

AMNS / ENV / COMP- MOEF / 11 - 22

28th November, 2022

Deputy Director General of Forests

Ministry of Environment, Forest & Climate Change
Integrated Regional Office,
"Aranya Bhawan" Near CH-3 Circle,
Sector-10A, Gandhinagar – 382010

Sub: ArcelorMittal Nippon Steel India Limited (AMNS), Hazira, Gujarat - Half Yearly Environment Clearance (EC) compliance report for the period Apr'22 - Sep'22.

Ref: 1) EC Vide No. J -11011/44/2014-IA II (I) dated 02.03.2022
2) EC Vide No. J -11011/381/2014-IA II (I) dated 09.03.2016
3) EC Vide No. 11-65/2005-IA-III dated 18.09.2006
4) EC Vide No: 11-1/2012-IA.III dated 11.01.2013, amended on 03.05.2013.

Dear Sir,

This is with reference to the above referred subject, we are submitting the half yearly compliance status report for the following Environmental Clearances for the period of Apr'22 - Sep'22.

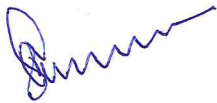
- A. Env. Clearance granted for Modification Project vide EC letter dated : 02.03.2022
- B. Env. Clearance granted for Re-configuration Project vide EC letter dated : 09.03.2016
- C. Env & CRZ Clearance granted for Captive jetty expansion project vide EC letter dated : 18.09.2006
- D. CRZ clearance granted for 220KV transmission line project vide letter dated : 03.05.2013

This is for your kind information and records please.

Thanking you,

Yours faithfully,

For, ArcelorMittal Nippon Steel India Limited (AM/NS India)





R.S. Sankarasubramanian
Head – Environment


Copy to : 1) Central Pollution Control Board (CPCB), Western Regional office, Vadodara
2) Regional Officer, GPCB, Surat.


Annexure – A**Compliance Status of Environment Clearance for Modification Project - EC No: EC22A008GJ153411
File No. J-11011/44/2004-IA II (I) dated 02/03/2022.**

Sr. No.	Conditions	Status
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.	Company has permission for Water withdrawal of 45 MGD from Govt. of Gujarat and it will take care of additional water requirement of 7489 KLD.
ii.	Green Belt shall be developed in 222.05 ha with tree density of 2500 trees per ha. (or 1000 trees per acer) all along the periphery of the project site by 31 st December, 2022.	From April'22 to till date, additional 43,000 trees (18 Ha) have been planted and with this now we are having greenbelt area around 189 Ha. Tree plantation for remaining areas under progress.
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.	Performance test for the Pollution Control Systems carried out in Dec'21 and report submitted to MoEF&CC thorough our upstream expansion EIA report in Aug'22. For 2022-2023, Annual performance test through third party MoEF&CC approved agency is under progress and report will be submitted to MoEF&CC in the subsequent compliance report.
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.	Sinter cooler heat recovery system for the existing Sinter plant will be installed by 2025.
v.	Dry Gas cleaning system shall be implemented for the existing Blast furnace within 5 years from the date of issue of Environment clearance.	Dry Gas cleaning system will be implemented for the existing Blast furnace will be installed by 2027.
vi	The Oil scum and oily waste from CRM shall be sent to registered recyclers for oil recovery and incineration.	Oily scum and Oily waste are being disposed to registered recyclers for oil recovery & incineration and the same will be continued.
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	CEMS has been connected to plant control rooms. For Interlocking of CEMS, awaiting guidelines from CPCB.
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 rehear furnace operating on natural gas / Corex gas.	Hot Rolled Coil (HRC) production is being done through hot charging of minimum 65 %. Remaining are being done through rehear 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 / Nm ³ HCl.	Acid Recovery Plant (ARP) and acid fume scrubber norms are complying the norms.
x.	The Oil scum and oily waste from CRM shall be sent to Authorized recycler.	Oily Scum and Oily waste from CRM are being disposed to registered recyclers for oil recovery & incineration and the same will be continued.
xi.	CDQ shall be installed along with a modified wet quenching tower as a standby.	CDQ will be commissioned along with the coke oven battery.
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.	In SMS plant, independent Fume Extraction System is provided for furnaces and common Fume Extraction System is provided for Rooftop.
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.	For the complex – except Coke oven area, RO reject will be utilized for slag quenching proposed as part of ZLD. However, for Coke oven, separate RO unit with dedicated MEE will be arranged.

xiv.	PM emission from all stacks (existing and new) shall be less 30 mg / Nm ³ .	Existing & Proposed stacks will comply the norms of 30 mg / Nm ³ .
xv.	100 % solid waste generated shall be recycled/reused/sold. No dumping is permitted.	Action plan is in place for 100 % solid waste utilization through recycling / reused / sold. Currently, we are utilizing / recycling / selling around 85% and already supplied our slag to NHAI & in discussion with Railways to use our slag for road construction, Ballast purpose, etc.
xvi.	A wind barrier of 400 m shall be provided near Sikotar Mata Temple in Hazira Village.	Complied. Company installed the wind barrier with costing around Rs. 5 cr and 400 mt length. 
xvii.	Wind barrier at raw material handling yard shall be provided and loading and unloading station shall be closed.	Wind barriers are available for the main storage yards.
xviii.	Zero Liquid Discharge (ZLD) scheme for the entire complex shall be implemented by March,2023.	Zero Liquid Discharge (ZLD) project for the entire complex will be commissioned by March'2023.
xix.	All plant roads shall be paved and industrial vacuum cleaners shall be provided to clean the roads regularly.	All major plant roads are paved and regular industrial vacuum cleaners are provided for cleaning 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.	Garland drains already provided.
xxi.	PP shall carryout extensive rainwater harvesting and recharge as per the action plan submitted in the EIA report.	Company is practicing the Rainwater harvesting regularly. In CY 2022, rain water harvested – 5,24,482 m ³ .
xxii.	Sulphur recovery and ammonia cracker shall be installed in Coke Oven Plant.	Sulphur recovery and ammonia cracker from coke oven gas is considered in the design and will be commissioned along with the coke oven by-product 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.	Wildlife Management plan is already approved by PCCF (Principal Chief Conservator of Forest), Gandhinagar. Management plan will be implemented as per timeline and Implementation report will be submitted accordingly.
B.	General condition	
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.	Noted
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.	Continuous Emission Monitoring System at process stacks already installed and 04 CAAQMS stations installed in the plant premises. Calibration of the analyzers is being done through lab recognized under Environment (Protection) Act, 1986 and NABL accredited laboratory. Additional CEMS & 2 CAAQMS will be installed and will be connected with SPCB & CPCB servers.
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.	Fugitive emission monitoring is being carried out in 8 locations every month through Third party NABL accredited laboratory.
iii.	Sampling facility at process stacks and at quenching towers shall be provided as per CPCB guidelines for manual monitoring of emissions.	For the existing stacks, sampling facility already available as per CPCB guidelines for Manual monitoring of emissions. For the proposed stacks, sampling facility will be provided as per CPCB guidelines.
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.	For the Existing plant, APC system already implemented. For the proposed units, APC systems will be provided for all the dust generating points.
v.	The project proponent shall provide leakage detection and mechanized bag cleaning facilities for better maintenance of bags.	Leakage detection & mechanized bag cleaning facilities already available 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.	Mobile vacuum cleaners are already provided for cleaning the plant roads. Shop floors & roofs are being cleaned regularly. 10 nos. of road sweeping machines operated for effective road cleaning.
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.	Recycling & reuse measures already implemented. Iron ore fines is being utilized in Sinter plant. FES Micropelletization implemented for Iron Fines (FES dust) & Coal Briquetting implemented for Coal fines.

viii.	The project proponent use leak proof trucks / dumpers carrying coal and other raw materials and cover them with tarpaulin.	Using Leak proof trucks / dumpers for carrying coal and other raw materials and it is covered. 
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).	Spillage collection facilities of coal and coke is considered in the design for the implementation and recycling through conveyor.
x.	Land - based APC system shall be installed to control coke pushing emissions.	Land - based APC system considered in the design for the implementation.
xi.	Monitor CO, HC and O ₂ in flue gases of the coke oven battery to detect combustion efficiency and cross leakages in the combustion chamber.	Monitoring system is considered in the design for implementation.
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.	Vapor absorption system for cooling of coke oven gas is considered in design for implementation.
xiii.	Wind shelter fence and chemical spraying shall be provided on the raw material stockpiles.	Wind shelter fence already provided for existing yards.
xiv.	Design the ventilation system for adequate air changes as per prevailing norms for all tunnels, motor houses, Oil Cellars.	Required ventilation system already provided in the 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 31 st March 2012 (Integrated iron & Steel); G.S.R 414 (E) dated 30 th May 2008 (Sponge Iron) as amended from time to time; S.O. 3305 (E) dated 7 th 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.	Effluent Quality Monitoring Systems (EQMS) already provided for 03 effluent outlets and connected with CPCB server. Calibration of the analyzers are being done through NABL accredited third party laboratory.
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.	Ground water quality is monitoring through Third party NABL accredited laboratories every six month. In addition, Ground water quality monitoring stations will be increased to include adjacent areas from 2023.
iii.	Sewage Treatment Plant shall be provided for treatment of domestic wastewater to meet the prescribed standards.	Sewage Treatment Plant is already installed for treatment of domestic wastewater. Further, Modular STP units will be installed in the expanded area.
iv.	Garland drains and collection pits shall be provided for each stock pile to arrest the run off in the event of heavy	Garland drains already implemented.

	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.	Tyre washing facilities will 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.	Water meters already provided at the inlet of unit process. For the proposed plants, inlet water meters will be installed.
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.	Ambient noise monitoring is being carried out through Third party NABL accredited laboratory every month and report is being submitted to Regional Office every six month. Same Practice will be continued for the proposed plants.
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.	Covered torpedo ladle has been considered in Expansion.
ii.	Restrict Gas flaring to < 1 %.	Flaring is minimum due to common gas network, mixture, and connectivity with power plant.
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;	In this proposed modification project, we proposed solar rooftop facility for 16.75 MW and will be commissioned by 2023.
iv	Provide LED lights in their offices and residential areas.	100% completed for existing offices and residential areas. For expansion, LED illumination system has been considered for all the areas.
v.	Ensure installation of regenerative / recuperative type burners on all reheating furnaces.	In existing plant, efficient recuperators have been installed. For expansion, efficient burners will be installed.
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.	Oil Collection pits are available to collect and reuse / recycle spilled oil & Oil collection trays also available at all locations. 
ii.	Kitchen waste shall be composted or converted to biogas for further use.	Bio gas plant already constructed for converting kitchen waste into bio gas.
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.	GHG Emissions inventory already prepared for the plant and submitted to ministry through expansion EIA report in Aug'2022.
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.	Emergency preparedness plan cum Disaster Management plan already prepared and submitted to MoEF&CC / GPCB / CPCB through EC Compliance report (Oct'20 to Mar'21) on 31-05-2021.

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.	For the Existing plant, Heat stress analysis already conducted for high temperature work zone and PPEs are provided as per the norms. Same practice will be continued for the proposed plants.
iii.	Occupational health surveillance of the workers shall be done on a regular basis and records maintained.	Health Surveillance of workers are done on regular basis and records are maintained. Same practice will be continued for the proposed plants.
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.	Three years action plan already prepared and submitted to MoEF&CC as per OM dated 30/09/2020 through EIA report in Feb'2022.
ii.	The company shall have a well laid down environmental policy duly approve 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 shareholder's / 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.	Company having a detailed Incident / deviation investigation cum reporting procedure. As per this standard procedure any deviation in Environmental limits, any spillage of chemicals / waste, any violation of legal conditions are being reported to the management immediately and detailed investigation is to be conducted for the root cause and the remedial actions. Monthly compliance certificate is being submitted to Board of Directors from the site.
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.	Separate Environmental Cell already available under control of Senior Executive.
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.	Complied the condition. EC received on 02/03/2022 and Company has made an advertisement for grant of EC in two newspaper Indian Express (English) & Gujarat Mitra (vernacular language) on 08/03/2022. Company has already uploaded the EC on the company website.
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.	Copies of the Environmental clearance already submitted to Gujarat Pollution control Board, Surat Division & HO Gandhinagar. EC clearance also submitted to Hazira Gram Panchayat and Hazira Notified Industrial area office.
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.	EC conditions compliance reports already uploaded on the website of the company.
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.	Ambient and Stack emission are being monitored regularly and results are shown on the display board installed outside the main gate 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	Regularly submitting the six monthly report on the status of the compliance of the stipulated environmental conditions to MoEF&CC.

	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.	Environment Statement Form-V is regularly submitted to GPCB office and MoEF&CC.
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.	Financial closure is not applicable for this project as funding is arranged internally and project activities has commenced from 15-03-2022.
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.	Company will comply.
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).	Company will comply.
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.	Noted
xi.	The Ministry may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.	Noted
xii.	The Ministry reserves the right to stipulate additional conditions if found necessary. The Company in a time bound manner shall implement these conditions.	Noted
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.	Noted and Full support will be extended to the RO office.
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.	Noted.
7.	This issues with the approval of the Competent Authority.	Noted.

For, **ArcelorMittal Nippon Steel India Limited (AMNS)**



R.S. Sankarasubramanian
Head - Environment

Annexure - B**PREFACE**

The Environment Clearance (EC) J-11011/381/2014-IA II (I) dated 09th March,2016 covers all the production capacities of the following ECs.

Environment Clearance (EC) Details

Sr. No.	EC No.	Date	Plant	Capacity	Implementation Status
1	J – 11011/4/92-IA-II(I)	23/07/1992	Sponge Iron & Hot Rolled Coil (Integrated Steel Plant)	(Not Mentioned)	In operation
2	J-11011/45/2004 IA –II(I)	07/11/2005	Hot Briquetted Iron (HBI)	3,33,333 MTPM	In operation
			Hot Rolled Coil (HRC)	2,50,000 MTPM	In operation
			Hot Metal	61,250 MTPM	In operation
3	11-65/2005-IA-III	18/09/2006	Extension of existing Jetty to a length of 1190 Mtrs & 35 ha reclaimed land		In operation
4	J-13011/7/2006 IA.II (T)	21/09/2006	525 MW Gas based Captive Power Plant		In operation
5	J-11011/74-III/2006 – IAI(I)	29/05/2008	Hot Briquetted Iron (HBI)	3,33,333 MTPM	In operation
			Hot Rolled Coil (HRC)	3,75,000 MTPM	In operation
			BF Grade Coke	50,000 MTPM	In operation
			Electricity Generation (WHRB)	1.15(48 MW) MU/Day (MW)	Not Established
			Oxygen (Gas)	371,12,000 Nm3/M	In operation
			Oxygen (Liquid)	21,24,000 Nm3/M	In operation
			Nitrogen	3,45,20,000 Nm3/M	In operation
			Argon	10,58,400 Nm3/M	In operation
			Electricity Generation	31 MW	-
			Electricity Generation (New CPP)	525 MW	In operation
6	J-11011/327-I/2006-IA.II (I)	29/05/2008	Hot Briquetted Iron (HBI)	1.98 MMTPA	In operation
			Iron Ore Fines	2,52,840 TPA	In operation
7	J-11011/74-II/2006-IA.II(I)	29/05/2008	Hot Rolled Plate	15,00,000 TPA	In operation
8	J-13011/90/2006-IA.II(T)	10/08/2009	25 MW Waste Heat Recovery Based Power Plant		In operation
9	J-11011/714-A/2008-IAII(I)	05/07/2010	Pellet Plant		
			Pellets	40,00,000 TPA	Not Established
			HBI/DRI Plant (1 Nos.)		
			HBI / DRI	18,50,000 TPA	In operation
			Iron Ore Fines	2,68,000 TPA	In operation
			Corex Plant (2 Nos)		
			Hot Metal	17,00,000 TPA	In operation
			Granulated Slag	5,10,000 TPA	In operation
			Granulated Pig Iron	68,292 TPA	In operation
			Blast Furnace		
			Hot Metal	20,40,000 TPA	In operation
			Granulated Slag	6,12,000 TPA	In operation
			Steel Melt Shop(4 EAF & 4 LF)		
			Liquid Steel	50,00,000 TPA	In operation
			Slag	10,00,000 TPA	In operation
			Iron Fines	62,400 TPA	In operation
			Caster Shop (4 Slab & 2 Billet Casters)		
			Slabs from slab caster	49,00,000 TPA	In operation
			Billets from Billet caster	23,70000 TPA	Not Established

			Addition of CSP Hot Rolling Mill with Long Product Mill		
			Rebar	15,99,996 TPA	Not Established
			Wire Road	6,99,996 TPA	Not Established
			HRC	35,00,000 TPA	In operation
			Mill Scale	1,20,000 TPA	In operation
			Lime Plant (3 Nos)		
			Lime / Dolime	4,50,000 TPA	In operation
			Lime Stone / Dolomite chips	1,10,000 TPA	In operation
			Lime Fines	30,000 TPA	In operation
			Off Grade Lime Dolime	10,000 TPA	In operation
			Oxygen Plant (4 Nos)		
			Oxygen Gaseous Nm3/Hr	3,09,000 TPA	In operation
			Nitrogen Nm3/Hr	72,000 TPA	In operation
			Argon Nm3 / Hr	2,000 TPA	In operation
10	J-11011/ 313/2009 – IA. II (I)	28/07/2010	Coke Oven – 1.2 MMTPA		Not established
11	11-1/2012 – IA.III	11/01/2013	220 KV M/C Transmission Tower Line		In operation

MMTPA – Million Metric Tonnes Per Annum, MTPM – Metric Tonnes Per Month, TPA – Tonnes Per Annum


Status of Reconfiguration Projects granted as per Environment Clearance dated 09.03.2016



S.No	Plant / Facility	As per EC dated :09.03.2016 (A=A1+A2)							Remarks
		Total (A)		Implemented (A1)		Un-implemented (A2)		As per CTO	
		Config.	Capacity	Config.	Capacity	Config.	Capacity	Capacity	
1	HBI Plant (DRI Mod I to VI) (in MTPA)	Mod I-IV: 4.0 Mod:V - 1.98 Mod VI: 1.85	7.83 (- 4.0* =3.83)	Mod I-IV: 4.0 Mod:V - 1.98 Mod VI: 1.85	7.83	-	-	7.83	* Earlier planning was to remove HBI Modules (1 to 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*	-	(-3.0#)	2.04	# 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*	1 x 1.48	1.48	-	(-7.0#)	1.48	# 7.0 MTPA plant couldn't be implemented due to fund constraints and legal cases at the NCLT.
4	Coke Oven (Recovery Type)	1 x 1.20 1 x 1.35	2.55	2 x 59 Ovens	1.35#	-	1.20*	-	# Under implementation *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 (Only oxygen)	360,544	1 X 2200 TPD	64,200*	360,544	*64200 Nm3/hr plant will be established as per 2016 EC

S.No	Plant / Facility	As per EC dated :09.03.2016 (A=A1+A2)							Remarks
		Total (A)		Implemented (A1)		Un-implemented (A2)		As per CTO	
		Config.	Capacity	Config.	Capacity	Config.	Capacity	Capacity	
6	SMS-1 (EAF 4 Nos.)	4 x 150 MT Heat size	4.6*	4 x 150 MT Heat size	4.6*	-	-	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	-	-	5.0	
	Total SMS		9.6		9.6	-	-	9.6	
9	Corex Plant	2 x 0.85	1.7	2 x 0.85	1.7	-	-	1.7	
10	Lime Plant (Lime/Dolime)	1 x 0.45 (4 x 300 TPD) 1 x 0.48 (3 x 500 TPD)	0.93	1 x 0.45 1 x 0.48	0.93	1 x 0.27* (1 x 200 + 1x 500 TPD)	0.27	0.93	*0.27 MTPA approved under modification Project.
11	Plate Mill	1 x 1.5	1.5	1 x 1.5	1.5	-	-	1.5	
12	CSP and HRC	1 x 3.5	3.5*	1 x 3.5 1 x 4.5#	8.0*	-	-	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
13	CRM	1 x 1.5	1.5	1 x 1.5 1 x 0.54*	2.04*	1 x 2.2 1 x 1.0	3.2#	2.04	* CTO taken for additional 0.54 MTPA from GPCB. #3.2 MTPA Approved in Modification Project.
14	Pipe mill:								
	H Saw Pipes (in MTPA)	1 x 0.15	0.15	1 x 0.15 1 x 0.15*	0.30*	-	0	0.3	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	-	0	0.33	
15	CPP (in MW)	1 X 475 MW 1 X 31 MW	604	1 X 475 MW 1 X 31 MW	556	1 x 48 MW	(-48#)	556	#48 MW Power plant dropped

S.No	Plant / Facility	As per EC dated :09.03.2016 (A=A1+A2)							Remarks
		Total (A)		Implemented (A1)		Un-implemented (A2)		As per CTO	
		Config.	Capacity	Config.	Capacity	Config.	Capacity	Capacity	
		1 X 40 MW 1 X 10 MW 1 X 48 MW		1 X 40 MW 1 X 10 MW					
16	Waste Heat Recovery based Power Plant (in MW)	1 x 25 MW 1 x 20 MW	45	1 X 25 MW	25	1 X 20 MW	20*	25	*20 MW to be implemented
17	Jetty (length in m)	456 m+ 734 m	1190 m & 35 ha reclaimed land	456 m + 734 m	1190 m & 35 ha reclaimed land	-	-	734 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.

Compliance Status of Environment Clearance for Replacement of existing Hot Briquetted Iron(HBI)/ Direct Reduced Iron(DRI) Modules I to IV with Blast Furnace and associated facilities like Sinter plant, Coke oven plant and Existing Arc Furnace (EAF) facility with Basic Oxygen Furnace (BOF) facility in the existing integrated steel plant of ArcelorMittal Nippon Steel India Limited (Formerly M/s Essar Steel India Limited) - EC No: F.No.J-11011/381/2014-IA II (I) dated 9th March, 2016.

CO No.	POINTS TO BE COMPLIED	COMPLIANCE STATUS
I.	The Project proponent shall install 24x7 air monitoring devices to monitor air emission, as provided by the CPCB and shall submit report to ministry and its regional office.	<p>Installed Four nos. of Continuous (24*7) Ambient Air Quality Monitoring Stations (CAAQMS) and real-time data being connected to CPCB server.</p> <p>Monthly Manual monitoring is being done for Ambient air quality by Third Party (M/s. Pollucon Laboratories Pvt. Ltd.) approved by NABL & Recognized by MoEF&CC and analysis reports are being submitted to GPCB & MoEF&CC regularly.</p> <p>The results are,</p> <ul style="list-style-type: none"> PM10 values ranging from 44.1 to 77.66 complying GPCB norms of 100 µg/Nm³. PM2.5 values ranging from 19.06 to 43.62 complying GPCB norms of 60 µg/Nm³. SO₂ values ranging from 11.96 to 23.94 complying GPCB norms of 80 µg/Nm³. NO_x values ranging from 20.76 to 40.58 complying GPCB norms of 80 µg/Nm³.
II.	Continuous stack monitoring facilities for all the stacks shall be provided and sufficient air pollution control devices viz. Electrostatic precipitator (ESP), bag house, bag filters etc. shall be provided to keep the emission levels below 50 mg/Nm ³ and installing energy efficient technology.	<p>Continuous stack monitoring facilities have been provided for stacks which are having effective air pollution control devices such as Dedusting systems, Electrostatic Precipitator (ESP), Bag House & Bag Filters, Hydro cyclone, Venturi Scrubber.</p> <p><u>ESP Photograph (Sinter Plant):</u></p>  <p><u>Bag House Photograph: (Bag Filters installed at SMP1, SMP2, Lime Plant 1, Lime Plant 2, Corex, Blast Furnace, HBI, Plate Mill, Pipe Mill)</u></p>

		 <p>Monthly manual monitoring is being done for all Stacks by Third Party (M/s. Pollucon Laboratories Pvt. Ltd.) approved by NABL & Recognized by MoEF&CC and analysis reports are being submitted to GPCB & MoEF&CC regularly. The Stack Monitoring results are well within the stipulated GPCB norms.</p>								
III.	Efforts shall further be made to use maximum water from the rain water harvesting sources. Use of air cooled condensers shall be explored and closed circuit cooling system shall be provided to reduce water consumption and water requirement shall be modified accordingly. All the effluent should be treated and used for ash handling, dust suppression and green belt development.	<p>Total 5,24,482 m3 of rain water harvested for the period Apr'22 – Sep'22.</p> <p>We are using air cooled condensers and closed circuit cooling system.</p> <p>Using treated effluent water for dust suppression and green belt development.</p>								
IV.	All the coal fines and char shall be utilized within the plant and no char shall be used for briquette making or disposed off anywhere else. Scrap shall be used in Steel melting shop (SMS) and SMS slag and kiln accretions shall be properly utilized. All the other solid waste including broken refractory mass shall be properly disposed of in environment-friendly manner.	<p>Coal fines is being utilized as a raw material in Blast Furnace & Power Plant.</p> <p>Scrap is being used in Steel melting shop (SMS) and SMS slag and kiln accretions has been utilized properly in Environment friendly manner.</p> <p>Other Materials Utilization Table:</p> <table border="1"> <thead> <tr> <th>Materials</th> <th>Utilization (MT) Apr'22 – Sep'22</th> </tr> </thead> <tbody> <tr> <td>Coal Fines</td> <td>450991</td> </tr> <tr> <td>Scrap</td> <td>210843</td> </tr> <tr> <td>SMS Slag</td> <td>791474</td> </tr> </tbody> </table>	Materials	Utilization (MT) Apr'22 – Sep'22	Coal Fines	450991	Scrap	210843	SMS Slag	791474
Materials	Utilization (MT) Apr'22 – Sep'22									
Coal Fines	450991									
Scrap	210843									
SMS Slag	791474									
V.	All internal roads shall be black topped. The roads shall be regularly cleaned with mechanical sweepers. A 3 tier avenue plantation using native species shall be developed along the roads. Facilities for parking of trucks carrying raw coal from the linked coal mines shall be created within the Unit.	<p>All the internal plant roads have been Black topped / Concrete & cleaning of the roads are being done regularly through mechanical sweepers.</p> 								



Regular Road repairing also being carried out.




Facilities available for Trucks & Trailers parking.



Avenue Plantation Photographs:



		
VI.	The Standards issued by the Ministry vide G.S.R. No. 277(E) dated 31 st March, 2012 regarding iron and steel plant shall be followed.	Company is complying the standards of Ministry vide G.S.R. No. 277(E) dated 31 st March, 2012.
VII.	The National Ambient Air Quality Emission Standards issued by the Ministry vide G.S.R. No 826 (E) dated 16 th November, 2009 shall be followed.	<p>The National Ambient Air Quality Emission Standards issued by the Ministry vide G.S.R. No 826 (E) dated 16th November, 2009 is being followed.</p> <p>Monthly Manual monitoring is being done for Ambient air quality by Third Party (M/s. Pollucon Laboratories Pvt. Ltd.) approved by NABL & Recognized by MoEF&CC and analysis reports are being submitted to GPCB & MoEF&CC regularly.</p> <p>The results are,</p> <ul style="list-style-type: none"> • PM10 values ranging from 44.1 to 77.66 complying GPCB norms of 100 µg/Nm³. • PM2.5 values ranging from 19.06 to 43.62 complying GPCB norms of 60 µg/Nm³. • SO₂ values ranging from 11.96 to 23.94 complying GPCB norms of 80 µg/Nm³. • NO_x values ranging from 20.76 to 40.58 complying GPCB norms of 80 µg/Nm³.
VIII.	Gaseous emission levels including secondary fugitive emissions from all the sources shall be controlled within the latest permissible limits issued by the Ministry vide G.S.R. 414(E) dated 30 th May, 2008 and regularly monitored. Guidelines/ Code of Practice issued by the CPCB shall be followed.	<p>Monthly manual monitoring is being done for fugitive emissions by Third Party (M/s. Pollucon Laboratories Pvt. Ltd. approved by NABL & Recognized by MoEF&CC, New Delhi under Sec. 12 of Environmental Protection Act-1986) and reports are being sent to GPCB & MoEF&CC.</p> <p>The results of PM10 values are ranging from 3216 to 3896 complying with CPCB norms of 4000 µg/Nm³.</p> <p>Guidelines/ Code of Practice issued by the CPCB is being followed.</p>
IX.	Vehicular Pollution due to transportation of raw material and finished product shall be controlled. Proper arrangements shall also be made to control dust emissions during loading and unloading of the raw material and finished product.	Dust emission control measures are in place for controlling pollution happened due to Vehicle Movements & loading and unloading of the raw material and finished product.

- 1) Regular cleaning of dust on roads through mechanical sweepers.



Regular Road repairing also being carried out.





2) Water sprinkling systems are installed at various locations for controlling of dust emission.



3) Dry fog systems are installed at various locations for controlling of dust emission.




X. 'Zero' effluent discharge shall be strictly followed and no wastewater shall be discharged outside the premises.

- As per Environment Clearances granted earlier, AMNS has permission to discharge water to the Tapi Estuary.
- As per latest Consent To Operate (CTO) granted by GPCB, Company has permission to discharge the water into Tapi Estuary for HRC Division, Plate Mill Division and Power Division. (Total Permission - 27572 M3/day).
- In 2016 EC, Ministry has recommended Zero liquid discharge (ZLD) for the proposed expansion facilities, however due to Financial Implications and NCLT process, earlier management could not able to complete the

		ZLD. Now the new management i.e. AMNSI will implement the ZLD project as a part of modification project. We are setting up Reverse osmosis plant at cost of Rs. 100 Crores towards implementation of ZLD scheme and it will be established and commissioned by Mar'2023.
XI.	Regular monitoring of influent and effluent surface, sub-surface and ground water shall be ensured and treated wastewater shall meet the norms prescribed by the State Pollution Control Board or described under the E(P) Act whichever are more stringent.	<p>Monthly effluent monitoring is being done by Third Party (M/s. Pollucon Laboratories Pvt. Ltd.) approved by NABL & Recognized by MoEF&CC, and reports are being sent to GPCB & MoEF&CC.</p> <p>Monthly manual Marine monitoring of Tapi Estuary is being done by Third Party NABL accredited laboratory to evaluate the marine status of the estuary due to effluent discharge and report of the same is sent to GPCB on monthly basis. Similarly, a six monthly report is also being sent to MoEF&CC.</p> <p>Monthly Effluent Monitoring Results are complying the GPCB norms.</p>
XII.	Proper handling, storage, utilization and disposal of all the solid waste shall be ensured and regular report regarding toxic metal content in the waste material and its composition, end use of solid / hazardous waste shall be submitted to the Ministry's Regional Office, SPCB and CPCB.	<p>All the Solid waste & Hazardous waste Handling, Storage, Utilization and disposal is being done in environment friendly manner as per statutory guidelines.</p> <p>Hazardous waste disposal is being done through GPCB approved TSDF Site / Recyclers.</p> <p>Yearly Submission of Hazardous Waste Return (Form 4) are being submitted to GPCB.</p>
XIII.	A time bound action plan shall be submitted to reduce solid waste generated due to the project related activities, its proper utilization and disposal.	<p>All the Solid waste & Hazardous waste Handling, Storage, Utilization and disposal is being done in environment friendly manner as per statutory guidelines.</p> <p>Company is utilizing around 85% of our solid waste through various Reuse / Recycle / TSDF / Sale options. We are also taking various studies / projects with International Technology suppliers / CSIR institutes for reaching 100% utilization target.</p>
XIV.	Proper utilization of fly ash shall be ensured as per Fly ash Notification, 1999 and Subsequent amendment in 2003 and 2009. All the fly ash shall be provided to cement and brick manufactures for further utilization and Memorandum of Understanding shall be submitted to the Ministry's Regional Office at Chennai	<p>Not Applicable.</p> <p>AMNS India (Hazira) is not currently having Coal based power plant and no generation of Fly Ash, hence requested for deletion of this condition.</p> <p>Same was communicated to Ministry through modification projects EIA report.</p>
XV.	A Risk and Disaster Management Plan shall be prepared and a copy submitted to the Ministry's Regional Office, SPCB and CPCB within 3 months of issue of environment clearance letter.	Risk and Disaster Management Plan submitted to MoEF&CC / GPCB / CPCB through EC Compliance report (Oct'20 to Mar'21) dated 31 st May, 2021.

<p>XVI.</p>	<p>Green belt shall be developed in at least 33% of the project area by planting native and broad leaved species in consultation with local DFO and local communities as per the CPCB guidelines.</p>	<p>Green Belt is developed within the complex with native and broad leaved species.</p> <p>Company is in process for implementation of Greenbelt development to achieve the target.</p> <div data-bbox="873 342 1463 1845">  </div>
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XVII.	At least 5% of the total cost of the project shall be earmarked towards the Enterprise Social Commitment based on locals need and item-wise details along with time bound action plan shall be prepared and submitted to the Ministry's Regional Office. Implementation of such program shall be ensured by constituting a Committee comprising of the proponent, representatives of village panchayat and District Administration. Action taken report in this regard shall be submitted to the Ministry's Regional Office.	<p>Project is not being implemented. However, we have undertaken community development activities for nearby villages.</p> <p>Till 2019, the unit was under NCLT process and no major CSR activities was carried out. Last year CSR Activity details is submitted as Annexure 1.</p> <p>Enterprise Social Commitment (ESC) action plan status is already submitted to MoEF&CC regional office Gandhinagar.</p>
XVIII.	The proponent shall prepare a detailed CSR plan for every year for the next 5 years for the existing-cum-expansion project, which includes village-wise, sector-wise (Health, Education, Sanitation, Health, Skill Development and infrastructure requirements such as strengthening of village roads, avenue plantation, etc) activities in consultation with the local communities and administration. The CSR Plan will include the amount of 2% retain annual profits as provided for in Clause 135 of the Companies Act, 2013 which provides for 2% of the average net profits of previous 3 years towards CSR activities for life of the project. A Separate budget head shall be created and the annual capital and revenue expenditure on various activities of the plan shall be submitted as part of the Compliance report to RO. The details of the CSR plan shall also uploaded on the company website and shall also be provided in the Annual Report of the company.	<p>Project is not being implemented. However, we have undertaken community development activities for nearby villages.</p> <p>Till 2019, the unit was under NCLT process and no major CSR activities was carried out. Last year CSR Activity details is submitted as Annexure 1.</p>

XIX.	The Company shall submit within three months their policy towards Corporate Environment Responsibility which shall inter-alia address (i) Standard operating process/ procedure to bring into focus any infringement / deviation / violation of environmental or forest norms/ conditions, (ii) Hierarchical system or Administrative order of the Company to deal with environmental issues and ensuring compliance to the environmental clearance conditions and (iii) System of reporting of non-compliance/ violation environmental norms to the Board of Directors of the company and/ or stakeholders or shareholders.	<p>Details already submitted in the earlier compliance report of Oct'20 to Mar'21 dated 31.05.2021.</p> <p>We are having a detailed Incident / deviation investigation cum reporting procedure.</p> <p>As per this standard procedure any deviation in Environmental limits, any spillage of chemicals / waste, any violation of legal conditions are being reported to the management immediately and detailed investigation is to be conducted for the root cause and the remedial actions.</p> <p>Monthly compliance certificate is being submitted to Board of Directors from the site.</p>
XX.	The project proponent shall provide for solar light system for all common areas, street lights, villages, parking around project area and maintain the same regularly.	Presently the project is under conceptual stage, will be undertaken during project execution.
XXI.	The project proponent shall provide for LED lights in their offices and residential areas.	LED Lights are installed at Plant offices & Township. Now, we are installing LED lights only.
XXII.	Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, Safe drinking water, medical health care, crèche etc. The housing may be in the form of temporary structures to be removed after the completion of the project.	<p>The said reconfiguration project was not implemented.</p> <p>For the future projects, we assure to provide all the necessary welfare amenities for the construction workers as per the condition.</p>
General Conditions		
I.	The project authorities must strictly adhere to the stipulations made by the Gujarat Pollution Control Board (GPCB) and the State Government.	We abide by the stipulations made by the Gujarat Pollution Control Board.
II.	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).	<p>Agreed.</p> <p>Company has received Environment Clearance (EC) for modification project on 02.03.2022.</p>
III.	At least four ambient air quality monitoring stations should be established in the downward direction as well as where maximum ground level concentration of PM ₁₀ , SO ₂ and NO _x are anticipated in consultation with the SPCB. Data on ambient air quality and stack emission shall be regularly submitted to this Ministry including its Regional Office at Bhopal and SPCB / CPCB once in six months.	<p>Installed Four nos. of Continuous (24*7) Ambient Air Quality Monitoring Stations (CAAQMS) and real-time data connected to CPCB server.</p> <p>Monthly Manual monitoring is being done for Ambient air quality by Third Party (M/s. Pollucon Laboratories Pvt. Ltd.) approved by NABL & Recognized by MoEF&CC and analysis reports are being submitted to GPCB & MoEF&CC regularly.</p> <p>The results are,</p> <ul style="list-style-type: none"> PM₁₀ values ranging from 44.1 to 77.66 complying GPCB norms of 100 µg/Nm³. PM_{2.5} values ranging from 19.06 to 43.62 complying GPCB norms of 60 µg/Nm³.

		<ul style="list-style-type: none"> SO₂ values ranging from 11.96 to 23.94 complying GPCB norms of 80 µg/Nm³. NO_x values ranging from 20.76 to 40.58 complying GPCB norms of 80 µg/Nm³.
IV.	Industrial waste water shall be properly collected, treated so as to conform to the standards prescribed under GSR 422 (E) dated 19th May, 1993 and 31st December, 1993 or as amended from time to time. The treated wastewater shall be utilized for plantation purpose.	<p>Monthly manual effluent monitoring is being done by Third Party (M/s. Pollucon Laboratories Pvt. Ltd approved by NABL & Recognized by MoEF&CC, and reports are being sent to GPCB & MoEF&CC.</p> <p>Monthly manual Marine monitoring of Tapi Estuary is being done by Third Party NABL accredited laboratory to evaluate the marine status of the estuary due to effluent discharge and report of the same is sent to GPCB on monthly basis. Similarly, a six monthly report is also being sent to MoEF&CC.</p> <p>Monthly Effluent Monitoring Results are complying the GPCB norms.</p>
V.	The overall noise levels in and around the plant area shall be kept well within the standards (85 dBA) by providing noise control measures including acoustic hoods, silencers, enclosures etc. on all sources of noise generation. The ambient noise levels should conform to the standards prescribed under EPA Rules, 1989 viz. 75 dBA (day time) and 70 dBA (night time).	<p>Acoustic hoods, Silencers, Enclosures etc. are already installed at various locations in the plants on all sources of noise generation.</p> <p>Monthly manual monitoring is being done for Noise levels by Third Party (M/s. Pollucon Laboratories Pvt. Ltd. approved by NABL & Recognized by MoEF&CC, New Delhi under Sec. 12 of Environmental Protection Act-1986) and reports is being sent to GPCB & MoEF&CC.</p> <p>Monthly Noise Monitoring Results are complying the GPCB norms.</p>
VI.	Occupational Health surveillance of the workers shall be done on a regular basis and records maintained as per Factories Act.	<p>Occupational Health Surveillance Program & medical checkup of all workers & employees of company are being carried out and records of the same are maintained.</p> <p>Contractual Worker's & Employee's Medical Checkup working in Hazardous operations – Once in Six months.</p> <p>Contractual Worker's & Employee's Medical Checkup – Once in a year. Pre-employment Medical checkup also carried out.</p>
VII.	The company shall develop rain water harvesting structures to harvest the rain water for utilization in the lean season besides recharging the ground water table.	Total 5,24,482 m ³ rain water harvested for the period Apr'22 – Sep'22.

VIII.	The project proponent shall also comply with all the environmental protection measures and safeguards recommended in the EIA / EMP report. Further, the company must undertake socio-economic development activities in the surrounding villages like community development programs, educational programs, drinking water supply and health care etc.	<p>Project is not being implemented. However, we have undertaken community development activities for nearby villages.</p> <p>Till 2019, the unit was under NCLT process and no major CSR activities was carried out. Last year CSR Activity details is submitted as Annexure 1.</p>								
IX.	Requisite funds shall be earmarked towards capital cost and recurring cost/annum for environment pollution control measures to implement the conditions stipulated by the Ministry of Environment, Forest and Climate Change (MoEF&CC) as well as the State Government. An implementation schedule for implementing all the conditions stipulated herein shall be submitted to the Regional Office of the Ministry at Bhopal. The funds so provided shall not be diverted for any other purpose.	<p>In the ongoing operations, capital Cost spent towards installation of Air & Water pollution control measures is 557 Crores.</p> <p>Recurring Cost for operation & maintenance of Pollution control equipment:</p> <table><tr><th>Year</th><th>Recurring Cost (Rs. In Crores)</th></tr><tr><td>2019-20</td><td>152</td></tr><tr><td>2020-21</td><td>143</td></tr><tr><td>2021-22</td><td>111</td></tr></table> <p>Details already submitted to Ministry office.</p>	Year	Recurring Cost (Rs. In Crores)	2019-20	152	2020-21	143	2021-22	111
Year	Recurring Cost (Rs. In Crores)									
2019-20	152									
2020-21	143									
2021-22	111									
X.	A copy of clearance letter shall be sent by the proponent to concerned Panchayat, Zila Parishad / Municipal Corporation, Urban Local Body and the local NGO, if any, from whom suggestions/ representations, if any, were received while processing the proposal. The Clearance letter shall also be put on the website of the company by the proponent.	<p>Clearance letter already published in the leading newspapers in local language and in English. Copy is already submitted to Ministry through previous EC compliance report dated 30.11.2021.</p> <p>No suggestions/ representations received from any Local body / NGOs while processing the proposal.</p> <p>Clearance letter already uploaded on the website of the company.</p>								
XI.	The project proponent shall upload the status of compliance of the stipulated environment clearance condition, including results of monitored data on their website and shall update the same periodically. It shall simultaneously be sent to the Regional Office of the MoEFCC at Bhopal. The respective Zonal Office of CPCB and the SPCB. The criteria pollutant levels namely; PM ₁₀ , SO ₂ , NO _x (ambient levels as well as stack emissions) or critical sectoral parameters, indicated for the projects shall be monitored and displayed at a convenient location near the main gate of the company in the public domain.	Environment clearance condition compliance report including results of monitored data already uploaded on the website of the company.								
XII.	The Project proponent shall also submit six monthly reports on the status of the compliance of the stipulated environmental conditions including results of monitored data (both in hard copies as well as by e mail) to the Regional Office of MoEFCC, the respective Zonal Office of CPCB and the SPCB. The Regional Office of this Ministry at	<p>Being complied.</p> <p>Six monthly Environment Clearance Condition compliance report is being sent to MoEF&CC & same data uploaded on to the website of MoEF&CC regularly.</p>								

	Bhopal/ CPCB/ SPCB shall monitor the stipulated conditions.	
XIII.	The environmental statement for each financial year ending 31 st March in Form - V as is mandated to be submitted by the project proponent to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986 as amended subsequently, shall also put on website of the company along with the status of compliance of environmental conditions and shall also be sent to the respective Regional Office of the MoEFCC at Bhopal by e mail.	<p>We are regularly submitting environmental statement in Form V to Gujarat Pollution Control Board.</p> <p>Form V for 2020-21 is already submitted through EC Compliance report (Apr'21 to Sept'21) dated 30.11.2021.</p>
XIV.	The project Proponent shall inform the public that the project has been accorded environmental clearance by the Ministry and copies of the clearance letter are available with the SPCB and may also be seen at website of the Ministry of Environment, Forests and Climate Change (MoEFCC) at http://envfor.nic.in . This shall be advertised within seven days from the date of issue of the clearance letter, at least in two local newspaper that are widely circulated in the region of which one should be in vernacular language of the locality concerned and a copy of the same should be forwarded to the Regional Office at Bhopal.	<p>Details already submitted in the last compliance report of Oct'20 to Mar'21 dated 31st May, 2021.</p> <p>Clearance letter already published in the leading newspapers in local language and in English on 19th March, 2016.</p>
XV.	Project Authorities 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 and the date of commencing the land development work.	Will be complied after commissioning of the project.

For, **ArcelorMittal Nippon Steel India Limited (AMNS)**



R.S. Sankarasubramanian
Head - Environment

Annexure - C**Compliance status of Environmental & CRZ Clearance for expansion of Captive jetty by 734m from 456m to 1190m - Vide No. 11-65/2005-IA-III dated 18th September 2006**

COND. NO.	POINTS TO BE COMPLIED	COMPLIANCE STATUS
A	Specific Condition	
i)	All the recommendations listed in the Environmental Management plan, Environmental Impact and Assessment prepared by NIO should be strictly implemented.	We abide.
ii)	The dredged material obtained should be utilized for filling back up area.	Complied, Dredged material used for filling back up area (~ 35 ha) behind the Jetty.
iii)	The recommendations of the CWPRS mathematical model studies with respect to hydrodynamics should be implemented.	CWPRS has concluded that there would be no significant changes flow conditions in the Tapi Estuary.
iv)	Appropriate shore erosion measures should be taken up as indicated in the report of NIO.	As per the report of CWPRS, shore line on the southern side of existing jetty remains stable therefore shore erosion measure are not required.
v)	It should be ensured that during construction and operation of mangroves located about 1,000 m North of the proposed jetty should not be affected.	Being complied, Mangrove in that area is untouched.
vi)	Monitoring and mitigating steps to prevent pollution of Tapi estuary by the project should be taken up in their area.	Monthly manual Marine monitoring of Tapi Estuary is being done by Third Party & NABL accredited laboratory to evaluate the marine status of the estuary due to effluent discharge and report of the same is sent to GPCB on monthly basis. Similarly, a six monthly report is also being sent to MoEF&CC. Further 8 locations sampling and analysis of physico-chemical & biological environmental monitoring is carried out in 2020 (pre monsoon and post monsoon) to study the overall impact on marine environment due to discharge of Treated effluent to the estuary by Third Party (M/s. Shree Green Environmental Laboratories) NABL accredited laboratory involving Marine ecology & Bio-diversity expert.
vii)	The recommendations of NIO in the EIA report shall be followed.	We abide.
viii)	All the conditions stipulated by the Gujarat Pollution Control Board in their consent letter No.PC/NOC/SRT-1404/2271 dated 27.1.2004 should be effectively implemented.	GPCB issued the Consent to Operate and the consent condition are being complied

ix)	All the conditions stipulated by the Government of Gujarat, Forests and Environment Department should be effectively implemented.	Being complied.
x)	Sewage arising in the port area should be disposed off through septic tank – Soak pit system or shall be treated along with the industrial effluents to conform the standards stipulated by GPCB and shall be utilized/re-cycled for gardening, plantation and irrigation.	Sewage is being disposed of through septic tank – soak pit system.
xi)	Adequate plantation should be carried out along the roads of the Port premises and a green belt should be developed.	Plantation around Roads & Green belt developed.
xii)	There should be no withdrawal of ground water in CRZ area, for this project. The proponent should ensure that as a result of the proposed constructions, ingress of saline water into ground water does not take place. Piezometers should be installed for regular monitoring for this purpose at appropriate locations on the project site.	No Ground water is withdrawn for this project.
xiii)	The project should not be commissioned till the requisite water supply and electricity to the project are provided by the PWD/Electricity Department.	Required water withdrawal permission & Electricity supply permission obtained on behalf of Steel complex.
xiv)	Specific arrangements for rain water harvesting should be made in the project design and the rain water to be harvested should be optimally utilized. Details in this regard should be furnished to this Ministry's Regional Office at Bhopal within 3 months.	Rainwater conservation is practiced. Company having 6 Nos. of water reservoirs for rainwater harvesting in the complex.
xv)	All the developmental activities and the facilities to be constructed in the CRZ area as a part of this project should be strictly in conformity with the provisions of the CRZ notification, 1991 as amended subsequently.	Agreed
xvi)	Green buffer zone should be provided all round the project area in consultation with local forest department and the report submitted to this Ministry's Regional Office at Bhopal.	Green Buffer Zone by way of plantation is being developed in AMNS Complex.
xvii)	No product other than those permissible in the Coastal Regulation Zone Notification, 1991 should be stored in the Coastal Regulation Zone area.	Agreed
xviii)	The project proponent should undertake up activities to improve the quality of life of the local people living along the project site. The activities should include supply of drinking water, providing rainwater harvesting structures.	Undertaken Community development activities for nearby villages since inception..

xix)	The relocation of the fishermen community should be done strictly in accordance with the norms prescribed by the State Government. The relocated fishermen community if any will be provided with all facilities including health care, education, sanitation and livelihood.	Project does not involve any relocation of fisherman.
B	General Condition	
i)	Construction of the proposed structures should be undertaken meticulously conforming to the existing Central/local rules and regulations including Coastal Regulation Zone Notification 1991 and its amendments. All the construction designs/drawings related to the proposed construction activities must have approvals of the concerned state Government Departments / Agencies.	Construction drawings have been approved by GMB.
ii)	Adequate provisions for infrastructure facilities such as water supply, fuel, sanitation etc. should be ensured for construction workers during the construction phase of the project so as to avoid felling of trees/mangroves and pollution of water and the surroundings.	Adequate Amenities provided during the construction stage.
iii)	The project authorities must take necessary arrangements for disposal of solid wastes and for the treatment of effluents by providing a proper wastewater treatment plant outside of CRZ area. The quality of treated effluents, solid wastes and noise level etc. must conform to the standards laid down by the competent authorities including the Central/State Pollution Control Board and the Union Ministry of Environment and Forests under the Environment (Protection) Act, 1986 whichever are more stringent.	Solid wastes, mainly garbage generated from Tugs / barges are being collected & disposed. Haz.waste – used oil / Waste oil disposed to authorized recyclers
iv)	The proponent shall obtain the requisite consents for discharge of effluents and emissions under the water (Prevention and Control of Pollution) Act, 1974 and the Air (Prevention and Control of Pollution) Act, 1981 from the Gujarat Pollution Control Board before commissioning of the project and a copy of these shall be sent to this Ministry.	CCA already received from GPCB.
v)	The proponents shall provide for a regular monitoring mechanism so as to ensure that the treated effluents conform to the prescribed standards. The records of analysis reports must be properly maintained and made available for inspection to the concerned State/Central officials during their visits.	Monthly monitoring of Treated Effluents is being carried out by Third Party Approved Lab and report of the same is sent to GPCB on monthly basis. Similarly, a six monthly report is also being sent to MoEF&CC.

vi)	In order to carry out the environmental monitoring during the operational phase of the project, the project authorities should provide an environmental laboratory well equipped with standard equipment and facilities and qualified manpower to carry out the testing of various environmental parameters.	Monthly Environmental monitoring is being done by Third Party Approved Laboratory and report of the same is sent to GPCB on monthly basis. Similarly a six monthly report is also being sent to MoEF&CC.
vii)	The sand dunes and mangroves, if any, on the site should not be disturbed in any way.	No mangroves & Sand dunes in the project site
viii)	A copy of the clearance letter will be marked to the concerned panchayat/local NGO, if any, from whom any suggestion/representation has been received while processing the proposal.	Has already been done by GPCB.
ix)	The Gujarat Pollution Control Board should display a copy of the clearance letter at the Regional Office, District Industries Centre and Collector's office/Thasildar's office for 30 days.	Has already been done by GPCB.
x)	The funds earmarked for environment protection measures should be maintained, in a separate account and there should be no diversion of these funds for any other purpose. A year-wise expenditure on environmental safeguards should be reported to this Ministry's Regional Office at Bhopal and the State Pollution Control Board.	Expenditure done for environmental safeguards towards entire complex for FY 2021-22 is Rs.111 Crores.
xi)	Full support should be extended to the officers of this Ministry's Regional Office at Bhopal and the officers of the Central and State Pollution Control Boards by the project proponents during their inspection for monitoring purposes, by furnishing full details and action plans including the action taken reports in respect of mitigative measures and other environmental protection activities.	Full Support & co-operation is extended to officers of the ministry.
xii)	In case of deviation or alteration in the project including the implementing agency, a fresh reference should be made to this Ministry for modification in the clearance conditions or imposition of new ones for ensuring environmental protection.	We abide.
xiii)	The Ministry reserves the right to revoke this clearance, if any of the conditions stipulated are not complied with to the satisfaction of the Ministry.	We abide.
xiv)	The Ministry or any other competent authority may stipulate any other additional conditions subsequently, if deemed necessary, for environmental protection, which shall be complied with.	We abide.
xv)	The project proponent should advertise at least in two local newspapers widely circulated in the region around the project, one of which shall be in the vernacular language of the locality	Advertised in the month of September'06.

	concerned informing that the project has been accorded environmental clearance and copies of clearance letters are available with State Pollution Control Board and may also seen at Website of the Ministry of Environment and Forests at http://www.envfor.nic.in . The advertisement should be made within 7 days from the date of issue of the clearance letter and a copy of the same should be forwarded to the Regional Office of this Ministry at Bhopal.	
xvi)	The project proponents should inform the Regional Office at Bhopal as well as the Ministry the date of financial closure and final approval of the project by the concerned authorities and the date of start of Land Development Work	Financial closure of the project has been completed and we have obtained consent to operate from GPCB for the unit cleared vide under this EC.

For, **ArcelorMittal Nippon Steel India Limited (AMNS)**



R.S. Sankarasubramanian
Head - Environment

Annexure – D**Compliance status of CRZ Clearance for 220 KV M/C Transmission Tower Line from the Captive Power plant to ArcelorMittal Nippon Steel India Limited (Formerly Essar Steel India Limited) at Hazira Vide F. No. 11-1/2012 – IA .III Dated.11th January, 2013**

COND. NO.	POINTS TO BE COMPLIED	COMPLIANCE STATUS
	Specific Conditions	
i)	All the conditions stipulated by the SCZMA shall be complied with.	Complied with.
ii)	There shall be no drawl of ground water.	No Ground water drawl is being done.
iii)	Construction shall be carried out strictly as per the provisions of CRZ Notification, 2011. No construction work other than those permitted in Coastal Regulation Zone Notification shall be carried out in Coastal Regulation Zone area.	No activities carried out in CRZ area other than permitted.
iv)	There shall be no disposal of solid and liquid wastes in the Coastal areas.	We comply this condition.
	General Conditions	
i)	Full support shall be extended to the officers of this Ministry / Regional Office at Bhopal by the project proponent during inspection of the project for monitoring purposes by furnishing full details and action plan including action taken reports in respect of mitigation measures and other environmental protection activities.	Full support & co-operation is extended to officers of the Ministry.
ii)	Ministry & Forests or any other competent authority may stipulate any additional conditions or modify the existing ones, if necessary in the interest of environment and the same shall be complied with.	We abide.
iii)	The Ministry reserves the right to revoke this clearance if any of the conditions stipulated are not complied with the satisfaction of the Ministry.	We abide.
iv)	In the event of a change in project profile or change in the implementation agency, a fresh reference shall be made to the Ministry of Environment and Forests.	Till date no change in project profile.

v)	A copy of the clearance letter shall be marked to concerned panchayat / local NGO, If any, from whom any suggestion/representation has been made received while processing the proposal.	We comply this condition.
vi)	State Pollution Control Board shall display a copy of the clearance letter at the Regional Office, District Industries Center and Collector's Office / Tehsildar's Office for 30 days.	GPCB had already complied.
8.	The project proponent shall advertise in at least two local News papers widely circulated in the region, one of which shall be in the vernacular language informing that the project has been accorded CRZ Clearance and copy of clearance letters available with the State Pollution Control Board and may also be seen on the website of the Ministry of Environment and Forests at http://www.envfor.nic.in . The advertisement should made within 10 days from the date of receipt of the clearance letter and a copy of the same should be forwarded to the Regional Office of this Ministry at Bhopal.	We have advertised the same in two local newspapers on 23.01.2013.
9.	This clearance is subject to final order of the Hon'ble Supreme Court of India in the matter of Goa Foundation Vs. Union of India in Writ petition (Civil) No.460 of 2004 as may be applicable to this project.	We abide.
10.	Any appeal against this clearance 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.	We abide.
11.	A copy of the clearance letter shall be sent by the proponent to concerned Panchayat, Zilla parishad / Municipal Corporation, Urban Local Body and the Local NGO, if any, from whom suggestions / representations, if any, were received while processing the proposal. The clearance letter shall be put on the website of the company by the proponent.	Clearance letter already sent to Panchayat, Municipal corporation & Urban local body.
12.	Status of compliance to the various stipulated environmental conditions and environmental safeguards will be uploaded by the project proponent in its website.	We abide.

For, **ArcelorMittal Nippon Steel India Limited (AMNS)**



R.S. Sankarasubramanian
Head - Environment

Annexure - 1

Corporate Social Responsibility Report - Hazira

Period: April - 2022 To September – 2022



Main Focus Areas

A. Health

B. Education

C. Livelihood/Women Empowerment

D. Community Development

E. Sport

F. Potable water/Infrastructure

G. Beneficiaries Impacted

CSR Highlights

- Support of Hemophilia Care Center at Civil Hospital, Surat, Total 192 Patients taking treatment during the period
- World Health Day Celebration- Organized General Health & Eye Checkup camp
- Eye Checkup camp at Sanjivani High School, Damka Village
- Covid- 19 Awareness sessions for community
- Medical Equipment donation to the Government Primary Health Centre
- Menstrual Health & Hygiene Workshop for Adolescent girls & rural womens
- Organized a Summer camp at Hazira Village
- Bethi Padhao Scholarship Promotion Sessions
- Education Enhancement Support through Computer Learning and Spoken English Class
- Furniture Support to the Government Primary Schools
- SHG Formation & Training Program
- Skill Development Centre Project
- Empowering Womens of Hazira, Junagam, Mora and Damka village by imparting tailoring training through Lok Vikas Kendra
- Vermicompost Training
- Employee Volunteer Program- on POSH Act-2013
- Self Defense Training Program
- International Yoga Celebration Program
- Ponds Deepening Work under Amrit Sarovar Mission
- Water Proofing Work at Nav Jagruti Vidhya Vihar School- Hazira

A. Health: -

1. AMNS INDIA Hemophilia Care Centre: -

Hemophilia care Centre, Surat Civil Hospital was established in April 2015 with initiative of former entity Essar Steel. In due course of transition, this has been again started to be managed by AMNS India since January 2021. Since Hemophilia issues are existent in this region this initiative was taken by the establishment to service people of this region with creating a permanent infrastructure and dedicated specialized team.

It is the only kind of hospital in Gujrat State which treats especially Hemophilia cases as it harms lives due to non-clotting of blood. This hospital is providing health service to the patients across Gujrat and Maharashtra with daily average patient load of 40-50 nos. To cite its utility and service coverage from January 2021 it has served 825 cases till date especially population with low-income segment. Out of these 300 patients taking regular treatment at AMNS INDIA Hemophilia Care Centre. Total 192 people of Hemophilia patients treated during the April to June-2022. To cite its utility and service coverage from January 2022 it has served 925 cases till date especially population with low-income segment. Out of these 300 patients taking regular treatment at AMNS INDIA Hemophilia Care Centre. Total 614 people of Hemophilia patients treated during the July to Sep-2022.



2. World Health Day Celebration- General Health & Eye Checkup Camp: -

On 7th April 2022, ArcelorMittal Nippon Steel India Limited Hazira has celebrated World Health Day and organized General Health & Eye Checkup camp for the community at Medical Sub-center mora with the of Government Medical Staff of PHC, Suvali. More than 370 needy people of the nearby community are taken benefits of this camp. President, Taluka Panchayat Chauryasi, Village Panchayat President and members along with local leaders were present in this Program.



We have started EVP- Employee Volunteer Program in Community under CSR Initiatives. We have organized EVP session at DLK Shah Sanjivani High School, Damka Village. We conducted an awareness session with our Employee Volunteer Dr. Deepa Koppad from CNH Team AMNS Hazira. Dr. Deepa Koppad provided Awareness on Thalassemia Disease and provided useful information to the school students. More than 450 students participated and the response from the students is highly appreciated and very encouraging for our upcoming Employee Volunteers for the noble cause. We are continuously expanding the Horizon of EVP with respect to new Volunteers, various age-groups, and Location.



3. Eye Checkup camp for Children: -

AMNS India Hazira organized Eye Health checkup camp at Sanjivani High School, damka village for the school students. Total 407 students of the nearby villages are taken benefits of this camp. We provided Free Eye checkup, Eye Care Guidance and Eyeglasses to the needy students.



4. Support to Government Health Center - Mora: -

AMNS India Hazira extended their support towards the Government Medical Sub-Center Mora and provided 200Ltr Refrigerator for Covid and other regular Medicine Storage. After this support Medical Center able to provide 24x7 hours Medicine to the needy people of the nearby communities. We also provided other medical equipment and surgical materials to the Medical Sub-Center to catering the seasonal disease.



5. Haemophilia Day Celebration Program: -

AMNS India Hazira Celebrated Haemophilia Day on 17th April 2022 with the Haemophilia Patients at Government Civil Hospital, Surat. On this day, we provided awareness and prevention information to the Haemophilia patients with the Help of Government Medical Staffs. On this Occasion AMNS India received an Appreciation Memento by Government Civil Hospital Surat & Haemophilia Society, Surat Chapter towards their contribution for Haemophilia care center. Superintendent of Civil Hospital, Medical Staff of the Hospital, District Panchayat & Surat Municipal Corporation Leaders, NGOs patients, Children patients and other people of the Surat city and AMNS CSR team are participated in this Event. Superintendent of the Civil Hospital Surat specially given big thanks to AMNS India for their support for Haemophilia Care Centre.



6. National Nutrition Week Celebration: -

National Nutrition Week is observed every year from September 1 to September 7 in a bid to raise awareness about the importance of nutrition for the human body and how we can take adequate and timely measures to eradicate hunger and malnourishment. AMNS India Hazira Celebrated National Nutrition Week with the community and organized 5 Nutrition Awareness Session for Pregnant Womens, Adolescent girls and other womens. More than 790 womens of the nearby villages participated in this program.



7. Menstrual Health & Hygiene awareness workshop: -

We organized Menstrual Health & Hygiene awareness workshop for Adolescent girls and rural womens for promotion of menstrual hygiene among adolescent girls in the age group of 10-19 year in rural areas. The major objective of the workshop is to increase awareness among adolescent girls, rural womens on Menstrual Hygiene and usage of sanitary napkins. More than 520 girls and womens were participated in this workshop.



8. Mega Medical Health Check-up Camp: -

AMNS India supported to the Government of Gujarat Health Department and extended support to organize Mega Medical Health check with the help of R. K. HIV Aids and Care Centre. We provided financial assistance/support to social organization towards organizing the health camps. More then 1lakh needy people taking benefits of this camp and treated well.



9. Covid- 19 Awareness & Support to Govt. Health Dept: -

Due to Covid-19 fourth wave started in community, we Conducted total 8 Covid-19 Awareness sessions in Hazira belt villages for villagers. We provided information with the help of local Govt. Health Dept. against the Corona Virus and Covid-19 prevention steps. More than 500 Villagers of Hazira belt was participated in this awareness sessions and we donated Covid-19 Health Equipment like Oximeter, Sanitizer, Masks, Hand Sanitizer & Sanitizer Dispenser machines to the Govt. Medical Centers of the Hazira belt.



10. Eye Checkup camp for Children: -

AMNS India Hazira organized Eye Health checkup camp at Sanjivani High School, damka village for the school students. Total 220 students of the nearby villages are taken benefits of this camp. We provided Free Eye checkup and Eye Health Care Guidance to the needy students.



11. Medical Equipment support to the Government Primary Health Centre: -

We Extended our support for the Improve local health facilities we donated Medical Equipment like 300ltr Ice Lined Fridge Refrigerator to the Primary Health Centre Suwali for the Covid-19 and other Vaccination storage in the hospital.



12. Menstrual Health and Hygiene Awareness Sessions: -

AM/NS India, Hazira organized menstrual health and hygiene awareness workshop for adolescent girls and rural women for promotion of menstrual hygiene among adolescent girls in the age group of 10-19 year in rural areas. The major objective of the workshop is to create awareness among adolescent girls, rural women on menstrual hygiene and usage of sanitary napkins. More than 240 girls and women were participated in this workshop.



B.Education: -

1.Summer Camp for Rural Children: -

AMNS India Hazira organised Summer Camp-2022 in Hazira village for the Children of the nearby villages. where children will develop important life skills for a global world, helping them achieve their future goals. Children will benefit by developing creativity, life skills, good mental & physical health tips and building confidence through a variety of tasks in a futuristic and imaginary context. This will promote critical thinking, communication, and knowledge in the form of language and real-world skills through a task-based learning approach. They also playing different sports games, doing arts and crafts activity, watching motivational stories, and doing many more thing. Total 103 children of the nearby villages are Enrolled in this summer camp.



2. Meritorious Students Felicitation Program 2021-22 : -

AMNS India Hazira organized Felicitation program for Meritorious students of standard 1st to 12th of the Government Primary, Secondary and Higher Secondary schools under the CSR Activity With the objectives Increase their academical performance and Prize Awards and accolades are pivotal in a student's life. Like punishing and correcting a student's fault, recognizing a student's success is also necessary. Even the slightest recognition works as a great motivation for the students and encourages them to work even harder and sincerely. 13 schools of the nearby 8 villages are benefited in this event total 276 students who are getting Top 3 ranks (1st, 2nd and 3rd Rank) in the final exam of the academic year 2021-22 of the mentioned school awarded with Merit Certificate and Prize.

Dr. Dipak Darji District Education Officer and District primary Education officer, Government of Gujarat presented as a chief guest, Mr. Lakshman Iyer Cluster HR Head- AMNS India, Dr. Sangita Mistry- Education Inspector, Mr. Himansu Barot- Education Inspector, Mr. Kiransinh Sindha- Lead CSR AMNS India, Mr. Chetan Patel- Senior Coach- Government of Gujarat also were presented in this event and distributed Merit certificate and Prize awards.

District Education Officer and Education department of Surat appreciated our efforts towards the Education.



3. Infrastructure support to the Government Primary Schools: -

AMNS India Supported to nearby Government Primary School with providing Cup Board. Government Primary School- Hadpati Vas, Mata Fadiya and Main schools are requested to us to donate Cup board for educational use & record keeping. We donated 05nos cub boards to the schools.



4. Infrastructure support to the Nav Jagruti School Hazira: -

AMNS India Supported to the Government Gran In-aid Nav Jagruti Vidyalaya School to providing Infrastructure and other support. We supported to the school with providing Inverter System, Music System, Ceiling Fans and Tube Lights.



5. Education Enhancement Support: -

We are providing continuous support to the Nav-Jagruti Vidhya Vihar for Education Enhancement. School don't have sufficient staff for Education and School students are facing problem in Science, Maths and English subject regarding this we provided Two special teachers to the school, and they extended their services for Science, Maths and English. Teacher conducting Special coaching and remedial classes for weak students and improve their knowledge on mentioned Subject.

AMNS INDIA Lok Vikas Kendra- Hazira provide Computer Educations to the Youths of nearby Villages one Special dedicated Computer Expert Teacher conducting the Computer Theory and Practical Classes.



We also provided Computer setup to Lok Vikas Kendra. 75 boys and girls of the Village are benefit with this setup during the year.

6.Education Enhancement Support: -

We are providing continuous support to the Nav-Jagruti Vidhya Vihar for Education Enhancement. School don't have sufficient staff for Education and School students are facing problem in Science, Math's and English subject regarding this we provided Two special teachers to the school, and they extended their services for Science, Math's and English subjects. Teacher conducting Special coaching and remedial classes for weak students and improve their knowledge on mentioned Subject.

AMNS INDIA Lok Vikas Kendra- Hazira provide Computer Educations to the Youths of nearby Villages one Special dedicated Computer Expert Teacher conducting the Computer Theory and Practical Classes. 75 boys and girls of the school are benefit with this support.



7.Computer Classes at Lok Vikas Kendra: -

Looking to the latest requirement of skill and knowledge, we are providing Free Computer Learning facility for the local Students, Youths, and villagers. In the period of April to Sept -22 101 Students of the Hazira Village are learned at our Lok Vikas Kendra, Hazira.





8.WORLD ENVIRONMENT DAY CELEBRATION– 2022: -

AM/NS India Hazira celebrated World Environment Day-2022 on 5th June 2022 with community under CSR Initiatives. On this special day AMNS India Hazira do Tree Plantation in Community and Schools. We have distributed more than 500 Tree plants to the villagers and 250 Tree planted in community at Damka & Hazira Villages. Villagers, Local Leaders, School staffs, teachers, and students, parents and along with AMNS CSR Team are participated in this occasion and do the tree plantation on this World Environment Day. We also conducted some Environment Awareness sessions in the schools and organised some arts & crafts activity for the youths.



9.Teachers Day Celebration: -

AMNS India Hazira celebrated Teacher's Day at Nav Jagruti Vidyalaya- Hazira. Every year we are celebrating 5th of September month as a Teachers day in all over India. Its aim is to raise awareness about the role of teachers in playing quality education at all levels and to improve the situations of teachers in the world. On this occasion many school students became a teacher for different subjects for the day and teaches to other students in the school. Students became a teacher and got experience in the teacher's job. AMNS India appreciated all the students with the memento and

motivated for the good academical performance. We also felicitate all the teachers at the school with other staff. Students participated in this program with great enthusiasm. After participating in this program, many students decided to become teachers in the future and every student enjoying a lot.



10.School Enrollment drive- 2022-23: -

AMNS India Hazira implemented School Enrollment Drive Project for the year 2022-23 and partnered with the Government of Gujarat under Shala Praveshotsav and Kanya Kelavani Mahotsav to ensure that not a single child of Hazira belt is deprived of Education.

Under this Initiatives, we are celebrating the School Enrolment with students and parents and providing Educational School Kit to all the children and enrolled in 1st standard. This is not only helped to students to motivate children to come to school but also curtails the financial burden on parents to some extent. This project was benefitted more than 350 students from Twelve Government Primary Schools of 10 Villages in Hazira Cluster.

Hon. Shri. Mukeshbhai Z. Patel, State minister for agriculture, energy and Petrochemicals in Gujarat government, Shri. Zankhanaben Patel, MLA Chauryasi presented in this program and distributed Educational Kit to all students and motivated.



11. Infrastructure Support to Nav Jagruti Vidhya Vihar School Hazira: -

AMNS India Hazira Extended their support to the Government Grant-In-Aid school of the Hazira village and completed Water proofing work in School building.



C. Livelihood/Women Empowerment: -

1. Women Empowerment- SHG Formation & Training Program: -

AMNS India Hazira conducted focused group discussion and after that done formation of Self-Help Groups and provided Panch-sutra training to the SHG members. We give training about Regular meetings, Regular savings, Regular inter-loaning, Timely repayment, and up to date the books of accounts. We extended our support and registered all SHG in National Rural Livelihood Mission government scheme. We complete Three SHG formation and provided training to the more than 450 womens of the Mora, Junagam & Damka villages.



2. Income Generation Activity by SHG Womens: -

AMNS India Hazira always supported to rural womens for increasing and creating their Livelihoods through different CSR initiatives. Government of India launched Har Ghar Tiranga Campaign on the occasion of Independence Day regarding this AMNS India supported Self Help Group womens of Hazira belt for making Tiranga for income generation and supported National campaign also. We provided tiranga making training and raw materials to the SHG womens at our Lok Vikas Kendras under the CSR initiatives. Our Women trainee of LVK were given order and delivered more than 1000nos.of flags which added their family income.



3. Women Empowerment- SHG Formation & Training Program: -

AMNS India Hazira conducted focused group discussion and after that done formation of Self-Help Groups and provided Panch-sutra training to the SHG members. We give training about Regular meetings, Regular savings, Regular inter-loaning, Timely repayment, and up to date the books of accounts. We extended our support and registered all SHG in National Rural Livelihood Mission government scheme. We complete Three SHG formation and provided training to the more than 250 womens of the Hazira, Mora, Junagam & Damka villages.



Livelihood / Skill Development Program: -

Every day 95 womens of the nearby Villages taking tailoring training at our four Lok Vikas Kendra, Hazira, Mora, Junagam and Damka village. Women have undergone 06 months tailoring training during the period. They will learn design making on paper, cutting, sewing machine operation etc. After completion of this training, they will be able to work and get regular income.



4.Vermicompost Training: -

We provided Vermicomposting training to the womens. The objective of vermicomposting project is to produce organic manure of exceptional quality for the organically starved soil. Agricultural wastes, wastes from dairy and animal farms are usually dumped into at places resulting in a foul mess. With help of this training womens can be able to make Vermicompost and generate livelihoods.



D. Community Development : -

1.Skill Development- Hazira : -

ArcelorMittal Nippon Steel India Limited Hazira has launched an initiative towards Corporate Social Responsibility for the purposes of implementation of "Imparting Skill Development training to 200 Local youths through the skilling partners of NSDC in the Hazira, Surat. Navjagruti Vidya mandir has been finalized as the centre for the training delivery. The training will be conducted in two sectors viz. IT-ITeS and Telecom sector and the job roles are Data Entry Operator and Customer Care Executive (Telecom Call Center). Two batches of the Data Entry Operator were completed, and 17 candidates were placed for the jobs.



2. International Yoga Day Celebration Program: -

AMNS India Hazira celebrated 8th International Yoga Day at D.L.K. Sanjivani High School, damka village with help of Gujarat State Yoga Board. More than 800 Students and Villagers of the nearby villages participated in this program and doing Yoga. Village president, Dy. President, Local Village Leaders, School Staffs and CSR team of AMNS India were presented in this program.



3. Earth Day Celebration Program: –

AMNS India Celebrated Earth Day on 22nd April 2022 on the theme of Invest in Our Planet—because a green future is a prosperous future. We celebrated Earth Day in nearby Hazira village with the community people and students. We conducted some event on that day with object of create awareness among the Community. We organized Integrate art projects sessions because Art projects are fun way to add a hands-on activity to a lesson about Earth Day. Creating art was also help students feel connected to environmental topics, even if the issues you're studying are happening far away from home. It's also a great way to help them imagine the world they want to live in. students of the Hazira village are making some Art and gain knowledge on this occasion. We also do Tree Plantation in Hazira village with community peoples.



4. Self- defense Training for Women :-

AMNS India Organized Two-day Workshop on Self Defense Training for the rural womens. Expert of the Self Defense Ms. Anjali provided self-defense training to the participants. More than 100 womens of the near by village took participated in the workshop.



5.Employee Volunteer Program- POSH Act- 2013 Awareness Session :-

We have started EVP- Employee Volunteer Program in Community under CSR Initiatives. We have organized first EVP session at Hazira Village at our NSDC Centre. We conducted an awareness session with our Employee Volunteer Mr. Kiransinh Sindha from Team CSR AMNS Hazira. Mr. Kiransinh Sindha provided Training & Awareness on POSH Act-2013 and provided useful information to the 90 participant and the response from the womens is highly appreciated and very encouraging for our upcoming Employee Volunteers for the noble cause. We are continuously expanding the Horizon of EVP with respect to new Volunteers, various age-groups, and Location.



E. Potable Drinking Water/ Infrastructure Support: -

1. Amrut Sarovar Mission- Ponds Deepening work: -

The Prime Minister has launched a new initiative named Mission Amrit Sarovar on 24th April 2022. The Mission is aimed at developing and rejuvenating 75 water bodies in each district of the country as a part of celebration of Azadi ka Amrit Mahotsav. AMNS India partnered with Government of India with an aim to conserve water for the future. AMNS India Hazira has conducted a project for village water harvesting in two villages, one in Junagam (Shivrampur) and the other in Suwali, with the goal of conserving water for the future. Under the Amrut Sarovar Mission, AMNS India conducted pond deepening work in two villages for rural water collection and created 02 ponds. Amrit Sarovar is being built by AMNS India on a 1-acre plot of land with a depth of 2 metres. AMNS India's initiative, villages now have ponds with a capacity of 10,000 cubic metres of water.

Junagam Pond: -

Before



After



1. Water Supply : -

We provided daily 365 days' water supply of 9.5 lac liters to 18,500 community persons ensured in hazira village. water being received from the Gujrat water supply department is being treated in our facility and then supplied to the village, water is being stored in underground sump located in Gram panchayat premise and lifted to overhead tank for supply in different parts of the village, the operation and maintenance of the sump, supply is being managed by Panchayat.



2. Road Development Work: -

We provide our Process Slag to the Villages for the Internal & External Road development of the villages as per need. After this support village got the proper road facilities for the transportation.



F. Infrastructure Support: -

1. Amrut Sarovar Pond Beautification work: -

The Prime Minister has launched a new initiative named Mission Amrit Sarovar on 24th April 2022. The Mission is aimed at developing and rejuvenating 75 water bodies in each district of the country as a part of celebration of Azadi ka Amrit Mahotsav. AMNS India partnered with Government of India with an aim to conserve water for the future. AMNS India Hazira has conducted a project for village water harvesting in two villages, one in Junagam (Shivrampur) and the other in Suwali, with the goal of conserving water for the future. Under the Amrut Sarovar Mission, AMNS India conducted pond deepening work in two villages for rural water collection and created 02 ponds. Amrit Sarovar is being built by AMNS India on a 1-acre plot of land with a depth of 2 metres. AMNS India's initiative, villages now have ponds with a capacity of 10,000 cubic metres of water.

After this support we completed Pond Beautification work at the both Ponds as per Government Guidelines and celebrated Independence day at the both places.



2. Water Supply: -

We provided daily 365 days' water supply of 9.5 lac liters to 18,500 community persons ensured in hazira village. water being received from the Gujrat water supply department is being treated in our facility and then supplied to the village, water is being stored in underground sump located in Gram panchayat premise and lifted to overhead tank for supply in different parts of the village, the operation and maintenance of the sump, supply is being managed by Panchayat.

3. Road Development Work: -

We provide our Process Slag to the Villages for the Internal & External Road development of the villages as per need. After this support village got the proper road facilities for the transportation.



G. Beneficiaries Impacted:

Health	Haemophilia Patients	614
	Awareness Camp	1240
	Health & Eye Check-up	12700
	Medical Equipment Support	1000
	Total	15554
Education	Meritorious Students Felicitation Program	276
	LVK Computer Class	66
	Teachers' day & other program with Students	1550
	Material Support to Schools	1250
	Total	3142
Livelihood/Skill development	Hazira	570
	Junagam	290
	Mora & Damka	320
	Awareness Sessions	790
	Other Villages	650
	Total	2620
Community Development	AMNS Skill Centre & Other	2250
	Total	2250
Infrastructure	Two Ponds Deepening- Junagam & Suwali Village	5000
	Road Development- Damka & Rajgari Village	5000
Potable water	Hazira, Gundardi and Matafaliya / Dewatering pump	19,000
	Total	29,200
Grand Total		52,766/-

Thank you

