



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

To,

The Director
VEDANTA LIMITED VALUE ADDITION BUSINESS
Village Navelim,
Taluka Bicholim,
District North Goa
Goa
PIN 403505,,North Goa,Goa-403505

Subject: Grant of Environmental Clearance (EC) to the proposed Project Activity under the provision of EIA Notification 2006-regarding

Sir/Madam,

This is in reference to your application for Environmental Clearance (EC) in respect of project submitted to the Ministry vide proposal number IA/GA/IND/236713/2018 dated 08 Dec 2021. The particulars of the environmental clearance granted to the project are as below.

- | | |
|--|--|
| 1. EC Identification No. | EC22A008GA145461 |
| 2. File No. | IA-J-11011/946/2007-IA.II(I) |
| 3. Project Type | Expansion |
| 4. Category | A |
| 5. Project/Activity including Schedule No. | 3(a) Metallurgical industries (ferrous & non ferrous) |
| 6. Name of Project | Up-Gradation of Blast Furnaces (BF) to Enhance the Production Capacity of BF-1 & 2 from 2,92,000 TPA to 3,50,000 TPA, BF-3 from 5,40,000 TPA to 6,50,000 TPA, Setting up of Additional Oxygen Plant, Ins |
| 7. Name of Company/Organization | VEDANTA LIMITED VALUE ADDITION BUSINESS |
| 8. Location of Project | Goa |
| 9. TOR Date | 06 Mar 2019 |

The project details along with terms and conditions are appended herewith from page no 2 onwards.

Date: 24/01/2022

(e-signed)
Sundar Ramanathan
Scientist E
IA - (Industrial Projects - 1 sector)

Note: A valid environmental clearance shall be one that has EC identification number & E-Sign generated from PARIVESH. Please quote identification number in all future correspondence.

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PARIVESH

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and Virtuous Environment Single-Window Hub)*



This refers to your proposal no. **IA/GA/IND/236713/2018** dated **08/12/2021** submitted through Parivesh Portal for grant of **Environment Clearance (EC) under EIA Notification, 2006** for the project mentioned above.

2. As per the provisions of the Environment Impact Assessment (EIA) Notification, 2006, the above-mentioned project/activity is listed at schedule no. 3(a) Metallurgical industries (ferrous & nonferrous), 1(d) Thermal Power Plants and 4(b) Coke Oven Plants under Category "A" of the schedule of the EIA notification, 2006 and appraised at Central level.
3. Accordingly, the above-mentioned proposal has been considered by the **Re-constituted EAC (Industry-I) in its 50th meeting held on 29th December, 2021**. The minutes of the meeting and all the project documents are available on PARIVESH portal which can be accessed at <https://parivesh.nic.in/>.
4. The details of the proposal are as per the EIA report submitted by the proponent. The salient features of the expansion proposal as presented during the above-mentioned meetings of EAC (Industry 1) are as under: -

S.No.	Particulars	Details																		
a.	Terms of Reference for undertaking EIA study	06/03/2019																		
b.	Period of baseline data collection	01/03/2019 to 31/05/2019 10/12/2020 to 10/03/2021 (additional study)																		
c.	Date of Public Consultation	14/03/2021 (Navelim Village) & 21/03/2021 (Amona Village)																		
d.	Action plan to address the PH issues	In addition to EMP budget, an amount of Rs. 880 Lakhs have been earmarked to address the issues raised during public consultation.																		
e.	Location of the project	Villages Amona and Navelim, Bicholim Taluka, North Goa District, Goa																		
f.	Latitude and Longitude of the project site	<table border="1"> <thead> <tr> <th></th><th>Latitude</th><th>Longitude</th></tr> </thead> <tbody> <tr> <td>A</td><td>15°31'44.35"N</td><td>73°58' 58.76"E</td></tr> <tr> <td>B</td><td>15°31'21.14"N</td><td>73°59' 7.70"E</td></tr> <tr> <td>C</td><td>15°30'25.08"N</td><td>74° 0' 26.74"E</td></tr> <tr> <td>D</td><td>15°31'5.72" N</td><td>74° 0'27.21"E</td></tr> <tr> <td>E</td><td>15°31' 37.16"N</td><td>73°59' 55.24" E</td></tr> </tbody> </table>		Latitude	Longitude	A	15°31'44.35"N	73°58' 58.76"E	B	15°31'21.14"N	73°59' 7.70"E	C	15°30'25.08"N	74° 0' 26.74"E	D	15°31'5.72" N	74° 0'27.21"E	E	15°31' 37.16"N	73°59' 55.24" E
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g.	Total land	161 ha [Private:161 ha]																		
h.	Land acquisition details as per MoEF&CC O.M. dated 7/10/2014	The existing units are installed in 161 ha. of land which is owned by M/s. Vedanta Limited. The expansion project is proposed in existing project area of 161 ha. No additional land is required for the proposed expansion																		
i.	Existence of habitation & involvement of R&R, if any	No R&R is involved																		
j.	Elevation of the project site	10-55 m AMSL																		
k.	Involvement of Forest land if any.	No Forest Land is involved																		

S.No.	Particulars	Details																					
l.	Water body exists within the project site as well as study area	<p>Project Site: No water bodies within the project site.</p> <p>Study area</p> <table border="1"> <thead> <tr> <th>Water Body</th><th>Distance</th><th>Direction</th></tr> </thead> <tbody> <tr> <td>Mandovi river</td><td>Adjacent to project boundary</td><td>SSW</td></tr> <tr> <td>Kudne river</td><td>1.0</td><td>North</td></tr> <tr> <td>Valvot river</td><td>3.5</td><td>North</td></tr> <tr> <td>KumbharjuaNadi</td><td>4.2</td><td>WSW</td></tr> <tr> <td>Karmali lake</td><td>6.0</td><td>SW</td></tr> <tr> <td>Arabian sea</td><td>15.0</td><td>WSW</td></tr> </tbody> </table> <p>Wetlands</p> <ul style="list-style-type: none"> • Wet land nearby Amona (0.3 km, N) • Wet land nearby Navelim (0.6 km, N) • Wet land nearby Candola (1.45 km, W) • Wet land nearby Candola (1.6 km, W) • Wetland nearby Karapur (2.4 km, N) • Wetland nearby Karapur (3.8 km, N) • Wet land near Carambolim (7.0 km, SW) • Chorao Island (12.4 km, W) <p><i>[HFL data of Mandovi River is 7.66 m above mean sea level. The elevations in the project site range from 15.0 to 50.0 m AMSL. Hence, any inundation or flooding due to peak flow events in Mandovi river is not envisaged.]</i></p>	Water Body	Distance	Direction	Mandovi river	Adjacent to project boundary	SSW	Kudne river	1.0	North	Valvot river	3.5	North	KumbharjuaNadi	4.2	WSW	Karmali lake	6.0	SW	Arabian sea	15.0	WSW
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m.	Existence of ESZ / ESA / national park / wildlife Sanctuary / biosphere Reserve / tiger reserve / elephant reserve etc. if any within the study area	<p>Ecologically Sensitive Zone (ESZ) for all the Wildlife Sanctuaries (WLS) in Goa are notified and maximum distance is of 1 km from the boundary of WLS. Project site is reported to be located outside the notified ESZ boundary.</p> <p>The WLS in study area are listed below:</p> <ul style="list-style-type: none"> • Mhadei WLS (9.8 km, NE) • Bondla WLS (10.5 km, SE) • Dr. Salim Ali Bird Sanctuary (12.4 km, W) <p>Following Reserve forests are located within study area:</p> <p>Reserve forest: (5.9 km, ESE)</p> <p>Reserve forest: (6.6 km, E)</p> <p>Reserve forest: (9.5 km, NE)</p> <p><i>[ESZ Notification was issued on 25/02/2015. Ecologically Sensitive Zone (ESZ) for all the Wildlife Sanctuaries (WLS) in Goa are notified and maximum distance is of 1 km from the boundary of WLS. Office of the Dy. Conservator of Forests has authenticated the</i></p>																					

S.No.	Particulars	Details		
		<i>distance of Wild Life Sanctuaries from boundary of Vedanta Plant vide letter dated 04/06/2021. Project site is reported to be located outside the notified ESZ boundary.]</i>		
n.	Archaeological sites/historical monuments within the study area.	Site name	Distance	Direction
		Namuzgah/ Idgah Mosque	7.1 km	NW
		Fort at Sanquelim	4.4 km	N
		Temple of Saptakoteshwar	5.9 km	WNW
		Site of Gujir	2.2 km	N
		Site of Fortress at St. Estevam	3.2 km	WNW
		Fort at Naroa	6.0 km	W
		Church of St. Peter	7.9 km	W
		Chapel of our Lady of the Monte	6.9 km	W
		Old Goa Church	8.0 km	W
		Chapel of St. Xavier	7.5 km	W
		Ruins of Collage of St. Populo	8.8 km	W
		Convent of St. Monika & Chapel	8.6 km	W
		Pandavas Caves at Naroa	5.8 km	WNW
		The Mosque & Tank at Tar Surla	1.5 km	SE
		Caves at Mangueshi	8.2 km	SW
		Site of Ruins of Manguesh temple	8.3 km	SW
		Ruins of Brahmapuri	7.0 km	W
		Caves of Siddhanath at tar surla	1.9 km	SE
		Haravalem Caves	3.8 km	NNE
		<i>[NOC from Archaeological Survey of India is under process.]</i>		
o.	Project cost	INR 701 Crores		
p.	EMP cost	Capital Cost: INR 90.68 Crores Recurring Cost: INR 4.0 Crores		
q.	Employment opportunity	450		
r.	Water and Power requirement	Water – 12,744 KLD [Existing: 10,344 KLD, Proposed Expansion: 2,400 KLD] Power – 55.5 MW [Existing: 27 MW, Proposed Expansion: 28.5 MW]		


Unit configuration and capacity:

S No	Name	Existing Units		Proposed Units /Change		Total (Existing +Proposed)	
		Configuration	Production Capacity	Configuration	Production Capacity	Configuration	Production Capacity
1	Blast furnaces 1 & 2	173 m ³ x 2 Nos	2,92,000 TPA	No Change	58,000 TPA (Increase by process improvement)	173 m ³ x 2 Nos	3,50,000 TPA
2	Blast furnace-3	450 m ³ x 1 No	5,40,000 TPA	No Change	1,10,000 TPA (with technology up gradation & process improvement)	450 m ³ x 1 No	6,50,000 TPA
3	Met coke production	Battery 1: 84 Ovens(non-recovery) Battery 2: 72 Ovens (Non-recovery)	Battery 1: 3,22,000 TPA (prior to EC Notification so CTO capacity mentioned) Battery 2: 3,00,000 TPA (Phase 1 of EC capacity 6,00,000 TPA)	Battery 1: Additional 4 Ovens (non-recovery type) Battery 2: No Change	0 (4 ovens will be added to achieve the existing production) 0	Battery 1: 88 Ovens (non-recovery type) Battery 2: 72 Ovens (Non-recovery type)	6,22,000 TPA
4	Fe-Si plant	Nil	Nil	7.5 MVA	5,000 TPA	7.5 MVA	5,000 TPA
5	Proposed ductile iron pipe plant	Nil	Nil	Nil	3,00,000 TPA	Nil	3,00,000 TPA
6	Waste heat recovery power plant	1 x 33 MW & 1 x 35 MW	595 Million Units	Nil	Nil	1 x 33 MW & 1 x 35 MW	595 Million Units
7	Sinter plant	1 x 75 m ²	10,00,000 TPA	Nil	Nil	1X75 m ²	10,00,000 TPA
8	Oxygen & nitrogen plant	1x100 TPD Oxygen & 1x50 TPD Nitrogen (Cryogenic plant)	1x100 TPD Oxygen & 1x50 TPD Nitrogen	1x150 TPD Oxygen	1x150 TPD Oxygen	1x150 TPD + 1x100 TPD Oxygen & 1x50 TPD Nitrogen	250 TPD Oxygen & 50 TPD Nitrogen

5. The Re-constituted EAC (Industry-I) in 50th meeting held on 29th December, 2021, based on information & clarifications provided by the project proponent and after detailed deliberations recommended the instant expansion proposal for grant of Environment Clearance under the provisions of EIA Notification, 2006 subject to stipulation of specific and general conditions as detailed in the paragraph given below.
6. The MoEF&CC has examined the proposal in accordance with the Environment Impact Assessment (EIA) Notification, 2006 & further amendments thereto and after accepting the

recommendations of the Expert Appraisal Committee (Industry-1) hereby decided to grant Environment Clearance for instant expansion proposal of **M/s. Vedanta Limited** under the provisions of EIA Notification, 2006 in supersession of existing ECs subject to the following specific conditions and general conditions.

A. Specific conditions

- 
- i. The project proponent shall abide by all orders and judicial pronouncements, made from time to time in case no. 47 of 2013 before the Hon'ble National Green Tribunal, Case No. 881/2017 in Hon'ble High Court of Goa; Case No. 24/2015 before the Hon'ble District Court, Mapusa.
 - ii. Green Belt shall be developed in 54 hectares of land (33.5 % of total land) with tree density of 2500 trees per ha by 31/12/2022 all along the periphery of the project site. This shall include, gap filling which shall be done in existing green belt developed area wherever tree density is less than 2500 trees per ha. This shall include green belt development within the site with a width of 25 meters towards the Amona village and Navelim village located a distance of 0.32 km and 0.05km from the project site respectively.
 - iii. The recommendations of the approved Site-Specific Conservation Plan / Wildlife Management Plan shall be implemented in consultation with the State Forest Department. The implementation report shall be furnished along with the six-monthly compliance report to the concerned Regional Office of the MoEF&CC.
 - iv. The project proponent shall comply with the following points by on (or) before 31/05/2022 as committed below by the proponent, failing which, GSPCB shall initiate legal action against the proponent under the relevant provision of the Environment (Protection) Act, 1986. Further, compliance status in this regard shall be submitted to the concerned Regional Office of the MoEF&CC along with the six-monthly compliance report.
 - a. 6.38 km internal plant road shall be black topped or concreted by April 2022.
 - b. All the stored slag shall be disposed of by May, 2022 and the covered storage shed for slag shall be put in place by 31st May, 2022.
 - c. There are 18 sites of archaeological importance in the study area. Requisite NOC from the concerned competent authority shall be obtained by the proponent and submitted to the Ministry on (or) before 31/05/2022.
 - d. Wind Shield for control of graphite particle emissions shall be provided by March 2022.
 - v. Ductile Iron (DI) plant shall have the following provisions:
 - a. Wet scrubbers for Volatile Organic Compounds in annealing furnace.
 - b. Bag filter for Zn coating and Mg converter area.
 - c. Wet scrubbers in paint and bitumen coating area.
 - d. Bag Filter in Cement lining area.
 - e. PTFE dipped bags shall be used in the plant.
 - f. PM emissions from BF in Zinc coating area shall be 5 mg/Nm³.
 - g. ETP with recycling facility shall be included. All scrubber effluent shall be treated in ETP.
 - vi. Parking area for trucks/dumpers shall be provided within the plant. No truck/dumper shall be parked outside the plant premises.

- vii. Project proponent shall conserve wetlands located in the vicinity of the project site (Amona – 0.3km in Northern direction and Navelim – 0.6 km in Northern direction) by developing green belt development all along the boundary of the wet land.
- viii. Solid waste utilization
- Maximum 90 days of slag storage area shall be permitted inside the plant.
 - PP shall recycle/reuse 100 % solid waste generated in the plant.
 - Used refractories shall be recycled as far as possible.
- ix. Sinter Plant shall be equipped with sinter cooler waste recovery system to generate process steam or power.
- x. BF shall be equipped with Top Recovery Turbine, dry gas cleaning plant, stove waste heat recovery, cast house and stock house ventilation system and slag granulation facility.
- xi. Performance test shall be conducted on all pollution control systems every year and report shall be submitted to Regional Office of the MoEF&CC.
- xii. Submerged Arc Furnace shall be of closed type with 4th hole extraction system.
- xiii. Particulate matter emissions from stacks shall be less than 30 mg/Nm³. Necessary retrofitting work shall be carried out in Air Pollution Control Devices (APCDs) of old plant to reduce PM emissions to less than 30 mg/Nm³ within two years from the date of EC.
- xiv. AAQ at Mosque and Siddhartha Caves archeological sites shall be monitored as per the CPCB norms. 02 manual ambient air quality monitoring stations within the plant shall be replaced with one CAAQMS in addition to the 03 CAAQMS presently installed. Manual monitoring as done presently shall be continued and Benzo Amino Pyrene (BaP) shall be monitored manually as per CPCB norms. Besides, one manual air quality monitoring station shall be established towards Amona and Navelim villages and ambient air quality monitored as per CPCB norms.
- xv. Water requirement for the plant shall be met from Mandovi River and Valvonti river. Ground water abstraction is not permitted.
- xvi. All internal and connecting road to the Highway shall be black topped/ concreted with suitable load in term of Million Standard Axle (MSA) as per IRC guidelines.
- xvii. Water being used for cooling purposes in Waste Heat Recovery Power Plant (WHRPP) is the saline water drawn from Mandovi river (backwater). The blow down of cooling towers shall be discharged back to the saline backwaters as per the approval of the GSPCB. Project proponent shall periodically monitor the riverine water quality and report shall be submitted along with the six-monthly compliance report to the concerned Regional Office of the MoEF&CC.
- xviii. Secondary emission generated during charging, tapping of metal, slag tapping may be controlled by providing canopy hoods at proper elevation connected to air pollution control device without interfering with the production process.
- xix. Additional Filter beds, arrester wall shall be provided along the storm water drainage for settlement of suspended particles and to prevent siltation.
- xx. The recommendations contained in the storm water management plan shall be strictly adhered with. The implementation report shall be furnished along with the six-monthly compliance report to the concerned Regional Office of the MoEF&CC.


B. General conditions

I. Statutory compliance:

- i. The Environment Clearance (EC) granted to the project/ activity is strictly under the provisions of the EIA Notification, 2006 and its amendments issued from time to time.

It does not tantamount/ construe to approvals/ consent/ permissions etc., required to be obtained or standards/conditions to be followed under any other Acts/Rules/Subordinate legislations, etc., as may be applicable to the project.

II. Air quality monitoring and preservation

- 
- i. The project proponent shall install 24x7 continuous emission monitoring system at process stacks to monitor stack emission with respect to standards prescribed in Environment (Protection) Rules 1986 as amended from time to time. The CEMS shall be connected to SPCB and CPCB online servers and calibrate these systems from time to time according to equipment supplier specification through labs recognized under Environment (Protection) Act, 1986 or NABL accredited laboratories.
 - ii. The project proponent shall monitor fugitive emissions in the plant premises at least once in every quarter through laboratories recognized under Environment (Protection) Act, 1986 or NABL accredited laboratories.
 - iii. Sampling facility at process stacks and at quenching towers shall be provided as per CPCB guidelines for manual monitoring of emissions.
 - iv. Appropriate Air Pollution Control (APC) system shall be provided for all the dust generating points including fugitive dust from all vulnerable sources, so as to comply prescribed stack emission and fugitive emission standards.
 - v. The project proponent shall provide leakage detection and mechanized bag cleaning facilities for better maintenance of bags.
 - vi. Sufficient number of mobile or stationery vacuum cleaners shall be provided to clean plant roads, shop floors, roofs, regularly.
 - vii. Recycle and reuse iron ore fines, coal and coke fines, lime fines and such other fines collected in the pollution control devices and vacuum cleaning devices in the process after briquetting/ agglomeration.
 - viii. The project proponent use leak proof trucks/dumpers carrying coal and other raw materials and cover them with tarpaulin.
 - ix. Facilities for spillage collection shall be provided for coal and coke on wharf of coke oven batteries (Chain conveyors, land based industrial vacuum cleaning facility).
 - x. Land-based APC system shall be installed to control coke pushing emissions.
 - xi. Monitor CO, HC and O2 in flue gases of the coke oven battery to detect combustion efficiency and cross leakages in the combustion chamber.
 - xii. Wind shelter fence and chemical spraying shall be provided on the raw material stock piles.
 - xiii. Design the ventilation system for adequate air changes as per prevailing norms for all tunnels, motor houses, Oil Cellars.

III. Water quality monitoring and preservation

- i. The project proponent shall install 24x7 continuous effluent monitoring system with respect to standards prescribed in Environment (Protection) Rules 1986 vide G.S.R 277 (E) dated 31st March 2012 (Integrated iron & Steel); G.S.R 414 (E) dated 30th May 2008 (Sponge Iron) as amended from time to time; S.O. 3305 (E) dated 7th December 2015 (Thermal Power Plants) as amended from time to time and connected to SPCB and CPCB online servers and calibrate these system from time to time according to equipment supplier specification through labs recognized under Environment (Protection) Act, 1986 or NABL accredited laboratories.
- ii. The project proponent shall monitor regularly ground water quality at least twice a year (pre- and post-monsoon) at sufficient numbers of piezometers/sampling wells in the

plant and adjacent areas through labs recognized under Environment (Protection) Act, 1986 and NABL accredited laboratories.

- iii. The project proponent shall provide the ETP for coke oven to meet the standards prescribed in G.S.R 277 (E) dated 31st March 2012 (Integrated iron & Steel); G.S.R 414 (E) dated 30th May 2008 (Sponge Iron) as amended from time to time; S.O. 3305 (E) dated 7th December 2015 (Thermal Power Plants) as amended from time to time as amended from time to time;
- iv. Sewage Treatment Plant shall be provided for treatment of domestic wastewater to meet the prescribed standards.
- v. Garland drains and collection pits shall be provided for each stock pile to arrest the run-off in the event of heavy rains and to check the water pollution due to surface run off.
- vi. Tyre washing facilities shall be provided at the entrance of the plant gates.
- vii. Water meters shall be provided at the inlet to all unit processes in the steel plants.

IV. Noise monitoring and prevention

- i. Noise pollution shall be monitored as per the prescribed Noise Pollution (Regulation and Control) Rules, 2000 and report in this regard shall be submitted to Regional Officer of the Ministry as a part of six-monthly compliance report.

V. Energy Conservation measures

- i. Use torpedo ladle for hot metal transfer as far as possible. If ladles not used, provide covers for open top ladles.
- ii. Restrict Gas flaring to < 1%.
- iii. Provide solar power generation on roof tops of buildings, for solar light system for all common areas, street lights, parking around project area and maintain the same regularly;
- iv. Provide LED lights in their offices and residential areas.
- v. Ensure installation of regenerative/recuperative type burners on all reheating furnaces.

VI. Waste management

- i. Oil Collection pits shall be provided in oil cellars to collect and reuse/recycle spilled oil. Oil collection trays shall be provided under coils on saddles in cold rolled coil storage area.
- ii. Kitchen waste shall be composted or converted to biogas for further use.

VII. Green Belt

- i. The project proponent shall prepare GHG emissions inventory for the plant and shall submit the programme for reduction of the same including carbon sequestration by trees.

VIII. Public hearing and Human health issues

- i. Emergency preparedness plan based on the Hazard identification and Risk Assessment (HIRA) and Disaster Management Plan shall be implemented.
- ii. The project proponent shall carry out heat stress analysis for the workmen who work in high temperature work zone and provide Personal Protection Equipment (PPE) as per the norms.
- iii. Occupational health surveillance of the workers shall be done on a regular basis and records maintained.

IX. Environment Management

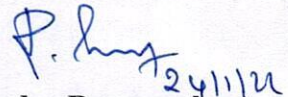
- i. The project proponent shall comply with the provisions contained in this Ministry's OM vide F.No. 22-65/2017-IA.III dated 30/09/2020.
- ii. The company shall have a well laid down environmental policy duly approved by the Board of Directors. The environmental policy should prescribe for standard operating procedures to have proper checks and balances and to bring into focus any infringements/deviation/violation of the environmental / forest / wildlife norms / conditions. The company shall have defined system of reporting infringements / deviation / violation of the environmental / forest / wildlife norms / conditions and / or shareholders / stake holders. The copy of the board resolution in this regard shall be submitted to the MoEF&CC as a part of six-monthly report.
- iii. A separate Environmental Cell both at the project and company head quarter level, with qualified personnel shall be set up under the control of senior Executive, who will directly report to the head of the organization.

X. Miscellaneous

- i. The project proponent shall make public the environmental clearance granted for their project along with the environmental conditions and safeguards at their cost by prominently advertising it at least in two local newspapers of the District or State, of which one shall be in the vernacular language within seven days and in addition this shall also be displayed in the project proponent's website permanently.
- ii. The copies of the environmental clearance shall be submitted by the project proponents to the Heads of local bodies, Panchayats and Municipal Bodies in addition to the relevant offices of the Government who in turn has to display the same for 30 days from the date of receipt.
- iii. The project proponent shall upload the status of compliance of the stipulated environment clearance conditions, including results of monitored data on their website and update the same on half-yearly basis.
- iv. The project proponent shall monitor the criteria pollutants level namely; PM10, SO2, NOx (ambient levels as well as stack emissions) or critical sectoral parameters, indicated for the projects and display the same at a convenient location for disclosure to the public and put on the website of the company.
- v. The project proponent shall submit six-monthly reports on the status of the compliance of the stipulated environmental conditions on the website of the ministry of Environment, Forest and Climate Change at environment clearance portal.
- vi. The project proponent shall submit the environmental statement for each financial year in Form-V to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently and put on the website of the company.
- vii. The project proponent shall inform the Regional Office as well as the Ministry, the date of financial closure and final approval of the project by the concerned authorities, commencing the land development work and start of production operation by the project.
- viii. The project proponent shall abide by all the commitments and recommendations made in the EIA/EMP report, commitment made during Public Hearing and also that during their presentation to the Expert Appraisal Committee.
- ix. No further expansion or modifications in the plant shall be carried out without prior approval of the Ministry of Environment, Forests and Climate Change (MoEF&CC).
- x. Concealing factual data or submission of false/fabricated data may result in revocation

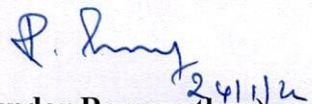
of this environmental clearance and attract action under the provisions of Environment (Protection) Act, 1986.

- xi. The Ministry may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.
 - xii. The Ministry reserves the right to stipulate additional conditions if found necessary. The Company in a time bound manner shall implement these conditions.
 - xiii. The Regional Office of this Ministry shall monitor compliance of the stipulated conditions. The project authorities should extend full cooperation to the officer (s) of the Regional Office by furnishing the requisite data / information/monitoring reports.
 - xiv. Any appeal against this EC shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.
7. This issues with the approval of the Competent Authority.


(Sundar Ramanathan)
Scientist 'E'

Copy to:-

1. Secretary, Department of Environment, Government of Goa, Secretariat Panaji.
2. Regional Officer, Ministry of Environment, Forest and Climate Change, Integrated Regional Office, Kendriya Sadan, 4th Floor, E&F Wings, 17th Main Road, Koramangala II Block, Bangalore – 560034
3. Chairman, Central Pollution Control Board, Parivesh Bhawan, CBD-Cum-Office Complex, East Arjun Nagar, New Delhi-110 032.
4. Chairman, Goa State Pollution Control Board, Dempo Tower, EDC Plaza, 1st Floor, Panaji, Goa – 403 001.
5. Member Secretary, Central Ground Water Authority, A-2, W3, Curzon Road Barracks, K.G. Marg, New Delhi-110001.
6. District Collector, North Goa District, Goa.
7. Guard File/Record File/Monitoring File.
8. MoEF&CC Website


(Sundar Ramanathan)
Scientist 'E'