



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

To,

The Executive Director Project
M/S. AMNS INDIA LIMITED

survey
no.353,354,179/P,262P,263P,310P,550P,561P,568P,569P,602P,village.h
azira,taluka.choryasi,district.surat,,Surat,Gujarat-394270

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/GJ/IND/28742/2014 dated 05 Feb 2022. The particulars of the environmental clearance granted to the project are as below.

- | | |
|--|---|
| 1. EC Identification No. | EC22A008GJ153411 |
| 2. File No. | J-11011/44/2004-IA II(I) |
| 3. Project Type | Modernization |
| 4. Category | A |
| 5. Project/Activity including Schedule No. | 3(a) Metallurgical industries (ferrous & non ferrous) |
| 6. Name of Project | Replacement of DRI by Blast Furnace (Hot Metal) and Electric Arc Furnace by Basic Oxygen Furnace (EA) |
| 7. Name of Company/Organization | M/S. AMNS INDIA LIMITED |
| 8. Location of Project | Gujarat |
| 9. TOR Date | 08 Feb 2021 |

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

Date: 02/03/2022

(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.

This is a computer generated cover page.



This refers to your proposal no. **IA/GJ/IND/28742/2014** dated **05/02/2022** submitted through Parivesh Portal seeking 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 & non-ferrous) 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 **53rd meeting held on 10-11th February, 2022**. 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 meeting of EAC (Industry 1) are as under: -

S.No.	Particulars	Details																											
a.	Terms of Reference for undertaking EIA study	08/02/2021																											
b.	Period of baseline data collection	Baseline monitoring data for the period from 1 st October 2020 to 31 st December 2020 and 23 rd November 2021 to 25 th December 2021 (AAQ).																											
c.	Date of Public Consultation	21/09/2021.																											
d.	Action plan to address the PH issues	In addition to EMP budget, an amount of Rs. 21 Crores (Capital) and Rs. 3 Crores (Recurring) have been earmarked to address the issues raised during public hearing. PH Action plan is enclosed as Annexure-I																											
e.	Location of the project	Hazira Notified Industrial Area at Village Hazira, Taluka Choryasi, District Surat, Gujarat.																											
f.	Latitude and Longitude of the project site	<table border="1"> <thead> <tr> <th>Point</th> <th>Latitude</th> <th>Longitude</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>21° 5'48.99"N</td> <td>72°39'24.95"E</td> </tr> <tr> <td>B</td> <td>21° 6'10.39"N</td> <td>72°37'40.26"E</td> </tr> <tr> <td>C</td> <td>21° 7'9.01"N</td> <td>72°37'50.26"E</td> </tr> <tr> <td>D</td> <td>21° 7'33.55"N</td> <td>72°38'41.73"E</td> </tr> <tr> <td>E</td> <td>21° 8'7.52"N</td> <td>72°39'17.79"E</td> </tr> <tr> <td>F</td> <td>21° 7'2.17"N</td> <td>72°39'18.42"E</td> </tr> <tr> <td>G</td> <td>21° 6'33.77"N</td> <td>72°39'11.85"E</td> </tr> <tr> <td>H</td> <td>21° 6'33.35"N</td> <td>72°39'35.31"E</td> </tr> </tbody> </table>	Point	Latitude	Longitude	A	21° 5'48.99"N	72°39'24.95"E	B	21° 6'10.39"N	72°37'40.26"E	C	21° 7'9.01"N	72°37'50.26"E	D	21° 7'33.55"N	72°38'41.73"E	E	21° 8'7.52"N	72°39'17.79"E	F	21° 7'2.17"N	72°39'18.42"E	G	21° 6'33.77"N	72°39'11.85"E	H	21° 6'33.35"N	72°39'35.31"E
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g.	Total land	770 ha [Private Land]																											
h.	Land acquisition details as per MoEF&CC O.M. dated 7/10/2014	The modification is proposed in existing project area of 770 ha. Total land is under the possession of the company. No additional land is required for proposed expansion.																											
i.	Existence of habitation & involvement of R&R, if any	No R&R is involved.																											

S.No.	Particulars	Details																					
j.	Elevation of the project site	6 m maximum above mean sea level																					
k.	Involvement of Forest land if any.	Nil																					
l.	Water body exists within the project site as well as study area	<p>Project site: Nil</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>Tapi Estuary</td> <td>0.5 km</td> <td>East</td> </tr> <tr> <td>Arabian sea</td> <td>2 km</td> <td>South</td> </tr> <tr> <td>Hazira pond</td> <td>2.2 km</td> <td>South</td> </tr> <tr> <td>Suvali pond</td> <td>3.3 km</td> <td>NNW</td> </tr> <tr> <td>Mora pond</td> <td>2.7 km</td> <td>North</td> </tr> <tr> <td>Junagam Pond</td> <td>1.4 km</td> <td>West</td> </tr> </tbody> </table>	Water body	Distance	Direction	Tapi Estuary	0.5 km	East	Arabian sea	2 km	South	Hazira pond	2.2 km	South	Suvali pond	3.3 km	NNW	Mora pond	2.7 km	North	Junagam Pond	1.4 km	West
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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>Nil</p> <p>List of Reserved and protected forests:</p> <ul style="list-style-type: none"> ▪ Hazira Reserve Forest 1.72 SSW ▪ Open Forest near Dumas Village 5.42 SE ▪ Open Forest near Vasava Village 6.40 NNW 																					
n.	Existence of sand dunes, mangroves mud flats	<p>The project premises were identified with the help of GPS data derived from satellite image and No Mangrove species were found to be present within the project premises.</p> <p>The presence of mangrove species has been observed in areas outside the AMNS premises, within the study area and far away from project site. The species <u>Avicennia marina</u> is found to be dominant in these areas</p>																					
o.	Project cost	Existing Investment – INR 35000 Crores Proposed Investment - INR 6413.13 Crores																					
p.	EMP cost	The capital cost for environmental protection measures is proposed as Rs 1687.26 Crores. The annual recurring cost towards the environmental protection measures is proposed as Rs 378.28 Crores.																					
q.	Employment opportunity	1770 Nos.																					
r.	Water and Power requirement	Water: Existing - 145,839.00 m ³ /day, Proposed - 7,489 m ³ /day Power – Existing – 1038 MW, Proposed – 125 MW																					

Unit configuration and capacity:

Sr. No	Plant / Facility	As per EC dated 09.03.2016 (A)		Proposed Modification (B)		Final after Modification (A+B)		Remarks
		Config.	Capacity	Config.	Capacity	Config.	Capacity	
1	HBI Plant (DRI Mod I to VI)	Mod I-IV: 4.0	7.83	-	-	Mod I-IV: 4.0	7.83	*Earlier planning was to remove HBI Modules (1 to

Sr. No	Plant / Facility	As per EC dated 09.03.2016 (A)		Proposed Modification (B)		Final after Modification (A+B)		Remarks
		Config.	Capacity	Config.	Capacity	Config.	Capacity	
	(in MTPA)	Mod:V - 1.98 Mod VI: 1.85	(- 4.0* =3.83)			Mod:V - 1.98 Mod VI: 1.85		4) totalling 4 MTPA and replace it with Blast Furnace of 3.0 MTPA. This could not be implemented due to fund constraints and legal cases at the NCLT. *Original capacity prior to EC 2016 was 7.83 MTPA only. It is now proposed to maintain this original capacity. CTO has been sanctioned for 7.83 MTPA.
2	Blast Furnace (BF) (in MTPA)	1 x 2.04 (2200 m3) 1 x 3.0	5.04	-	-	1 x 2.04	2.04	1 x 3.0 MTPA couldn't be implemented due to fund constraints and legal cases at the NCLT, now dropped.
3	Sinter Plant	1x 1.48 (1 x 120 m2) 2 x 3.5 (~ 325 m2 each)	8.48	-	-	1x 1.48 (1 x 120 m2)	1.48	7.0 MTPA plant could not be implemented due to fund constraints and legal cases at the NCLT. Now, will establish the 7.0 MTPA Plant through Upstream Expansion from 9.6 to 15.6 MTPA - approved vide 2016 EC. (It will comprise of 02 number plants).
4	Coke Oven (Recovery Type)	1 x 1.20 1 x 1.35	2.55	-	-	1 x 1.35	1.35	Under implementation 1.2 MTPA plant could not be implemented due to fund constraints and legal cases at the NCLT. 2016 EC approved for 2.55 MTPA, AMNSI is proceeding only with 1.35 MTPA since 1.2 MTPA originally secured in 2010 EC has now lapsed.
5	Air Separation Plant (Nm3/Hr)	1 X 343 TPD 1 X 257 TPD 1 X 785 TPD 3 X 1714 TPD 1 X 700 TPD (Only oxygen) 1 X 2200 TPD	424,744	-	-	1 X 343 TPD 1 X 257 TPD 1 X 785 TPD 3 X 1714 TPD 1 X 700 TPD 1 X 2200 TPD (Only oxygen)	424,744	64200 Nm ³ /hr plant will be established as per 2016 EC

Sr. No	Plant / Facility	As per EC dated 09.03.2016 (A)		Proposed Modification (B)		Final after Modification (A+B)		Remarks
		Config.	Capacity	Config.	Capacity	Config.	Capacity	
6	SMS-1 (EAF 4 Nos.)	4 x 150 MT Heat size	4.6*	-	-	4 x 150 MT Heat size	4.6	*Earlier planning was to remove 4.6 MTPA EAF -4 nos. and replacing with BOF-3 nos. in its place but that could not be implemented due to fund constraints and legal cases at the NCLT. Original capacity prior to EC 2016 was 4.6 MTPA only and it is now submitted to retain this original capacity. CTO has been sanctioned for 4.6 MTPA.
7	SMS-2	4 x 200 MT Heat size	5.0	-	-	4 x 200 MT Heat size	5.0	
8	Corex Plant	2 x 0.85	1.7	-	-	2 x 0.85	1.7	
9	Lime Plant (Lime/Dolime)	1 x 0.45 (4 x 300 TPD) 1 x 0.48 (3 x 500 TPD)	0.93	1 x 0.27* (1 x 200 + 1x 500 TPD)	0.27	1 x 0.45 1 x 0.48 1 x 0.27*	1.2	
10	Plate Mill	1 x 1.5	1.5	-	-	1 x 1.5	1.5	
11	CSP and HRC	1 x 3.5	3.5*	-	-	1 x 3.5 1 x 4.5#	8.0	* 3.5 MTPA approved vide 05.07.2010 EC # 4.5 MTPA Approved vide 29-05-2008 EC Total 8.0 implemented, but inadvertently mentioned 3.5 MTPA only in 2016 EC
12	CRM	1 x 1.5	1.5	1 x 2.2 1 x 1.0	3.2	1 x 1.5 1 x 0.54* 1 x 2.2 1 x 1.0	5.24	CTO taken for additional 0.54 MTPA from GPCB.
13	Pipe mill:							
	H Saw Pipes (in MTPA)	1 x 0.15	0.15	-	-	1 x 0.15 1 x 0.15*	0.30	0.15 MTPA as per 2016 EC *CTO taken for additional 0.15 MTPA from GPCB. (0.15+0.15=0.30).
	L Saw Pipes (in MTPA)	1 x 0.33	0.33	-	-	1 x 0.33	0.33	
14	CPP (in MW)	1 X 475 MW 1 X 31 MW 1 X 40 MW 1 X 10 MW 1 X 48 MW	604	-	-	1 X 475 MW 1 X 31 MW 1 X 40 MW 1 X 10 MW 1 X 48 MW	556	

Sr. No	Plant / Facility	As per EC dated 09.03.2016 (A)		Proposed Modification (B)		Final after Modification (A+B)		Remarks
		Config.	Capacity	Config.	Capacity	Config.	Capacity	
15	Waste Heat Recovery based Power Plant (in MW)	1 x 25 MW 1 x 20 MW	45	-	-	1 x 25 MW 1 x 20 MW	45	
16	Jetty (length in m)	456 m+ 734 m	1190 m	-	-	456 m+ 734 m	1190 m	*734 and 456 meters capacity was sanctioned in 2006 EC. This was implemented although inadvertently mentioned 734 m only in 2016 EC and CTO also mentioned the same 734m length.

5. The Re-constituted EAC (Industry-I) in its 53rd meeting held on 10-11th February, 2022 based on information & clarifications provided by the project proponent and after detailed deliberations recommended the instant expansion proposal for grant of Environment Clearance under 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 proposal of **M/s. ArcelorMittal Nippon Steel India Limited (AMNS)** under the provisions of EIA Notification, 2006 subject to the following specific conditions and general conditions.

A. Specific conditions

- i. The additional water requirement for the proposed modernization i.e., 7489 KLD water requirement for modification project shall be drawn from Tapi River.
- ii. Green Belt shall be developed in 222.05 ha with tree density of 2500 trees per ha. (or 1000 trees per acre) all along the periphery of the project site by 31st December, 2022.
- iii. Performance test shall be conducted on all pollution control systems every year and report shall be submitted to Regional Office of the MoEF&CC.
- iv. Sinter cooler heat recovery system for the existing Sinter plant shall be implemented within 3 years from the date of issue of Environment clearance.
- v. Dry Gas cleaning system shall be implemented for the existing Blast furnace within 5 years from the date of issue of Environment clearance.
- vi. The Oil scum and oily waste from CRM shall be sent to registered recyclers for oil recovery and incineration.
- vii. CEMS shall be connected to plant control room for process control to keep emissions under control. Interlocking of CEMS shall be in conformity with CPCB directions
- viii. Hot Rolled Coil (HRC) production shall be done through hot charging minimum 65% and for billets hot charging shall be minimum 85%. Remaining shall be done through reheat furnace operating on natural gas/ Corex gas.
- ix. Acid Recovery Plant (ARP) and acid fume scrubber in stack emission shall be less than 10 mg/Nm³ HCl.
- x. The Oil scum and oily waste from CRM shall be sent to Authorized recycler.
- xi. CDQ shall be installed along with a modified wet quenching tower as a standby.

- xii. In SMS plant fume extraction system for all process equipment like converters, LRF shall be independent. Common Fume Extraction System (FES) shall be provided only for roof top emissions.
- xiii. RO reject from BOD plant of Coke Oven shall not be used for slag quenching. Multi Effect Evaporator (MEE) shall be installed to handle RO reject and the MEE sludge shall be sent to TSDF.
- xiv. PM emission from all stacks (existing and new) shall be less 30 mg/Nm³.
- xv. 100% solid waste generated shall be recycled/reused/sold. No dumping is permitted.
- xvi. A wind barrier of 400 m shall be provided near Sikotar Mata Temple in Hazira Village.
- xvii. Wind barrier at raw material handling yard shall be provided and loading and unloading station shall be closed.
- xviii. Zero Liquid Discharge (ZLD) scheme for the entire complex shall be implemented by March, 2023.
- xix. All plant roads shall be paved and industrial vacuum cleaners shall be provided to clean the roads regularly.
- xx. All stock piles shall be constructed over impervious soil and garland drains/storm water drains with catch pits to trap run off material shall be constructed.
- xxi. PP shall carryout extensive rainwater harvesting and recharge as per the action plan submitted in the EIA report.
- xxii. Sulphur recovery and ammonia cracker shall be installed in Coke Oven Plant.
- xxiii. The recommendations of the approved Site-Specific 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.

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 as well as 06 Nos. Continuous Ambient Air Quality Station (CAAQS) for monitoring AAQ parameters with respect to standards prescribed in Environment (Protection) Rules 1986 as amended from time to time. The CEMS and CAAQMS 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. Vapor absorption system shall be provided in place of vapour compression system for cooling of coke oven gas in case of recovery type coke ovens.
- xiii. Wind shelter fence and chemical spraying shall be provided on the raw material stock piles.
- xiv. 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. Sewage Treatment Plant shall be provided for treatment of domestic wastewater to meet the prescribed standards.
- iv. 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.
- v. Tyre washing facilities shall be provided at the entrance of the plant gates.
- vi. 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.

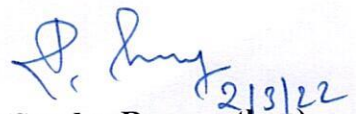
IX. Environment Management

- 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 to the head of the organization.

X. Miscellaneous

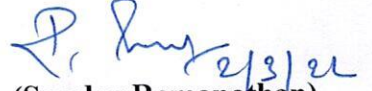
- i. The project proponent shall make public the environmental clearance granted for their project along with the environmental conditions and safeguards at their cost by prominently advertising it at least in two local newspapers of the District or State, of

- 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 Gujarat, Secretariat, Gandhinagar.
2. Regional Officer, Ministry of Environment, Forest and Climate Change, Integrated Regional Office, A Wing, 407 & 409, Aranya Bhawan, Near CH-3 Circle, Sector 10 A, Gandhinagar – 382010.
3. Chairman, Central Pollution Control Board, Parivesh Bhawan, CBD-cum-Office Complex, East Arjun Nagar, Delhi-110032.
4. Member Secretary, Central Ground Water Authority, A-2, W3, Curzon Road Barracks, K.G. Marg, New Delhi-110001.
5. Chairman, Gujarat State Pollution Control Board, Sector 10-A, Gandhi Nagar - 382043, Gujarat.
6. District Collector, Surat District, Gujarat.
7. Guard File/Record File/Monitoring File.
8. MoEF&CC Website.


(Sundar Ramanathan)
Scientist 'E'



Annexure-I

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

Sr. No	Project/ Program	Target / Remarks	Year wise Progress*		
			2022	2023	2024
Medical Facilities					
1	Setting up of the Hospital	It will be taken up through joint efforts from Hazira Notified area Industries and district authorities. Company will contribute Rs. 50,00,000 for the setting up of the hospital.	-	Hazira village/ hazira notified area	-
Education					
1	Providing infrastructure support for schools	Library & sports infrastructure & computer lab & projector with LED	04 villages (Hazira Junagam, Suwali, Rajgari)	02 Villages (Mora, Bhatlai)	02 Villages (Damka Vansva)
		Infrastructure development/ renovation of school buildings/ providing toilets/ Major repairing of school	Junagam School and Halpati Primary School of Hazira Village & Anganwadi School	Hazira Primary School	Bhatlai Village & Damka Village)
		RO plant in school	03 Villages (Hazria, Junagam, Suwali)	03 Villages (Rajgari, Mora, Bhatlai)	02 Villages (Damka & Vansva)
Environment Pollution					
1	Wind Barrier around plant boundary near hazira village	Company will put up a wind barrier of around 400 m along the plant boundary, so that dust particles if any to the temple minimized	400 m long wind barrier (Near Sikotar Mata Temple of Hazira Village)	--	--
2	Development of greenery (Trees plantation) in the complex	Trees plantation in the complex – 3,47,000 Nos	2,50,000 Nos	97,000 Nos	--
3	Development of greenery (Trees plantaion) along Village Roads & National Highway	Trees plantation in the complex – 25,000 Nos	--	Hazria 10,000 Nos	Junagam, Damika, Vansva Village 15,000 Nos
Employment					
1	Skill Development	Company will install and operate various skill development centres (ITI students, Tailoring Institute, Training for self-employment)	Hazira Village	Junagam Village	02 Villages (Damka, Vanva)
Infrastructure Development					

Sr. No	Project/ Program	Target / Remarks	Year wise Progress*		
			2022	2023	2024
1	Infrastructure development in nearby villages	Construction of community centre	--	Hazira Village	Damka Village
2		Installation of drinking water pipe line	Hazira Village	--	--
3		Road development	New Road construction Ganpati Temple to Hazira Village (approx. 6 km)	Junagam internal road development	--
4		Installation of street light/ Solar lights	03 Villages (Hazira, Junagam) and road from Junagam to Suwali Beach Suwali and road from	03 Villages (Rajgari, Mora, Bhatlai)	02 Villages (Damka, Vansva)
5		Providing diesel generator (2 No-125 KVA)	Near Hazira main Water Sump & Matafaliya	Suwali Village	--
6		Mechanized vehicle for garbage lifting and transportation.	Hazira Village	--	--
7		Deepening & cleaning of pond	Damka Villages	Vansva Village	Bhatlai Village
8		Rain water harvesting project for school	03 Villages (Hazira, Junagam, Suwali)	03 Villages (Rajgari, Mora, Bhatlai)	02 Villages (Damka, and Vansva)

* Note - Total financial outlay for addressal of public hearing concerns - INR 21 Crores
