> =μg			m in D	irection)	
level	$SO_2 = \dots \mu$	a/m <sup>3</sup> (L	evel at	km in		
	Direction					
	Nox = µ	,	evel at	km in		
	Direction					
	CO = µg		evel atk		irection)	
Ground water	pH:to, T	otal Ha	ardness:to	ma/l.	/	
quality at	Chlorides:				)	
locations	mg/l. Heavy m		•			
Surface water	pH:to			and BOD:		
quality at	mg/l. COI		•			
locations	]					
Noise levels Leg	to	for the	e day time ar	nd t	0	
(Day and Night)	for the Night time.					
Traffic	Traffic	study	has bee	en condu	cted at	
assessment study	NH/SH/MDRwhich is					
findings	approximately(distance) from the plant					
·	site.					
	<ul> <li>Transpor</li> </ul>					
			done9			
	<ul> <li>Existing</li> </ul>	PCL		•	U/hr on	
		.(NH/S	SH/MDR) an	d existing	level of	
	service (l	LÒS) is	S:	-		
	Road V	/	С	Existing	LOS	
	(Volu	ume	(Capacity	V/C		
	ir		in	Ratio		
	PCU	/hr.)	PCU/hr.)			
		-	-			
	· · · ·					
	• PCU k	bad	after propo	osed pro	iect will	
			l) +			
	,	•	vice (LOS) w	•	,	
	Road	/	C	Propose	d LOS	
		ume	(Capacity	V/C Rati		
	i		in			
		/hr.)	PCU/hr.)			
		-7				
	* Note: Capacit	vaen	er IRC-	Guir	le line for	
	capacity			Guic		
	capacity	101 100				
	Conclusion:	The lev	vel of service	will م	after	

Flora and fauna	Presence of schedule I fauna and endangered Flora if any. If yes, status of site specific wildlife conservation plan.		
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12. The details of solid and hazardous waste generation along with its mode of treatment/disposal is furnished as below:

S. No.	Type of Waste	Source	Quantity generated (TPA)	Mode of Treatment	Disposal	Remarks

### 13. Public Consultation: (In case of clause 7(ii) cases, only details of earlier public consultation shall and its implementation status shall be furnished)

Details of advertisement given	
Date of public consultation	
Venue	
Presiding Officer	
Major issues raised	

### Action plan as per MoEF&CC O.M. dated 30/09/2020

S. No	Physical activity	Year of implementation (Budget in INR)			Total Expenditure	
	Name of the Activity	Physical Targets	1 <sup>st</sup>	2 <sup>nd</sup>	3 <sup>rd</sup>	(Rs. in Crores)

S.No.	Description of Item	Existing Croi	(Rs. In res/lakhs)	Proposed (Rs. In Crores/lakhs)		
		Capital Cost	Recurring Cost	Capital Cost	Recurring Cost	
(i).	Air Pollution Control/ Noise					
	Management					
(ii).	Water Pollution Control					
(iii).	Environmental Monitoring and Management					
(iv).	Green Belt Development					
(v).	Addressal of Public Consultation concerns					
	Details of adoption of villages, if any					

15. Existing green belt has been developed in ..... ha area which is about ...% of the total project area of ......ha with total sapling of ....... Trees [Only for expansion and clause 7(ii) cases]. Proposed greenbelt will be developed in ..... ha which is about .....% of the total project area. Thus total of ........ ha area (.....% of total project area) will be developed as greenbelt. A ----m wide greenbelt, consisting of at least 3 tiers around plant boundary will be developed as greenbelt and green cover as per CPCB/MoEF&CC, New Delhi guidelines. Local and native species will be planted with a density of

2500 trees per hectare. Total no. of ...... saplings will be planted and nurtured in ...... hectares in ...... years.

16. It has been reported that following will be resource consumption after the proposed change: [In case of clause 7(ii) cases only]

Particulars	As per EC dated	After proposed change under para 7(ii)	% increase
Land			
Greenbelt			
Water			
Power			
Rawmaterials			
Products			

### 17. Pollution load assessment [In case of clause 7(ii) cases only]

Particulars	As per EC dated	After proposed change under para 7(ii)	% increase
Air			
Water			
Solid and Hazardous waste			
Traffic load			

- 18. Summary of violation under EIA, 2006/court case/show cause/direction if any, related to the project under consideration shall be furnished.

#### 20. Certified compliance report from Regional Office [Only for expansion and clause 7(ii) cases]

S. No.	Non- Observation of RO			Condition no	Re-assessment by	
	compliances details	(abridged)	EC date	Specific	General	RO / Response by PP

#### ADS Information in chronology [Only for ADS cases]

- 22. The proponent submitted the ADS reply vide letter dated ...... uploaded on PARIVESH on...... Point-wise reply of ADS is given as below:

S No	ADS Point	Reply/Response of PP			

### Format for Brief Write-Up (ToR)

- 2. The project of M/s......Iocated in ......Village, .....Tehsil , .....District,.....State is for setting up of a new ...... for production of ......Million Tons Per Annum (MTPA)/ enhancement of production of ...... from..... to .....MTPA.

S.No.	Particulars		Details		Remarks
i.	Total land	ha [Priv Agriculture: ]		Land use:	
ii.	Land acquisition details as per MoEF&CC O.M. dated 7/10/2014				
iii.	Existence of habitation &	Project site: N Study Area:			Status of R&R.
	involvement of R&R, if any.	Habitation	Distance	Direction	
iv.	Latitude and Longitude of <u>all</u> <u>corners</u> of the project site.	Point	Latitude	Longitude	
V.	Elevation of the project site	m above	mean sea lev		
vi.	Involvement of Forest land if any.	Status of stage Area of the fo			
vii.	Water body (Rivers, Lakes, Pond, Nala, Natural Drainage, Canal etc.) exists within the project site as well as study	Project site: Name Study area Water body	Distance	Direction	Authenticated HFL data of the water body shall be furnished.
viii.	area Existence of ESZ/	Study area			
	ESA/ national park/ wildlife sanctuary/ biosphere reserve/ tiger reserve/ elephant reserve	Name of the ESZ/ESA: Status of Notification: Distance of project from ESZ/ESA: Authenticated map of ESZ projecting distance of ESZ from project site:			

3. Environmental site settings

S.No.	Particulars	Details	Remarks
	etc. if any within the	Status of NBWL approval:	
	study area	List of Reserved and protected forests:	

- 5. Implementation status of the existing EC [Only for expansion cases]

SI. No.	Facilities	Units	As per EC dated	Implementation Status as on	Production as per CTO

6. The unit configuration and capacity of existing [Only for expansion cases] and proposed project is given as below:

	Plant	Тс	subse	quent Imple		ment	EC dated <u>dated</u> Un- emented (B)	(if any	/)		oosed nits	(Exis	inal sting + oosed)	
SI. No.	Equipmen t/ Facility	Configuration	Capacity	Configuration	Capacity	Configuration	Capacity	Configuration	Capacity	Configuration	Capacity	Configuration	Capacity	Remarks

7. The details of the raw material requirement for the proposed project/ expansion cum proposed project [Only for expansion cases] along with its source and mode of transportation is given as below:

S. No.	Raw	Quantity	required per a	nnum	Source	Distance	Mode of
	Material	Existing	Expansion	Total		from site (Kms)	Transportation

- 9. Existing power requirement of ..... MW is obtained from....... [Only for expansion]. The power requirement for the proposed project is estimated as ......MW, out of which ......MW will be obtained from the ......
- 10. The capital cost of the project is Rs.....Crores and the capital cost for environmental protection measures is proposed as Rs....Crores. The employment generation from the proposed project / expansion is....
- 11. Summary of violation under EIA, 2006/court case/show cause/direction if any, related to the project under consideration shall be furnished.

#### 13. Proposed Terms of Reference (Baseline data collection period: ------)

Attributes	Parameters	Sam	pling	Remarks
A. Air		No. of stations	Frequency	
a. Meteorological parameters				
b. AAQ parameters				
B. Noise				
C. Water				
Surface water/Ground water quality parameters				
D. Land				
a. Soil quality b. Land use				
E. Biological a. Aquatic b. Terrestrial				
F. Socio-economic parameters	and a second			
ADS Information in chronolog	<u>y</u> [Only for ADS cases]			

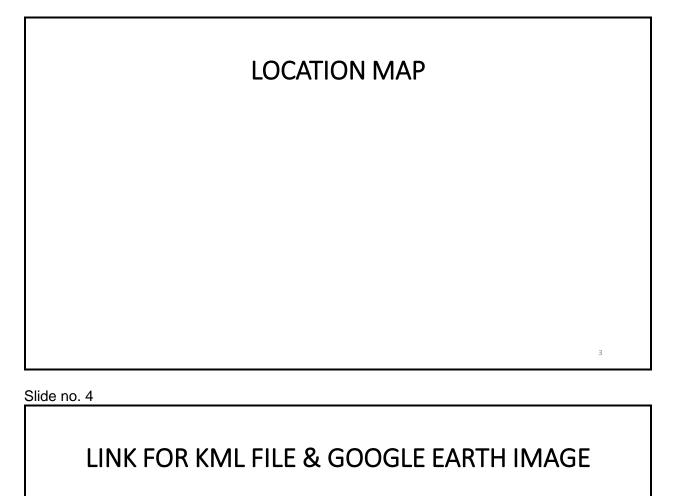
- 15. The proponent submitted the ADS reply vide letter dated ...... uploaded on PARIVESH on...... Point- wise reply of ADS is given as below:

S No	ADS Point	Reply/Response of PP

NAME OF	THE PROJECT
EAC MEETING DETAILS & AGENDA NO.	PROPOSAL NO. FILE NO.
NAME OF THE PROJECT     PROPONENT WITH ADDRESS	<ul> <li>NAME OF THE CONSULTANT</li> <li>NABET REGISTRATION NO.</li> <li>VALIDITY</li> </ul>

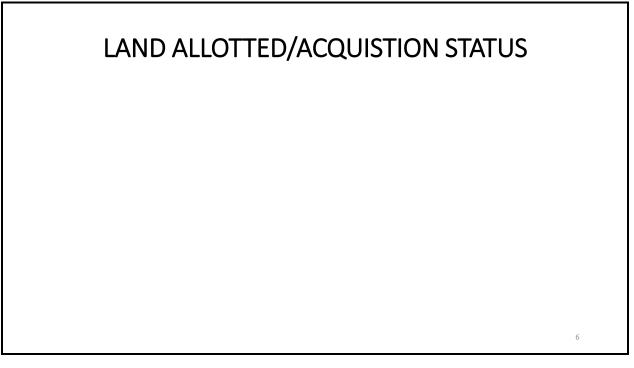
Slide no. 2:

SL. NO.	PARTICULARS	DETAILS
1.	DATE OF GRANT OF ToR	
2.	BASELINE STUDY PERIOD	
3.	DATE OF PUBLIC HEARING	
4.	PROJECT COST	
5.	EMP COST (CAPITAL AND RECURRING)	
6.	MANPOWER DETAILS	
7.	DETAILS IF PROJECT FALLS UNDER THE PURVIEW OF A) FCA,1980 B) WLPA,1972 C) CRZ, 2011	
8.	CPA/SPA/ESA/ESZ, IF ANY	
9.	INTERLINKED PROJECT, IF ANY, WITH STATUS	
10.	ANY OTHER RELEVANT INFORMATION	



## TOPOGRAPHICAL MAP

Slide no. 6



## PREVIOUS EC DETAILS

(In case of Expansion Projects)

• EC granted on

Facilities envisaged	Consent status (CTE/CFO)	Implementati on status	Remarks	Production details	Details of Violation, if, any
·					

### Slide no. 8

ertified report is	sued on		
Non- compliances	Corrective action taken	Present status	Remarks
reported if any			

SL. NO.	PARAMETERS	DETAILS
a.	Water body	
b.	Highway	
с.	Railway line	
d.	Habitation	
e.	National Park/Wildlife Sanctuary/Bio-sphere Reserve/Elephant corridor/ Tiger reserve/Eco-sensitive Zone/Eco sensitive Area	
f.	Any other	

Slide no. 10

### EXISTING & PROPOSED UNIT CONFIGURATION WITH CAPACITY IN TPA

NAME OF THE FACILITY	CONFIGURATION (Existing/Expansion)	TOTAL CAPACITY (TPA)

## PLANT LAY OUT

Slide no. 12

### RAW MATERIAL CONSUMPTION

SL.NO.	RAW MATERIAL	QUANTITY (TPA)	SOURCE	DISTANCE (W.R.T. PLANT)	MODE OF TRANSPORT	REMARKS

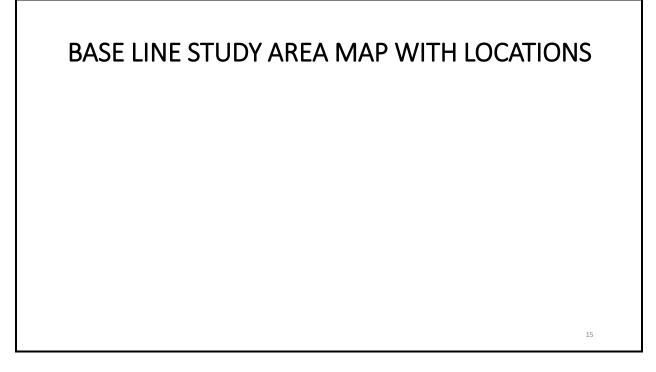
### FUEL, POWER / ENERGY & WATER REQUIREMENT WITH REQUISITE PERMISSION DETAILS

F		REQUIREMENT	PERMISSION DETAILS	REMARK
_   F	FUEL			
P	POWER/ENERGY			
V	WATER REQUIREMENT			

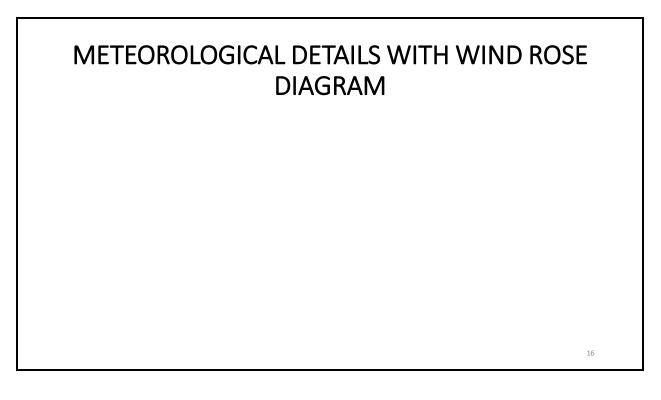


## WATER BALANCE DIAGRAM

14



Slide no. 16

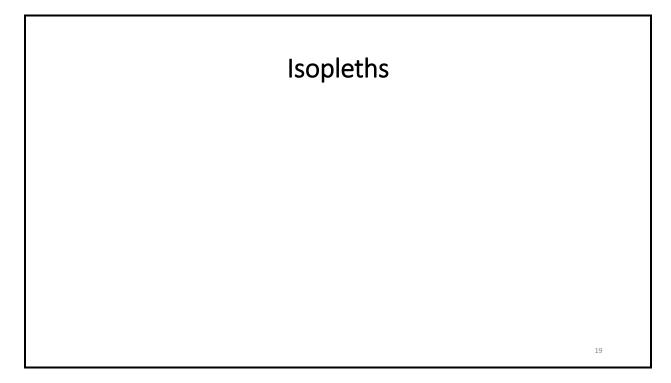


PERIOD	
AAQ PARAMETERS AT LOCATIONS	PM <sub>2.5</sub> =µg/m <sup>3</sup>
	PM <sub>10</sub> =μg/m <sup>3</sup>
	SO <sub>2</sub> =µg/m <sup>3</sup>
	NO <sub>2</sub> =µg/m <sup>3</sup>
	CO =mg/m <sup>3</sup>
	Any other relevant parameter
AAQ MODELLING (Incremental GLCs)	PM =µg/m <sup>3</sup> (Distance and Direction)
	$SO_2 = \dots \mu g/m^3$ (Distance and Direction)
	NOx = $\mu g/m^3$ (Distance and Direction)
GROUND WATER QUALITY AT	pH:mg/l, Chlorides:mg/l,
LOCATIONS	Fluoride:mg/l. Heavy metals
	Any other relevant parameter
SURFACE WATER QUALITY	pH:mg/l, BOD:mg/l & COD:
ATLOCATIONS	mg/l. Any other relevant parameter
NOISE LEVELS ATLOCATIONS	dBA for day time and to
	dBA for night time.

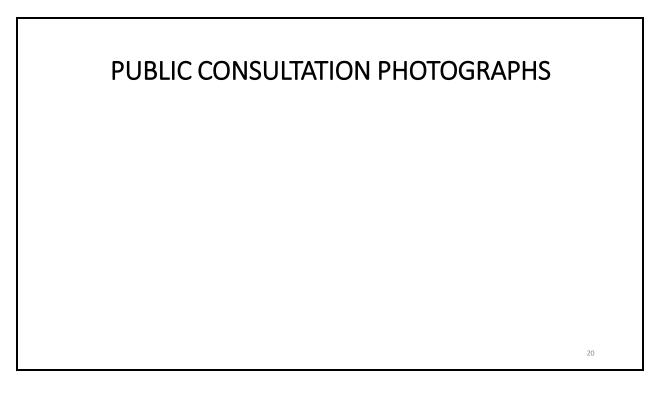
Slide no. 18

## TRANSPORTATION PLAN - VEHICULAR TRAFFIC LOAD STUDY AS PER IRC GUIDELINE

PARTICULARS	DETAILS	REMARKS
TRAFFIC LOAD STUDY PERIOD		
TRAFFIC LOAD (BASELINE) (PCU/DAY)		
ADDITIONAL TRAFFIC LOAD DURING OPERATION OF THE EXPANSION PROJECT (PCU/DAY)		
TOTAL TRAFFIC LOAD DURING OPERATION OF EXISTING AND PROPOSED EXPANSION (PCU/DAY)		
TRAFFIC CAPACITY AS PER THE IRC 73: 1980 FOR HIGHWAYS (PCU/DAY)		



Slide no. 20



	made through advertisement in the Newspapers and
••••••	ted on(Date) at(Time) at(Venue), Villag . Tehsil,District,State under the chairmanship 
• Attende	ed by
<ul> <li>Issues a</li> </ul>	re

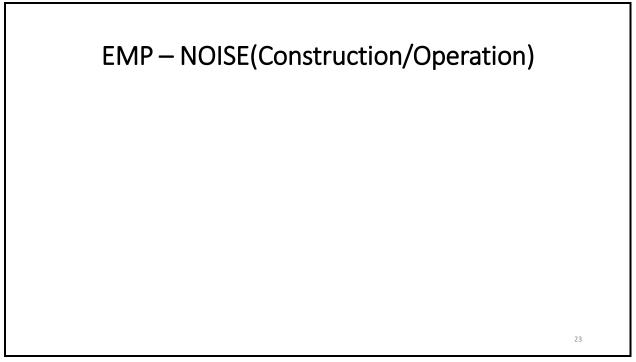
Slide no. 22

## ACTION PLAN TO ADDRESS PH ISSUES

SL.NO.	ISSUE RAISED	COMITTMENT BY PROJECT PROPONENT	ACTION PLAN WITH TIME FRAME AND BUDGET

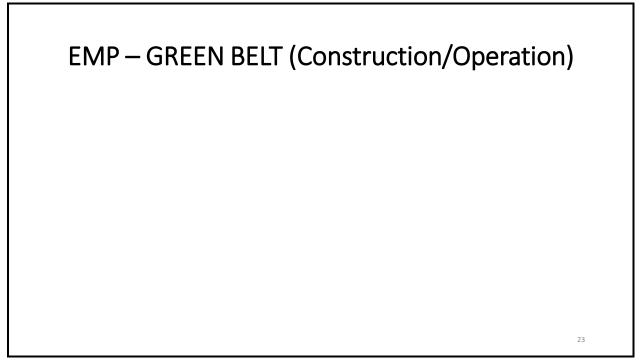


Slide no. 24





Slide no. 26

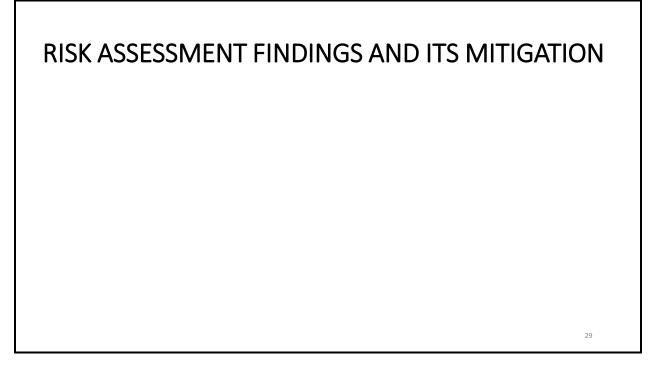


### EMP - SOLID & HAZARDOUS WASTE MANAGEMENT & DISPOSAL

SL.	TYPE OF WASTE		QUANTITY (TPD)	)	MODE OF	AGREEMENT
NO.		EXISTING	PROPOSED	TOTAL	DISPOSAL	DETAILS FOR DISPOSAL

Slide no. 28

SL. NO	ENVIRONMENT /SOCIAL CONTROL						REMARKS	
		EXISTING		PROPOSED		TOTAL		
		MEASURE	CAPITAL	RECURRING (PER ANNUM)	CAPITAL	RECURRING (PER ANNUM)	CAPITAL	RECURRING (PER ANNUM)

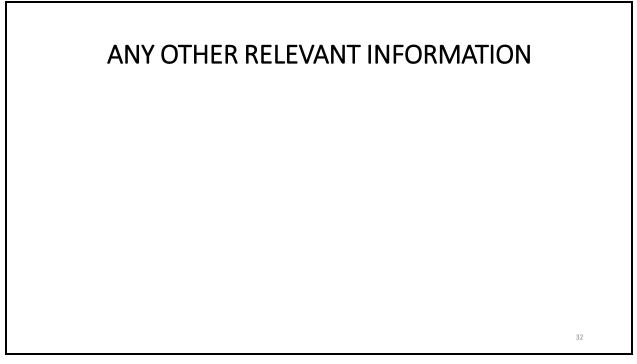


Slide no. 30

ENERGY CONSERVATION MEASURES	
	30



Slide no. 32



#### Slide no. 33: 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) Inform about the project proponent iii) Importance and benefits of the project	nation
Reply:	
And so on	23

Slide 34 : 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 35: 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 needs to be included in the PPT for appraisal of the EAC.

Slide 36: Other details of Project and critical issues, if any.

NAME OF THE PROJECT					
EAC MEETING DETAILS & AGENDA NO.	PROPOSAL NO AND SUBMISSION DATE				
NAME OF THE PROJECT     PROPONENT WITH ADDRESS	<ul> <li>NAME OF THE CONSULTANT</li> <li>NABET REGISTRATION NO.</li> <li>VALIDITY</li> </ul>				

SL. NO.	PARTICULARS	DETAILS
1	S.NO. IN THE SCHEDULE & PROJECT SECTOR	
2	CATEGORY OF THE PROJECT	
3	SPECIFIC/GENERAL CONDITION APPLICABLE	
4	PROPOSED SITE/LAND DETAILS	
5	GREENBELT DETAILS	
6	PROJECT COST	
7	MANPOWER DETAILS	
8	DETAILS IF PROJECT FALLS UNDER THE PURVIEW OF A) FCA,1980, B) WPA,1972, C) CRZ, 2011	
9	CPA/SPA/ESA/ESZ, IF ANY	
10	INTERLINKED PROJECT, IF ANY, WITH STATUS	



Slide No. 4

## LINK FOR KML FILE

### ALTERNATE SITE ANALYSIS

(In case of green-field project)

PARAMETERS	SITE 1	SITE 2	SITE 3	SELECTED SITE WITH JUSTIFICATION

Slide No. 6

## PREVIOUS EC DETAILS

PARTICULARS	DOCUMENT NO.	DATE	VALIDITY	IMPLEMENTATION STATUS
DETAILS OF EARLIER EC				
DETAILS OF CTE				
DETAILS OF CTO				

SL. NO.	PARAMETERS	DETAILS	
a.	Water body		
b.	Highway		
с.	Railway line		1
d.	Habitation		1
е.	National Park/Wildlife Sanctuary/Bio-sphere Reserve/Elephant corridor/ Tiger reserve/Eco-sensitive Zone/Eco sensitive Area		
f.	Any other		

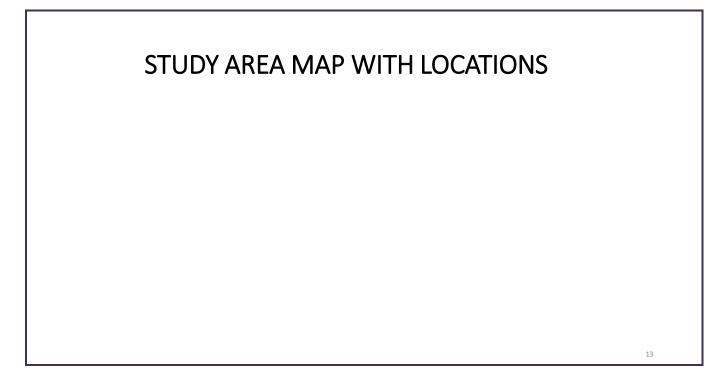
NAME OF THE FACILITY	CONFIGURATION	CAPACITY (TPA)	7
	CONFIGURATION		-
			-
			1

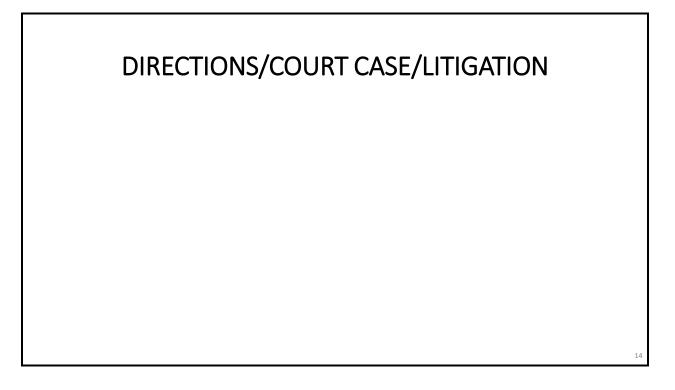
## PLANT LAYOUT

SL. NO.	RAW MATERIAL	QUANTITY	SOURCE	MODE OF TRANSPORT	REMARKS

SI. No.	PARTICULARS	QUANTITY	SOURCE	MODE
1	WATER REQUIREMENT			
2	POWER REQUIREMENT			
3	FUEL REQUIREMENT			
4	ANY OTHER REQUIREMENT			

ttributes	Sampling		Remarks
. Air	No. of stations	Frequency	
. Meteorological parameters			
. AAQ parameters			
. Noise			
. Water			
urface water/Ground water quality arameters			
. Land			
. Soil quality . Land use			
A. Biological . Aquatic 9. Terrestrial			
. Socio-economic parameters			





## ANY OTHER RELEVANT INFORMATION

### LIST OF MEMBERS OF THE EXPERT APPRAISAL COMMITTEE (INDUSTRY-1 Sector)

S. No.	Name & Address	Position
1.	Shri Rajive Kumar, IFS Retired B-2/4 Vijyant khand Gomti Nagar Lucknow, Uttar Pradesh- 226010 chairman.eac.ind.1@gmail.com	Chairman
2.	Dr. Dipankar Shome House No. 74, Saroj Nagar, Hazari Pahad, Nagpur, Maharashtra- 440007 dshome6 <u>1@gmail.com</u>	Vice Chairman
3.	Dr. S Ranganathan AT-5 Banyan Tree Apartments, 154 Kariyammana Agrahara, Devarabeesanahälli, Near Sakra World Hospital, Bengaluru 560103 ranganathan.metals@gmail.com	Member
4.	Dr. Ranjit Prasad Associate Professor Department of Mineral Processing Technology, Environmental Quality, EIA Process NIT Jamshedpur Q. No. CF 52, NIT Jameshedpur Campus, PO-NIT, Adityapur, PIN-831014 ranjitnitj@gmail.com	Member
5.	<b>Dr. E V R Raju</b> Divya Shree Shakthi, Mayuri Nagar, Miyapur, Hyderabad-500049, telangana. <u>rajuevr60@gmail.com</u>	Member
6.	<b>Dr. S. K. Singh</b> Professor - Civil & Environmental Engg., DTU, Type V/29, Professor & Dean Delhi Technological University Campus (Formerly Delhi College of Engineering) Bawana Road Delhi-110042 sksinghdce@gmail.com,	Member
7.	<b>Dr. Jai Krishna Pandey</b> Chief Scientist & Head, Mine Fire, Ventilation and Miner's health Research Group Room No. TG- 8, Technological Block CSIR- Central Institute of Mining and Fuel Research Barwa Road, Dhanbad-826015 (Jharkhand) Email: drjkpandey.eac.industry1@gmail.com	Member
8.	<b>Dr. Tejaswini Ananthkumar</b> 84, Ranoji Rao Road, Basavanagudi, Bengaluru-560004 tejaswini.acf@gmail.com	Member
9.	Dr. Hemant Sahasrabuddhe LB-53, Housing Board Colony, Laxminagar, Nagpur-440022, Maharashtra, India sshemant 801@rediffmail.com	Member

S. No.	Name & Address	Position
10.	Dr B Mohapatra,	Member
	Director General,	
	(Representative of National Council for Cement and Building Materials)	
	34, Km Stone, Delhi-Mathura Road (NH-2), Near Sant Surdas (Sihi) Metro Station, Sector 4, Ballabhgarh, Faridabad, Haryana	
	121004	
	Email: <u>dg@ncbindia.com</u>	
11.	Shri Nazimuddin,	Member
	Scientist 'F' & Divisional Head-IPC-II Division	
	(Representative of Central Pollution Control Board)	
	Parivesh Bhawan, East Arjun Nagar, Delhi-110032	
	Email: <u>nazim.cpcb@nic.in</u>	
12.	Dr. Sanjay Bist,	Member
	Scientist 'E'	
	(Representative of Indian Meteorological Department), Mausam Bhawan, Lodhi Road, New Delhi – 110003	
	Email: sanjay.bist@imd.gov.in	
13.	Dr. S. Raghavan,	Member
15.	Scientist "D",	MEILIDEI
	(Representative of National Institute of Occupational Health)	
	Regional Occupational Health Centre, ROHC(S), Bangalore	
	Email: raghuharihar@gov.in, raghuharihar@yahoo.co.in	
14.	Dr. R. B. Lal	Member
	Scientist 'F'/ Director	Secretary
	Ministry of Environment, Forest and Climate Change	
	Indira Paryavaran Bhawan,	
	Room No. V-304, Vayu Wing,	
	Jor Bag Road, New Delhi-110003	
	Telefax: 011-20819346	
	E-mail: <u>rb.lal@nic.in</u>	

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### Annexure-VI

### Quick User Manual to use Desktop Videoconference

NIC, 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 **NIC**, **email-support-ipb@nic.in**).

- PP/Consultant who want to make presentation during EAC, they have to download/install VidyoApp 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 asked you to join the conference. It may asked installed Mobile App (VidyoMobile). Installed the VidyoMobile 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 2 Mbps from any service provider (Broadband/4G etc)
- A Desktop/Laptop working in windows (Recommended).
- Wired Earphone/Headphones with Microphone (Strongly recommended) or External USB camera & Speaker cum microphone.

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