



File No: J-11011/44/2004-IA. II (I)

Government of India  
Ministry of Environment, Forest and Climate Change  
IA Division

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Date 08/03/2025



To,

M/s. ARCELORMITTAL NIPPON STEEL INDIA LIMITED  
AMNS HOUSE, AMNS TOWNSHIP, 27 KM, SURAT-HAZIRA ROAD, HAZIRA, GUJARAT -  
394270, Hazira, SURAT, GUJARAT, Existing Steel complex of AM/NS India, 394270  
E-mail: environment@amns.in

**Subject:** Amalgamation of EC of "AMNSI 500 MW Power Plant" with the EC of "Expansion of Integrated Steel Plant of ArcelorMittal Nippon Steel India Limited, from 9.6 to 15.6 MTPA (Liquid Steel)" and Amendment in EC for Optimisation of Layout & Product Mix Optimisation By Installing 2.5 MTPA Energy Efficient Thin Slab Caster & Rolling Mill under clause 7(ii) of EIA Notification, 2006, by M/s ArcelorMittal Nippon Steel India Limited, located at Hazira in Surat District, Gujarat- Consideration of EC under para 7(ii) of EIA Notification, 2006. - Reg.

Sir/Madam,

This is in reference to your application submitted to MoEF&CC vide proposal number IA/GJ/IND1/488640/2024 dated 10/12/2024 for grant of prior Environmental Clearance (EC) to the proposed project under the provision of the EIA Notification 2006 and as amended thereof.

2. The particulars of the proposal are as below :

(i) EC Identification No.	EC24A1005GJ5354214N
(ii) File No.	J-11011/44/2004-IA. II (I)
(iii) Clearance Type	Fresh EC
(iv) Category	A
(v) Project/Activity Included Schedule No.	3(a) Metallurgical Industries (ferrous and non ferrous),1(d) Thermal Power Plants,1(d) Thermal Power Plants,4(b) Coke oven plants
(vi) Sector	Industrial Projects - 1 Amalgamation of EC of "AMNSI 500 MW" with the EC of "Expansion of Integrated Steel Plant of ArcelorMittal Nippon Steel India Limited, from 9.6 to 15.6 MTPA (Liquid Steel)" at Hazira, Surat District, Gujarat and amendment in EC for Optimization of Layout by Addition of Lands &
(vii) Name of Project	

	Product Mix Optimization by Installing 2.5 MTPA Energy Efficient Thin Slab Caster & Rolling Mill.
<b>(viii) Name of Company/Organization</b>	ARCELORMITTAL NIPPON STEEL INDIA LIMITED
<b>(ix) Location of Project (District, State)</b>	SURAT, GUJARAT
<b>(x) Issuing Authority</b>	MoEF&CC
<b>(xi) Applicability of General Conditions as per EIA Notification, 2006</b>	No

3. The proposed project activity is listed at schedule no. 3(a) Metallurgical Industries (Ferrous and Non-ferrous), 4(b) Coke Oven plants and 1(d) Thermal Power Plants under Category “A” of the schedule of the EIA Notification, 2006 and being appraised at Central Level.

4. The instant proposal is considered in 71st EAC Meeting held during 19th – 20th December, 2024, wherein after detailed deliberations, the committee recommended the proposal for grant of Environment Clearance under the provisions of EIA Notification, 2006 subject to the stipulation of specific conditions and general conditions. The EAC proceedings of the said meeting can be seen using the following web link: at <https://parivesh.nic.in>.

5. The details of the proposal are as per the EIA/EMP report submitted by the proponent. The salient features of the proposal as presented during the above-mentioned meetings of EAC (Industry 1 Sector) are at **Annexure-II**.

6. The Unit configuration and capacity of the proposed project is at **Annexure-III**.

**7. Justification for applying under the provisions of para 7(ii) of EIA Notification, 2006:**

*PP has requested EAC to consider the proposal under the applicable clause No.8 of the Office Memorandum dated 11.04.2022 which states “The projects that do not qualify with the above requirement shall continue to be considered on a case-to-case basis by the concerned EAC/SEAC as per the provisions of Para 7(ii) (a) who will decide whether Environment impact assessment and Public consultations need to be carried out”. PP has submitted the following justification for appraisal of proposal under para 7(ii) as per OM dated 11.04.2024 (Clause 8) and for exemption of PH:*

**a) Technical consideration:**

- AMNSI has proposed to add 7.18 Ha recently regularized forest land along with the amalgamation of recently acquired 500MW Captive Power Plant (Formerly - Essar Power Ltd.). These areas were inherent part of Hazira Steel Complex with earlier management which are now regularized by AMNSI. These were not left out by AMNSI intentionally.
- Addition of these areas will improve the plant layout which in turn enable better Process Safety, Energy Optimization and Sustainable Operation & Maintenance.
- There is no negative impact on the overall landscape (having same old boundaries) as well no change in the land use pattern.
- There is no increase in overall Production as well as no impact on Environment due to this amendment.
- This amendment will provide flexibility in producing the niche grade steels which will strengthen the nation towards “Atmanirbhar” by substituting the imports.

**b) Social Consideration:**

- Public consultation (PH) for the ongoing expansion project was carried out on 18.07.2022. As on date, PP has addressed most of the points raised during the PH and are constantly working towards its completion.
- This proposed amendment is the continuation of the same ongoing expansion for which Public Consultation was already conducted.
- Moreover, PP is undertaking increase of CER outlay by Rs.14.5 Crores in addition to the committed CER in 2022. This additional CER will further strengthen the initiatives undertaken.
- Since there is no increase in the production, nor deterioration in the environmental conditions, there is no adverse

impact on the surroundings with this amendment.

· This amendment will rather have positive impact by generating higher employment thereby further improving the socio-economic status of this region.

7. The EAC, in its 71st EAC Meeting held during 19th – 20th December, 2024, inter-alia, deliberated the following:

i. PP has submitted the instant proposal for - Amalgamation of EC granted for “AMNSI 500 MW Power Plant” with the EC of “Expansion of Integrated Steel Plant of ArcelorMittal Nippon Steel India Limited, from 9.6 to 15.6 MTPA (Liquid Steel)” and ‘Amendment in EC for Optimisation of Layout & Product Mix by Installing 2.5 MTPA Energy Efficient Thin Slab Caster & Rolling Mill without increase in the production capacities’. The proposal made by the PP under para 7(ii) of EIA Notification, 2006 as detailed below:

**Proposed project involves modernization/ change of product mix  
without increase in production capacity**

S. No.	Type of Change	Category	Applicability/Request
1	Merger of 500 MW CCPP EC with existing 15.6 MTPA steel plant EC	EC Amalgamation	<ul style="list-style-type: none"> <li>• EC amendment</li> <li>• No fresh baseline monitoring &amp; No PH</li> <li>• Addendum to EIA and EMP required</li> </ul>
2	Layout changes (inclusion of regularized Forest land and relocation of units permitted in existing EC dated 03.10.2022)	EC Amendment*	<ul style="list-style-type: none"> <li>• Clause 7(ii)c of EIA Notification 2006</li> <li>• No fresh baseline monitoring &amp; No PH</li> <li>• Addendum to EIA and EMP required</li> </ul>
3	Addition of Energy efficient Product Mill (Thin Slab Caster & Rolling Mill with associated auxiliaries) without increase in Production capacity within the existing site area with marginal increase in pollution load	Product Mix	<ul style="list-style-type: none"> <li>• Clause 7(ii)a of EIA Notification 2006</li> <li>• Fresh baseline monitoring</li> <li>• As there is no increase in production, PH waiver is requested</li> <li>• Addendum to EIA and EMP submitted.</li> </ul>

• \*Ministry examined the proposal vis-à-vis the provisions of OM dated 11.04.2022, and it is noted that the criteria (w.r.t. addition of land) of Para-4 are not met to become eligible for consideration of per Para -5. Accordingly, the proposal is requested to be considered only under Para – 8 of the referred OM.

1. The Member Secretary submitted that the instant proposal to amalgamate ECs, add forest land and addition of product mill do not qualify as per the criteria in Para-4 of the OM dated 11-04-2022 on consolidated basis. Hence, the procedure mentioned in Para-5 of the OM cannot be applied in this case. However, the OM in its Para-8 clearly mentions as below:

8. The projects that do not qualify with the above requirement shall continue to be considered on a case-to-case basis by the concerned EAC/ SEAC as per the provisions of para 7(ii)(a) who will decide whether Environment Impact Assessment and public consultations need to be carried out.

Hence, EAC is required to deliberate on the technical aspects of the proposal, in line with provisions of the EIA Notification, 2006 based on its merits.

2. PP reported that the justification for applying under the provisions of para 7(ii) of EIA Notification, 2006 includes technical and social considerations. Technically, the proposal involves adding 7.18 hectares of regularized forest land and integrating a recently acquired 500 MW Captive Power Plant into the existing Hazira Steel Complex layout, enhancing safety, energy optimization, and operational sustainability without impacting the environment, landscape, or production levels. Socially, the amendment is part of an ongoing expansion project for which public consultation was conducted in July 2022, with additional Public Hearing Action plan outlay of 14.5 crores committed to further socio-economic initiatives. The proposal is expected to generate employment and support self-reliance (Atmanirbhar Bharat) without any adverse environmental or social impacts. **The EAC deliberated on the justification provided by the Project Proponent for appraisal of instant proposal under para 7(ii) of EIA Notification, 2006 in pursuance to the Ministry’s O.M. dated 11.04.2022 [Clause 8] and found it satisfactory. Further, since PP has requested for exemption of PH and considering the provisions mentioned in the O.M. dated 11.04.2022 [Clause 8], the EAC deliberated in detail the submission of PP based on technical and social consideration as detailed in the relevant para above and agreed to apprise the proposal with exemption of PH in the instant case.**

3. The existing project was accorded the environmental clearance vide no. J-11011/381/2014-IA.II (I) dated 09.03.2016 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 Electric Arc Furnace (EAF) facility with Basic Oxygen Furnace (BOF) facility in the existing integrated steel plant. Meanwhile, M/s. AMNS vide letter No. J-11011/44/2004-IA II(I) dated 08.02.2021 also obtained EC for its modernisation project involving modification in existing plant by installing Auxiliary Facilities without increasing Plant Capacity. Further, the plant was accorded environmental clearance vide lr.no. EC22A008GJ141988 dated 03.10.2022 for expansion of Integrated Steel Plant from 9.6 to 15.6 MTPA (Liquid Steel). Consent to Operate for the existing steel plant was accorded by Gujarat State Pollution Control Board vide CCA-Amendment order no. AWH-131853 dated 24.01.2024. The validity of CTO is up to 31.12.2024. Further, the existing 500 MW CCPP was accorded environmental clearance vide lr no. J-11012/37/93-IA-II dated 17.06.1994. EC transfer letter has been obtained on 07.12.2024 vide EC Identification no. EC24A0602GJ5968839T & File no. J-11012/37/93-IA. II from M/s. Essar Power Limited (EPoL) to M/s. ArcelorMittal Nippon Steel India Limited (Power Division-500 MW CCPP). Consent to Operate for the existing 500 MW CCPP with name change was accorded by Gujarat State Pollution Control Board vide Consent Order no. AWH-136637 dated 28.08.2024. The validity of CTO is up to 07.03.2026.

4. The EAC, constituted under the provision of the EIA Notification, 2006 comprising Expert Members/ domain experts in various fields, examined the proposal submitted by the Project Proponent in desired format along with addendum to the EIA/EMP reports prepared and submitted by the Consultant accredited by the QCI/ NABET on behalf of the Project Proponent.

5. The EAC noted that the Project Proponent has given an undertaking that the data and information given in the application and enclosures are true to the best of his knowledge and belief and no information has been suppressed in the reports. If any part of data/information submitted is found to be false/ misleading at any stage, the project will be rejected and Environmental Clearance given, if any, will be revoked at the risk and cost of the project proponent.

6. The EAC also took into consideration the drone survey of the project site and kml file on the Google Earth presented by the project proponent along with DSS of the project site on PARIVESH and made following deliberations accordingly.

#### **7. Project Proponent's submission on Amalgamation of EC's**

· The plant was accorded environmental clearance vide lr.no. EC22A008GJ141988 dated 03.10.2022 for expansion of Integrated Steel Plant from 9.6 to 15.6 MTPA (Liquid Steel). Also, the existing 500 MW CCPP was accorded environmental clearance vide lr no. J-11012/37/93-IA-II dated 17.06.1994. EC transfer letter has been obtained on 07.12.2024 vide EC Identification no. EC24A0602GJ5968839T & File no. J-11012/37/93-IA. II from M/s. Essar Power Limited (EPoL) to M/s. ArcelorMittal Nippon Steel India Limited (Power Division-500 MW CCPP). The instant proposal involves amalgamation of EC dated 03.10.2022 and EC dated 17.06.1994 [Transfer dated 07.12.2024].

· Undertaking in non-judicial stamp paper by AMNSI (Power Division-500 MW CCPP) is submitted. That undertaking confirmed that AMNSI (Power Division-500MW CCPP) will abide the EC Conditions of the TPP EC issued in the name of EPoL.

· NOC in non-judicial stamp paper for amalgamation of AMNSI (Power Division-500 MW CCPP) with steel division is submitted.

· EC for this Power plant obtained in 1992 along with Steel plant and later separated for power plant in 1994. The power plant is 100 % implemented and has been operating since 1994 with valid Consent to Operate (CTO) from GPCB. The CTO name transfer completed and copy of the same is submitted.

**The EAC suggested that the amalgamated EC shall incorporate all the consolidated details from the ECs of both entities, as provided by the project proponent and as stated in the existing ECs. There shall be no changes or modifications to the terms and conditions of the ECs for both entities, as applicable. The validity for the installation of any unimplemented facilities covered by the ECs, which are still within their validity period, shall be aligned with the existing validity of those corresponding ECs. The PP is also advised to make public the amalgamated environmental clearance granted along with the environmental conditions and safeguards, PH commitments 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.**

8. The PP reported that existing project site area is 824.82 Ha as per EC dated 03.10.2022, which will be increased to 858.25 Ha after proposed change [amalgamation and amendment]. AMNSI has received Stage 2 Forest Clearance and the possession of 7.18 Ha Forest land adjacent to existing forest lands of 65.73 Ha in March 2024. Hence, after addition, total 72.91 Ha Forest will be part of the project area. There will be addition of 26.25 Ha land of 500 MW CPP to the existing project area. Hence after amalgamation and amendment total project site area will be 858.25 Ha.

S. No	Type of Land	Area			Remark
		Existing as per EC dated 03.10.2022	Additional	After Amendment	
1	Non-Forest Land (A)	759.09 Ha.	26.25 Ha.	785.34 Ha.	<ul style="list-style-type: none"> <li>All the existing non forest land are Industrial lands and are already possession with Hazira Steel Complex since 2010. Same has already covered in the earlier ECs.</li> <li>Additional 26.25 Ha is coming from AMNSI Power Division – 500 MW CCPP (Formerly – Essar Power Limited) Land.</li> </ul>
2	Forest Land (B)	65.73 Ha.	7.18 Ha.	72.91 Ha.	Stage II of 7.18 obtained
	<b>Total land</b>	<b>824.82 Ha.</b>	<b>33.43 Ha.</b>	<b>858.25 Ha.</b>	

9. The PP further clarified that total 72.19 Ha Forest land is involved in the project site, 65.73 Ha in existing and 7.18 Ha proposed. The existing 65.73 Ha Forest land details is already mentioned in the existing EC dated 03.10.2022 and the remaining 7.18 Ha Forest land is regularization of forest land which is located adjacent to the existing 65.73 ha Forest land. Possession receipts and Stage II Forest clearance for all the forest land. The EAC deliberated on the same, and mentioned that minimum 50% of the additional forest land (7.18Ha) amalgamated with the existing land of EC shall be maintained as greenbelt.

10. The PP reported that for the proposed project, around 500 nos. of trees are required to be removed to clear the area for the proposed activities. These trees are not coming under Gujarat Tree Felling Act, 1951 and hence, no permission is required from State Forest Department. Though the trees to be removed do not fall under Gujarat tree felling Act, AMNSI is planning for re-forestation of 1:2 times of removed trees i.e. 1,000 nos. of tree plantation in nearby villages in line with AMNSI sustainability practices. The EAC opined that tree felling shall be carried out in consultation with the State Forest Department, as applicable.

11. As reported, there are sensitive areas within the study area of the project site. The EAC is of the opinion that PP shall prepare and strictly implement the environmental safeguard measures to minimise the impact of the project activities on these sensitive areas.

12. PP reported that Tapi river is located at 0.2 km from the project site. However, Hazira AMNSI steel complex is not located in flood plain area of Tapi river and the site is 4.5 mts above the mean sea level (MSL) of Tapi estuary. So far, there is no flood related issues for this site in last 30 years even during cyclone time also. Certificate on Flood Plain by District Collector of Surat is submitted. Further Arabian Sea (1 Km), Tapi Estuary (0.5 Km), Hazira village pond, Suvali village pond, Mora village pond, Junagam village pond, Junagam village pond exists along with other water bodies within the study area of the project site. The EAC also noted PP's submissions that the project falls within the CRZ area. EAC opined that water bodies shall not be disturbed and activities shall be carried out in compliance with the provisions of the CRZ Act, 2011 or CRZ Act, 2019 as may be applicable, with specific clearance from the Competent Authority. Further, the mitigation measures w.r.t. safeguarding the water bodies shall be implemented.

13. PP reported that the project premises were identified with the help of GPS data derived from satellite image, and no Mangrove species were found to be present within the project premises; however, presence of mangrove species has been observed in areas outside the AMNS premises. The species *Avicennia marina* is found to be dominant in these areas. The

EAC opined that PP shall ensure identification and protection of mangroves, including *Avicennia marina*, in consultation with the State Forest Department. PP shall undertake regular monitoring, and undertake mitigation and conservation measures for mangrove protection in consultation with the State Forest Department.

14. The existing water requirement is 2,51,741 m<sup>3</sup>/day (2,37,997 m<sup>3</sup>/day Industrial + 13,744 m<sup>3</sup>/day Domestic) out of which 2,27,438 m<sup>3</sup>/day fresh water requirement is being met through Tapi River. Total water requirement after amalgamation and amendment is estimated as 2,68,923 m<sup>3</sup>/day (255,169 m<sup>3</sup>/day Industrial + 13,754 m<sup>3</sup>/day Domestic), out of which 244,620 m<sup>3</sup>/day of fresh water requirement will also be obtained from Tapi River. The EAC deliberated on the water requirement and is of the opinion that necessary permission shall be obtained from the Competent Authority.

**15. Deliberation on proposed project involving modernization/ change of product mix without increase in production capacity**

- The PP has requested for Amendment in EC for Optimisation of Layout & Product Mix by Installing 2.5 MTPA Energy Efficient Thin Slab Caster & Rolling Mill without increase in the production capacities envisaged under the existing ECs.

- The Committee deliberated on the baseline data and incremental GLC due to the proposed project and noted that w.r.t. baseline data collected in 2021 & 2023, there was a slight reduction in PM10, PM2.5 level. PP also informed that Hazira is a major notified industrial area having major Industries & Ports located in this region. High PM emission may be due to the dust emissions from the major industries operating in Hazira industrial area as well as fugitive emission due to heavy traffic movement. The EAC deliberated on pollution load assessment reported by PP/Consultant along with the action Plan to control PM10 & PM2.5 emission and found it satisfactory. Accordingly, the EAC found it satisfactory to appraise the instant proposal under para 7(ii) of EIA Notification, 2006.

- The Committee also deliberated on the earlier public hearing issues and the status of compliance of action plan submitted by the proponent to address the issues raised during the public hearing along with the additionally proposed action plan for socio-economic development of the area and found it satisfactory.

- Summary of the proposed changes, submitted by PP, under para 7(ii) will be as follows:

<b>Particulars</b>	<b>As per EIA of EC dated 03.10.2022</b>	<b>As per EC granted for 500 MW power plant vide EC dt. 17.06.1994</b>	<b>For proposed change under para 7(ii)</b>	<b>Instant Proposal</b>	<b>% increase</b>
Land, ha	824.82	26.25	7.18	858.25	4.05%
Greenbelt, ha	272.18	8	3.5	283.68	-
Water, m <sup>3</sup> /day	227,438	17,182	0	244,620	7.55
Power, MW	1573	0	0	1573	0
Raw materials, TPA	4,27,50,727	0	0	4,27,50,727	0
Products, Steel Unit	15.6 MTPA	0	0	15.6 MTPA	0

The EAC noted the submission of PP on the changes due to the proposed modernization/ change of product mix without increase in production capacity. Considering the Project Proponent's request for exemption from Public Hearing (PH) and the provisions outlined in the O.M. dated 11.04.2022, the EAC thoroughly reviewed the technical and social considerations submitted by the Proponent, as detailed in relevant para above, and agreed to grant the exemption from PH in the instant case.

16. The EAC also noted the existing green belt has been developed in 168.6 ha area which is about 19.6% of the total project area of 858.25 ha with total sapling of 4,19,809 Trees. Proposed greenbelt will be developed in 115.08 ha which is about 13.4% of the total project area. Thus, total of 283.68 ha area (33.05% of total project area) will be developed as greenbelt. Local and native species will be planted with a density of 2500 trees per hectare. Total no. of 7,09,200 saplings will be planted and nurtured in 283.68 hectares in 2 years (by December 2026). The Proponent assure that the balance

greenbelt will be completed to reach 33% target as well as to cover all the boundary side by Dec'26 once the ongoing project development is completed. Apart from planned 33% greenbelt area within plant premises, under tree plantation and greening drive initiative in nearby villages and school. The EAC deliberated on the greenbelt status and is of the opinion that greenbelt shall be completed as committed.

17. There are total 13 species from study area including 6 bird species, 3 reptiles and 4 mammalian species reported under Schedule-I of Wild life (Protection) Amendment Act, 2022. The PP reported that earlier approved wildlife conservation plan along with initiatives details for Schedule I species is received. In the year 2023, AMNSI has spent Rs.54 lakhs contribution for conservation towards habitat improvement and Awareness programme through Forest Department. The EAC opined that recommendations of the Wildlife Conservation Plan shall be strictly implemented as per the approval in consultation with the State Forest Department.

18. The committee deliberated details of carbon foot prints and carbon sequestration study w.r.t. proposed project and found them to be satisfactory.

19. The Committee deliberated upon the certified compliance report of IRO, MoEFCC along with the ATR and regarding the partially condition submitted to the Regional officer, MoEF&CC, Gandhinagar on 12.11.2024 and is of the opinion that PP shall complete the compliance of partly / non-complied conditions as per the Action Plan submitted with timelines and a report needs to be submitted to the IRO, MoEFCC.

20. Two court cases related to the project are currently ongoing. The first case, a writ petition (PIL) filed by Roshni Patel at the Hon'ble High Court of Gujarat on 1st February 2022, alleges illegal discharge of industrial effluents into the Tapi Estuary in violation of EC and CCA conditions. The case (No. WPPIL/4205/2022) was last heard on 6th December 2024 and is adjourned to 10th January 2025. The second case, an appeal filed by Thakorbbhai Vallabhbbhai Khalasi at the National Green Tribunal (NGT), challenges the environmental clearance granted on 2nd March 2022 for modifications in the existing plant without capacity increase. This case (Appeal No. 27/2022) is scheduled for final hearing on 3rd February 2025. The EAC deliberated in detail on the submissions of PP regarding court cases and is of the opinion that is of the view that a specific condition in this regard needs to be stipulated in the EC letter, as, "This Environmental clearance is granted subject to final outcome of Hon'ble Supreme Court of India, Hon'ble High Court, Hon'ble NGT and any other Court of Law, if any, as may be applicable to this project".

21. The Committee deliberated on the written submission of the project proponent and found it satisfactory.

22. The EAC deliberated on the proposal with due diligence in the process as notified under the provisions of the EIA Notification, 2006, as amended from time to time and accordingly made the recommendations to the proposal. The Experts Members of the EAC found the proposal in order and recommended for grant of environmental clearance. The environmental clearance recommended to the project/activity is strictly under the provisions of the EIA Notification 2006 and its subsequent amendments. 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. The project proponent shall obtain necessary permission as mandated under the Water (Prevention and Control of Pollution) Act, 1974 and the Air (Prevention and Control of Pollution) Act, 1981, as applicable from time to time, from the State Pollution Control Board, prior to construction & operation of the project.

8. The EAC (Industry-1 Sector), in its 70th EAC Meeting held during 71st EAC Meeting held during 19th – 20th December, 2024, based on information & clarifications provided by the project proponent and after detailed deliberations **recommended** the proposal for grant of Environment Clearance subject to stipulation of specific and general EC conditions as detailed in the point below.

9. The MoEF&CC has examined the proposal in accordance with the Environment Impact Assessment (EIA) Notification, 2006 & further amendments thereto and after accepting the recommendations of the Expert Appraisal Committee (Industry-1 Sector) hereby decided to grant **Environment Clearance for instant proposal of M/s ArcelorMittal Nippon Steel India Limited** under the provisions of EIA Notification, 2006 subject to the following specific conditions and general conditions (**Annexure-I**).

10. The Ministry reserves the right to stipulate additional conditions, if found necessary at subsequent stages and the project proponent shall implement all the said conditions in a time bound manner. The Ministry may revoke or suspend the environmental clearance, if implementation of any of the above conditions is not found satisfactory.

11. Concealing factual data or submission of false/fabricated data and failure to comply with any of the conditions mentioned above may result in withdrawal of this clearance and attract action under the provisions of the Environment (Protection) Act, 1986.

12. Any appeal against this environmental 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.

13. The above conditions shall be enforced, inter-alia under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 and the Public Liability Insurance Act, 1991 along with their amendments and Rules and any other orders passed by the Hon'ble Supreme Court of India / High Courts and any other Court of Law relating to the subject matter.

14. This issues with approval of the competent authority.

(Dinesh Runiwal)  
Scientist 'F'/Director  
Tel: 011-20819346  
E-mail: d.runiwal@gov.in

#### **Copy To**

1. The Principal Secretary, Forests & Environment Department, Government of Gujarat, Sachivalaya, Gandhinagar - 382 010. Gujarat.
2. The Deputy Director General of Forests (C), Ministry of Environment, Forest and Climate Change, Regional Office, Gandhi Nagar A wing- 407 & 409, Aranya Bhawan, Near CH-3 Circle, Sector-10A, Gandhi Nagar-382010
3. The Chairman, Central Pollution Control Board, Parivesh Bhawan, CBD-cum-Office Complex, East Arjun Nagar, Delhi-110032.
4. The Chief Wildlife Warden, Forests & Environment Department, Government of Gujarat, A/1, Aranya Bhavan, Opp. St. Xaviers School, Near Ch-3 Circle, Sector -10, Gandhinagar.
5. The Chairman, Gujarat Pollution Control Board Paryavaran Bhavan, Sector-10A, Gandhinagar-382010.
6. The Member Secretary, Central Ground Water Authority, A-2, W3, Curzon Road Barracks, K.G. Marg, New Delhi-110001.
7. The District Collector, Collector Office, 1st Floor, Jilla Seva Sadan, Saru Section Road, Jamnagar – 361002.
8. Monitoring Cell, Ministry of Environment, Forest and Climate Change, Indira Paryavaran Bhawan, Jor Bagh Road, New Delhi.
9. Guard File/Monitoring File/Website/Record File/Parivesh Portal.

#### **Annexure 1**

#### **Specific EC Conditions for (Metallurgical Industries (Ferrous And Non Ferrous))**

#### **1. Specific**

<b>S. No</b>	<b>EC Conditions</b>
<b>1.1</b>	This Environmental clearance is granted subject to final outcome of Hon'ble Supreme Court of India, Hon'ble High Court, Hon'ble NGT and any other Court of Law, if any, as may be applicable



S. No	EC Conditions
	to this project. Project proponent shall abide by all the orders and judicial pronouncements, made from time to time, passed by Hon'ble Court.
1.2	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.
1.3	The PP shall comply with all the environmental protection measures and safeguards proposed in the documents submitted to the Ministry. All the recommendations made in the EIA/EMP in respect of environmental management, and risk mitigation measures relating to the project shall be implemented.
1.4	The project proponent shall utilize modern technologies for capturing carbon emission and shall also develop adequate carbon sink/ carbon sequestration resources with an aim to meet the carbon neutrality mission in a time bound manner. The implementation report shall be submitted to the IRO, MoEF&CC in this regard.
1.5	Project Proponent shall strictly comply with the conditions observed as partially / non complied by the IRO, MoEF&CC in the CCR as per the submitted action plan and timelines and compliance status in this regard, shall be submitted to concerned Regional Office of the MoEF&CC.
1.6	No construction activity/infringement will take place in the flood plain of the Tapi river situated in the vicinity of the project site.
1.7	As reported, there are sensitive areas within the study area of the project site. Proponent shall take appropriate environmental safeguard measures to minimise the impact on the habitation of the locals. The project proponent needs to strengthen green belt all around the plant area to reduce the dust pollution. The PP shall also include some of these locations in its environmental monitoring programme.
1.8	Tree felling shall be limited to bare minimum. Transplantation shall be carried out to the maximum possible inside the boundary in addition to greenbelt development proposed in consultation to local forest department for suitable technical equipment and expertise. Tree Felling shall only be undertaken after obtaining necessary statutory permission, as applicable. Compensatory afforestation shall be undertaken as per the directives of the Forest Department. PP shall develop at least 50% of the land area that has been transferred under Forest clearance with thick dense, biodiverse native species and the rest area may be utilised for other purposes by December, 2026.
1.9	In view of the presence of Arabian Sea and Tapi Estuary in the vicinity/ adjacent to the project site, along with Hazira village pond, Suvali village pond, Mora village pond, Junagam village pond, Junagam village pond and other water bodies within the study area of the project site, EAC opined that PP may ensure that it possesses necessary clearances, including CRZ clearance, from the Competent Authority. A robust and full proof Drainage Conservation scheme to protect the natural drainage and its flow parameters; along with Soil conservation scheme and multiple Erosion control measures shall also be implemented.
1.10	Solid waste utilization a. Maximum 90 days of slag storage area shall be permitted inside the plant.

S. No	EC Conditions
	<p>b. PP shall install a slag crusher to convert steel slag into aggregate for use in construction industry, fine sand for use as flux in steel plant, sand in brick making and as lime in cement making.</p> <p>c. PP shall recycle/reuse 100 % solid waste generated in the plant.</p> <p>d. Carbon recovery plant to recover the elemental carbon present in GCP slurries for use in Sinter plant shall be installed.</p> <p>e. Used refractories shall be recycled as far as possible.</p>
1.11	<p>Sinter Plant</p> <p>a. Sinter cooler waste recovery system to generate process steam or power shall be implemented within 3 years.</p> <p>b. Equipped with MEROS technology to reduce emission of SO<sub>2</sub>, NO<sub>x</sub> and heavy metals.</p>
1.12	<p>Coke Oven Plant</p> <p>a. Coke Dry Quenching (CDQ) shall be installed along with a modified wet quenching tower as a standby.</p> <p>b. Coke Oven Gas shall be desulfurized.</p> <p>c. Tar sludge shall be mixed with coal and reused.</p> <p>d. Sulphur recovery and ammonia cracker shall be installed in Coke Oven Plant.</p>
1.13	<p>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.</p>
1.14	<p>BF shall be equipped with Top Recovery Turbine, dry gas cleaning plant, stove waste heat recovery, cast house and stock house ventilation system and slag granulation facility.</p>
1.15	<p>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.</p>
1.16	<p>Basic Oxygen Furnace (BOF) gas shall be cleaned dry. Dry type Gas cleaning type with TRT as proposed under the expansion shall be implemented.</p>
1.17	<p>Waste Heat Recovery system for charge preheating shall be included for 65 T Electric Arc Furnace.</p>
1.18	<p>Submerged Arc Furnace and Electric Arc Furnace shall be closed type with 4th hole extraction system.</p>
1.19	<p>Acid Recovery Plant (ARP) and acid fume scrubber in stack emission shall be less than 10 mg/Nm<sup>3</sup> HCl.</p>
1.20	<p>Hot Rolled Coil (HRC) production shall be done through hot charging minimum 65% and for billets hot charging shall be minimum 85%. Remaining shall be done through reheat furnace operating on natural gas/ Corex gas.</p>
1.21	<p>Cold Rolling Mill (CRM), color coating and galvanizing plants shall have CETP to treat and recycle the treated water from CRM complex. Sludge generated at CRM ETP shall be sent to TSDF.</p>

S. No	EC Conditions
1.22	The Oil scum and oily waste from CRM shall be sent to registered recyclers for oil recovery and incineration.
1.23	Dust emission from Steel Plant stacks shall not exceed 30 mg/Nm <sup>3</sup> .
1.24	Water requirement is 2,68,923 m <sup>3</sup> /day (255,169 m <sup>3</sup> /day Industrial + 13,754 m <sup>3</sup> /day Domestic), out of which 244,620 m <sup>3</sup> /day of fresh water requirement shall be obtained from Tapi River after obtaining necessary permission shall be obtained from the Competent Authority. Ground water abstraction is not permitted.
1.25	As proposed, Project proponent shall explore the possibility to use 75000 KLD treated sewage water from Surat Municipal Corporation to be pumped from Surat to Hazira. Scheme for treated sewage water pumping shall be implemented as submitted in EIA/EMP Report to reduce the water withdrawal from Tapi River.
1.26	Zero Liquid Discharge (ZLD) scheme for the entire complex shall be implemented by March, 2023. ETP shall be installed and there shall be no discharge of effluent from the plant. Domestic waste water shall be treated in STP and treated water shall be re-used for greenbelt development and plantation and dust suppression. Sludge disposal plan shall be implemented as submitted in EIA/EMP Report.
1.27	The raw material handling shall be carried out in coordination with AMNS Ports Hazira Ltd (APHL) (sister concern of AMNSI) located adjacent to the existing steel complex, and the liability of meeting prescribed measures and standards shall lie with AMNSI.
1.28	Performance test shall be conducted on all pollution control systems every year and report shall be submitted to Regional Office of the MoEF&CC.
1.29	Parking area for trucks/dumpers shall be provided within the steel plant. No truck/dumper shall be parked outside the steel plant premises.
1.30	A proper action plan must be implemented to dispose of the electronic waste generated in the industry.
1.31	Three tier Green Belt shall be maintained in at least 33% of the project area, as committed within a period of 2 years, along the project site of adequate width and tree density shall not be less than 2500 per ha. Survival rate of green belt developed shall be monitored on periodic basis to ensure that damaged plants are replaced with new plants in the subsequent years. PP shall also develop greenbelt in the form of shelter belt comprising of total of 6 rows of 2x2 m plantation with tall trees & broad leaves with thick canopy along with windshield inside the plant premises to act as green barrier for air pollution & noise levels towards sensitive areas nearby project site. Compliance status in this regard, shall be submitted to concerned Regional Office of the MoEF&CC.
1.32	Greening and Paving shall be implemented in the plant area to arrest soil erosion and dust pollution from exposed soil surface.
1.33	All stockyards shall be having impervious flooring and shall be equipped with water spray system for dust suppression. Stock yards shall also have provision of garland drains and catch pits to trap run off material. Action plan submitted in the EIA/EMP Report shall be strictly implemented.

S. No	EC Conditions
1.34	No parking on road side for any vehicle pertaining to the plant. Proper arrangement for vehicle parking within the plant will be made.
1.35	Cyclone / disaster management shall be duly implemented as submitted in the EIA report.
1.36	There is sparse mangrove vegetation. As a CER activity, AMNS shall put full efforts in conserving and improving the mangroves in consultation with District Forest Department. PP shall ensure protection of mangroves, including <i>Avicennia marina</i> , identified outside the project premises. Regular monitoring and conservation measures shall be undertaken. Any disturbance shall be mitigated in consultation with the State Forest Department.
1.37	All the commitments made to the public during the Public Hearing/Public Consultation shall be satisfactorily implemented. The action plan based on the social impact assessment study of the project as per the EMP in accordance to the Ministry's OM dated 30.09.2020 shall be strictly implemented and progress shall be submitted to the Regional Office of MoEF&CC.
1.38	As committed, PP shall adopt nearby 8 villages namely Hazira, Junagam, Mora, Damka, Vansva, Rajgari, Suwali & Bhatlai Villages and develop them into model villages in next 5 years. PP shall spend additional INR 14.5 Crores in addition to the committed CER in 2022. PP shall allocate sufficient budget and implement expenditure commensurate to the project cost and keeping in view its Corporate Environmental responsibility. PP shall spend this amount for promoting Renewable Energy schemes and shall explore setting up of a training institute related to Energy Transition from Fossil based fuels to Renewable Energy, as envisaged in the GoI "Panchamrit" declaration on Decarbonisation, in the nearby town/s for imparting capacity building to the unemployed youth and other stake holders.
1.39	The recommendations of the approved Site-Specific Conservation Plan / Wildlife Management Plan shall be implemented in consultation with the State Forest Department. The implementation report shall be furnished along with the six-monthly compliance report to the concerned Regional Office of the MoEF&CC.
1.40	The Plastic Waste Management Rules 2016, inter-alia, mandated banning of identified Single Use Plastic (SUP) items with effect from 01/07/2022. In this regard, CPCB has issued a direction to all the State Pollution Control Boards (SPCBs)/Pollution Control Committees (PCCs) on 30/06/2022 to ensure the compliance of Notification published by Ministry on 12/08/2021. The technical guidelines issued by the CPCB in this regard is available at <a href="https://cpcb.nic.in/technical-guidelines-3/">https://cpcb.nic.in/technical-guidelines-3/</a> . All the project proponents are hereby requested to sensitize and create awareness among people working within the Project area as well as its surrounding area on the ban of SUP in order to ensure the compliance of Notification published by this Ministry on 12/08/2021. A report, along with photographs, on the measures taken shall also be included in the six monthly compliance report being submitted by the project proponents.
1.41	The project proponent shall adopt the Clean Air practices like mechanical collectors, wet scrubbers, fabric filters (bag houses), electrostatic precipitators, combustion systems (thermal oxidizers), condensers, absorbers, adsorbers, and biological degradation. Controlling emissions related to transportation shall include emission controls on vehicles as well as use of cleaner fuels. Sufficient numbers of additional truck mounted Fog/Mist water cannons shall be procured and operated regularly inside the project premises and also in the surrounding villages to arrest suspended dust in the atmosphere.

S. No	EC Conditions
1.42	The PP shall undertake plantation, in compliance to MoEFCC OM dated 24.07.2024, in the earmarked 33% greenbelt area as a part of tree plantation campaign 'Ek Ped Maa Ke Naam' Campaign and the details of the same shall be uploaded on MeriLiFE portal at ( <a href="https://merilife.nic.in">https://merilife.nic.in</a> )
1.43	During operational phase at Captive Power Plant, Action Plan to monitor coke/coal dust exposures in different process plants using personal and area air samplers and to compare with permissible limits as per Indian Factories Act, 1948 shall be implemented.
1.44	The coal dust should be monitored at coal unloading, crushing, furnace areas and should be within 2 mg/m <sup>3</sup> , respirable dust fraction containing less than 5% quartz as per Indian Factories Act, 1948.
1.45	Air Cooled condensers shall be used in the captive power plant.
1.46	PP shall identify extreme hot areas through heat stress survey as well as noise monitoring within process plants to ensure that workers not exposed above 90 dBA levels as per Factories Act, 1948.
1.47	The Amalgamated EC will carry all the consolidated details from the ECs of both entities, as stated in the existing ECs. There shall be no changes or modifications to the terms and conditions of the ECs for both entities, as applicable.
1.48	The validity for the installation of any unimplemented facilities covered by the respective ECs shall be governed in line with the date of issuance of the original EC for that facility.
1.49	The PP is also advised to make public the amalgamated environmental clearance granted along with the environmental conditions and safeguards, PH commitments 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.
1.50	The project authorities must strictly adhere to the stipulations made by Gujarat Pollution Control Board.
1.51	Any expansion of the plant or change in configuration can be taken up only with the prior approval of the ministry.
1.52	Sulphur content in NGL and naphtha to be used as feed stock for the power Plant should be maintained in line with the prevailing norms
1.53	Low NO <sub>x</sub> burners to avoid excessive formulation of NO <sub>x</sub> should be provided. At no time, the emission of NO <sub>x</sub> should be permitted to go beyond the prescribed standards.
1.54	Fugitive emission of the hydrocarbon from the storage tanks etc. should be minimized by adopting necessary measures.
1.55	Adequate measures for the control of noise should be taken in line with the extant regulations. Persons working near the noisy machine in the different units, blowers, compressors etc. should be provided with well-designed ear muff/ plugs, besides, measures should be taken to reduce the noise by engineering methods.

S. No	EC Conditions
1.56	Quantity risk analysis report and emergency preparedness plans as required under Rules 13 and 14 of the Manufacture Storage & Import Of Hazardous Chemical Rules, 1989 be prepared, updated and implemented
1.57	The project authorities on its part would fulfill the obligations if any, in respect of the carrying capacity study and comply with such recommendations arising out of the study that may relate to the project and which the state or central govt. may direct implementation of with or without modification.
1.58	The project authorities should furnish information on the following aspects to the concerned Regional Office along with half yearly self-compliance report: a. Annual Report on Impact 500 MW power plant on the ambient air quality b. Measures to be taken to avoid depletion of dissolved oxygen in the treated waste water as phosphate and hydrazine / morpholine dosing is proposed to prevent scale formation. c. Complete details of storage facilities to be created for NGL/ naphtha etc. d. Sourcing and availability of water at intake points (Kakrapar dam / ground water etc.) along with total water balance for the steel plant as well as proposed power plant.
1.59	PP shall ensure that Forest Clearance (Stage-II) is obtained in respect of total forest land associated with the instant proposal, and no work shall be initiated on ground without such approval.

**Standard EC Conditions for (Metallurgical Industries (ferrous and non ferrous))**

**1. Statutory Compliance**

S. No	EC Conditions
1.1	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.
1.2	This Environmental clearance is granted subject to final outcome of Hon'ble Supreme Court of India, Hon'ble High Court, Hon'ble NGT and any other Court of Law, if any, as may be applicable to this project.

**2. Air Quality Monitoring And Preservation**

S. No	EC Conditions
2.1	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 (CAAQMS) 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.

S. No	EC Conditions
2.2	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.
2.3	Sampling facility at process stacks and at quenching towers shall be provided as per CPCB guidelines for manual monitoring of emissions.
2.4	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.
2.5	The project proponent shall provide leakage detection and mechanized bag cleaning facilities for better maintenance of bags.
2.6	Sufficient number of mobile or stationery vacuum cleaners shall be provided to clean plant roads, shop floors, roofs, regularly.
2.7	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.
2.8	The project proponent use leak proof trucks/dumpers carrying coal and other raw materials and cover them with tarpaulin.
2.9	The project proponent shall provide primary and secondary fume extraction system at all heat treatment furnaces.
2.10	Wind shelter fence and chemical spraying shall be provided on the raw material stock piles.
2.11	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).
2.12	Land-based APC system shall be installed to control coke pushing emissions.
2.13	Monitor CO, HC and O2 in flue gases of the coke oven battery to detect combustion efficiency and cross leakages in the combustion chamber.
2.14	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.
2.15	Design the ventilation system for adequate air changes as per prevailing norms for all tunnels, motor houses, Oil Cellars.

### 3. Water Quality Monitoring And Preservation

S. No	EC Conditions
3.1	The project proponent shall install 24x7 continuous effluent monitoring system with respect to standards prescribed in Environment (Protection) Rules 1986 as amended from time to time and

S. No	EC Conditions
	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.
3.2	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.
3.3	Sewage Treatment Plant shall be provided for treatment of domestic wastewater to meet the prescribed standards.
3.4	Garland drains and collection pits shall be provided for each stock pile to arrest the run-off in the event of heavy rains and to check the water pollution due to surface run off.
3.5	Tyre washing facilities shall be provided at the entrance of the plant gates.
3.6	Water meters shall be provided at the inlet to all unit processes in the steel plants.

#### 4. Noise Monitoring And Prevention

S. No	EC Conditions
4.1	Noise pollution shall be monitored as per the prescribed Noise Pollution (Regulation and Control) Rules, 2000 and amendments thereof, and report in this regard shall be submitted to Regional Officer of the Ministry as a part of six-monthly compliance report.

#### 5. Energy Conservation Measures

S. No	EC Conditions
5.1	Use torpedo ladle for hot metal transfer as far as possible. If ladles not used, provide covers for open top ladles.
5.2	Restrict Gas flaring to < 1%.
5.3	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;
5.4	Provide LED lights in their offices and residential areas.

#### 6. Energy Conservation Measures In Case Of Reheating Furnace

S. No	EC Conditions
6.1	Ensure installation of regenerative/recuperative type burners on all reheating furnaces.

#### 7. Waste Management



S. No	EC Conditions
7.1	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.
7.2	Kitchen waste shall be composted or converted to biogas for further use.

## 8. Green Belt

S. No	EC Conditions
8.1	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.
8.2	Project proponent shall submit a study report on Decarbonisation program, which would essentially consist of company's carbon emissions, carbon budgeting/ balancing, carbon sequestration activities and carbon capture, use and storage and offsetting strategies. Further, the report shall also contain time bound action plan to reduce its carbon intensity of its operations and supply chains, energy transition pathway from fossil fuels to Renewable energy etc. All these activities/ assessments should be measurable and monitor able with defined time frames.

## 9. Public Hearing And Human Health Issues

S. No	EC Conditions
9.1	Emergency preparedness plan based on the Hazard identification and Risk Assessment (HIRA) and Disaster Management Plan shall be implemented.
9.2	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.
9.3	Occupational health surveillance of the workers shall be done on a regular basis and records maintained.
9.4	The Unit is using quartzite, coal and coke. Therefore, the industry is recommended to measure silica and coal dust exposures using personal and area air samplers in process plants and to be compared with Permissible exposure limits as per Indian Factories Act, 1948. Report to be submitted to the IRO, MoEFCC.

## 10. Environment Management

S. No	EC Conditions
10.1	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. As part of Corporate Environment Responsibility (CER) activity, company shall adopt nearby villages based on the socio-economic survey and undertake community developmental activities in consultation with the village Panchayat and the District Administration as committed.
10.2	The company shall have a well laid down environmental policy duly approve by the Board of

S. No	EC Conditions
	Directors. The environmental policy should prescribe for standard operating procedures to have proper checks and balances and to bring into focus any infringements/deviation/violation of the environmental / forest / wildlife norms / conditions. The company shall have defined system of reporting infringements / deviation / violation of the environmental / forest / wildlife norms / conditions and / or shareholders / stake holders. The copy of the board resolution in this regard shall be submitted to the MoEF&CC as a part of six-monthly report.
10.3	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.

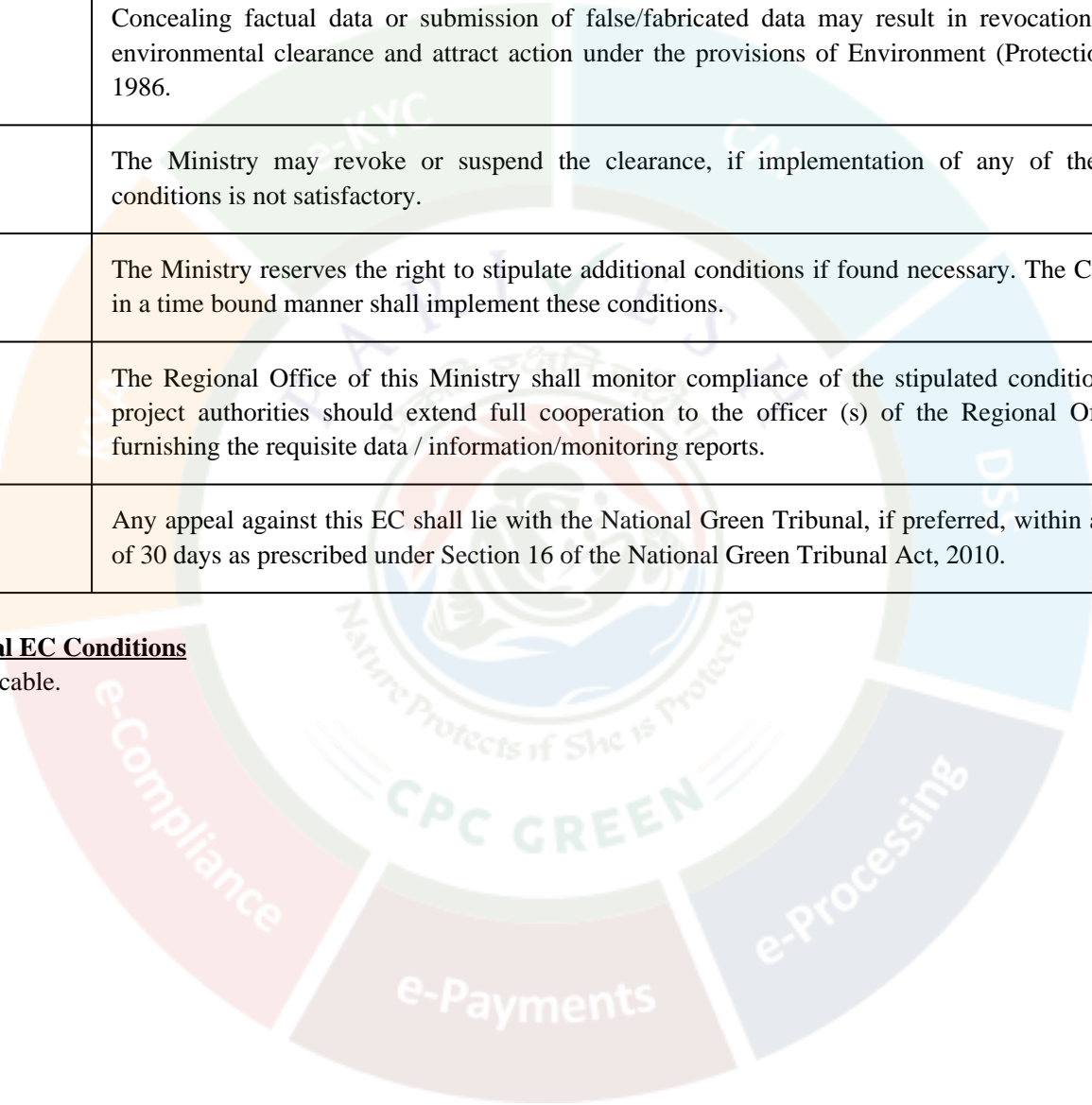
### 11. Miscellaneous

S. No	EC Conditions
11.1	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.
11.2	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.
11.3	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.
11.4	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.
11.5	The project proponent shall submit six-monthly reports on the status of the compliance of the stipulated environmental conditions on the website of the ministry of Environment, Forest and Climate Change at environment clearance portal.
11.6	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.
11.7	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.
11.8	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.

S. No	EC Conditions
11.9	The PP shall put all the environment related expenditure, expenditure related to Action Plan on the PH issues, and other commitments made in the EIA/EMP Report etc. in the company web site for the information to public/public domain. The PP shall also put the information on the left over funds allocated to EMP and PH as committed in the earlier ECs and shall be carried out and spent in next three years, in the company web site for the information to public/public domain.
11.10	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).
11.11	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.
11.12	The Ministry may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.
11.13	The Ministry reserves the right to stipulate additional conditions if found necessary. The Company in a time bound manner shall implement these conditions.
11.14	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.
11.15	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.

**Additional EC Conditions**

Not Applicable.

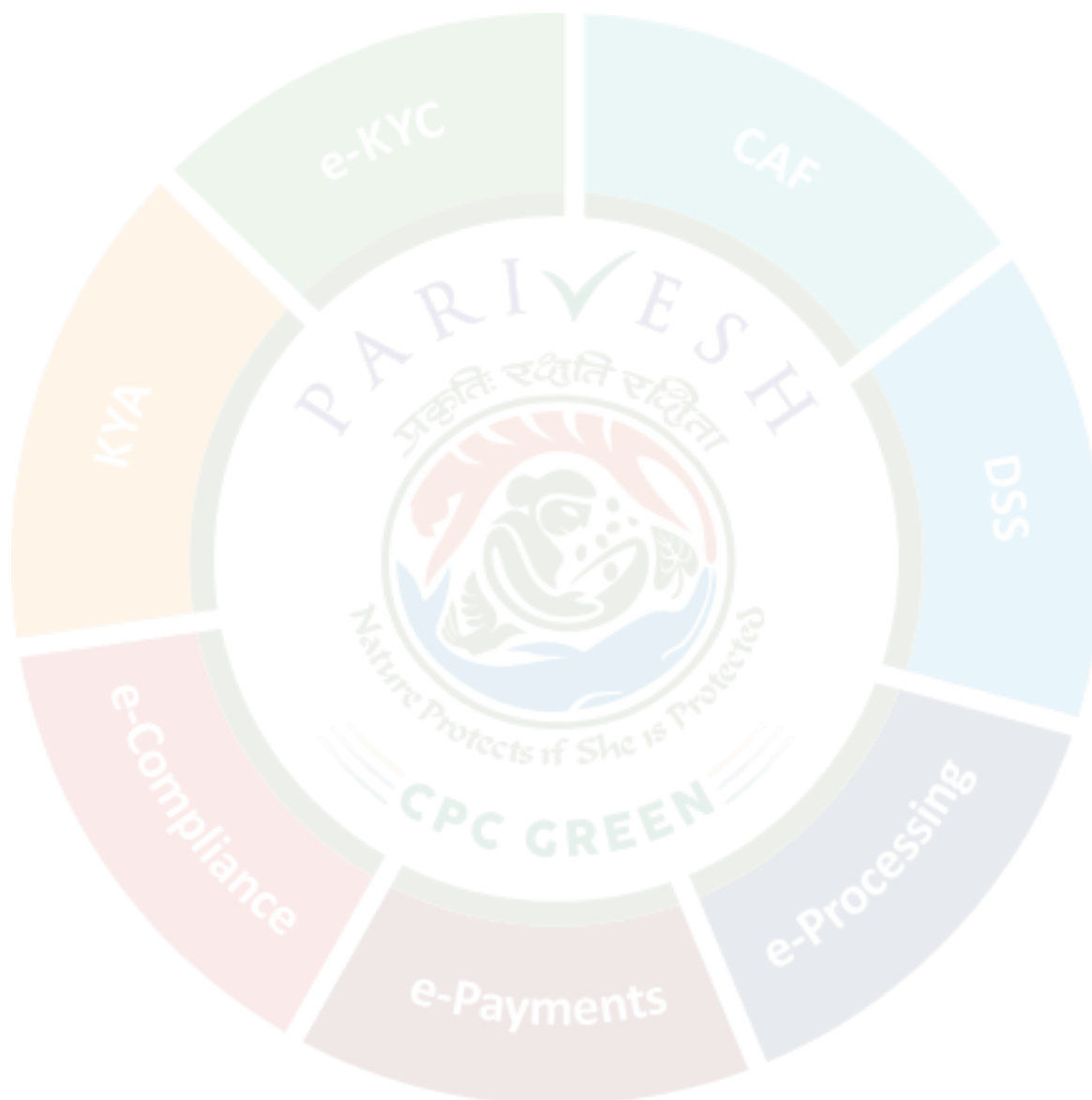


## Details of the proposal are as per the EIA/EMP report

Sl. No.	Particulars	Details			Remarks
1	Total land	858.25 Ha. (Private: 785.35 Ha., Forest 72.19)			Land Use: Industrial
2	Land acquisition details as per MoEF&CC O.M. dated 7/10/2014	Total 858.25 Ha. area is in possession of AMNSI [26.25 (From AMNSI Power Division-500 MW CCPP) area is due to amalgamation and 7.18 Ha. (For Regularized-Stage II clearance obtained from Forest Department)			-
3.	Existence of habitation & involvement of R&R, if any.	Nil and hence no R&R is involved			R&R is not required
4.	Latitude and Longitude of all corners of the project site.	<b>Point</b>	<b>Latitude</b>	<b>Longitude</b>	DSS
		1	21° 8'9.68"N	72°39'11.19"E	
		2	21° 8'9.35"N	72°39'13.33"E	
		3	21° 8'10.48"N	72°39'14.41"E	
		4	21° 8'8.13"N	72°39'17.08"E	
		5	21° 8'10.69"N	72°39'20.84"E	
		6	21° 8'3.24"N	72°39'28.19"E	
		7	21° 8'2.72"N	72°39'30.79"E	
		8	21° 7'3.13"N	72°39'17.98"E	
		9	21° 7'1.20"N	72°39'28.66"E	
		10	21° 6'55.64"N	72°39'34.20"E	
		11	21° 6'42.96"N	72°39'35.28"E	
		12	21° 6'34.89"N	72°39'35.96"E	
		13	21° 6'28.15"N	72°39'34.17"E	
		14	21° 6'27.69"N	72°39'36.12"E	
		15	21° 5'48.56"N	72°39'25.32"E	
		16	21° 5'53.05"N	72°39'1.77"E	
		17	21° 6'1.03"N	72°39'3.44"E	
		18	21° 6'0.90"N	72°38'55.17"E	
		19	21° 6'6.02"N	72°38'55.95"E	
		20	21° 6'5.41"N	72°38'53.75"E	
		21	21° 6'8.85"N	72°38'51.56"E	
		22	21° 6'13.55"N	72°38'25.72"E	
		23	21° 6'10.85"N	72°38'27.55"E	
		24	21° 6'8.34"N	72°38'25.47"E	
		25	21° 6'10.68"N	72°38'23.68"E	
		26	21° 6'9.13"N	72°38'20.92"E	
		27	21° 6'12.14"N	72°38'17.95"E	
		28	21° 6'9.69"N	72°38'14.10"E	
		29	21° 6'6.45"N	72°38'18.51"E	
		30	21° 6'3.41"N	72°38'17.18"E	
31	21° 6'4.54"N	72°38'12.51"E			

Sl. No.	Particulars	Details			Remarks																					
		32	21° 6'4.14"N	72°38'9.73"E																						
		33	21° 6'1.70"N	72°38'7.69"E																						
		34	21° 6'0.56"N	72°38'5.38"E																						
		35	21° 6'4.22"N	72°38'2.17"E																						
		36	21° 6'5.36"N	72°38'1.15"E																						
		37	21° 6'9.66"N	72°37'39.33"E																						
		38	21° 6'15.98"N	72°37'38.41"E																						
		39	21° 7'6.38"N	72°37'49.03"E																						
		40	21° 7'11.04"N	72°38'4.94"E																						
		41	21° 7'14.04"N	72°38'12.08"E																						
		42	21° 7'32.01"N	72°38'43.92"E																						
		43	21° 8'30.46"N	72°39'22.76"E																						
		44	21° 8'43.89"N	72°39'32.65"E																						
		45	21° 8'45.20"N	72°39'37.66"E																						
		46	21° 8'44.39"N	72°39'38.17"E																						
		47	21° 8'25.44"N	72°39'34.17"E																						
5	Elevation of the project site	4-6 m above mean sea level.																								
6	Involvement of Forest land, if any	<p>Out of 858.25 ha., 72.19 ha. is forest land Stage II Forest Clearance obtained for entire 72.19 Ha 20.76 Ha. forest land inside existing township. Stage I Forest clearance received</p> <table border="1"> <tr> <td>Existing 65.73Ha</td> <td>7.18 Ha (For Regularized)</td> <td>72.91Ha</td> </tr> </table>			Existing 65.73Ha	7.18 Ha (For Regularized)	72.91Ha																			
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7	Water body (Rivers, Lakes, Pond, Nala, Natural Drainage, Canal etc.) exists within the project site as well as study area	<p><b>Project Site:</b> There is no water body within the project site <b>Study area</b></p> <table border="1"> <thead> <tr> <th>Water Body</th> <th>Distance</th> <th>Direction</th> </tr> </thead> <tbody> <tr> <td>Arabian Sea</td> <td>1 km</td> <td>S</td> </tr> <tr> <td>Tapi Estuary</td> <td>0.5 km</td> <td>E</td> </tr> <tr> <td>Hazira village pond</td> <td>2.2 km</td> <td>S</td> </tr> <tr> <td>Suvali village pond</td> <td>3.3 km</td> <td>NNW</td> </tr> <tr> <td>Mora village pond</td> <td>2.7 km</td> <td>N</td> </tr> <tr> <td>Junagam village pond</td> <td>1.4 km</td> <td>W</td> </tr> </tbody> </table>			Water Body	Distance	Direction	Arabian Sea	1 km	S	Tapi Estuary	0.5 km	E	Hazira village pond	2.2 km	S	Suvali village pond	3.3 km	NNW	Mora village pond	2.7 km	N	Junagam village pond	1.4 km	W	
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8	Existence of ESZ/ ESA/ serve/ elephant reserve /national park/ wildlife sanctuary/ biosphere reserve/ tiger rec. if any within the study area	<p><b>ESZ/ ESA:</b> None within 10 km radius study area <b>List of Reserved and protected forests:</b></p> <ul style="list-style-type: none"> <li>• Hazira Reserve Forest 1.72 km. in SSW direction</li> <li>• Open Forest near Dumas Village 5.42 km. in SE direction</li> <li>• Open Forest near Vasava Village 6.40 km. in NNW direction</li> </ul>																								

Sl. No.	Particulars	Details	Remarks
9.	Existence of sand dunes, mangroves mud flats	The project premises were identified with the help of GPS data derived from satellite image and No Mangrove species were found to be present within the project premises. The presence of mangrove species has been observed in areas outside the AMNS premises, within the study area and far away from project site. The species <u>Avicennia marina</u> is found to be dominant in these areas.	



## Unit configuration and capacity of existing and proposed project

Sl. No.	Plant / Equipment / Facility	As per EC No. 22A008GJ141988 dated 03.10.2022 and EC No. J-11012/37/93-Ia.II dated 17.06.1994								Proposed Unit		Final (Existing + Proposed)		Remark
		Total (A+B)		Implemented (A)		Unimplemented (B)		As per CTO		Config	Cap in MTPA	Config	Cap in MTPA	
		Config	Cap in MTPA	Config	Cap in MTPA	Config	Cap in MTPA	Config	Cap in MTPA					
1	HBI Plant (DRI Mod I to VI)	Mod I-IV: 4.0 Mod V: 1.98 Mod VI: 1.85	7.83	Mod I-IV: 4.0 Mod V: 1.98 Mod VI: 1.85	7.83	--	--	Mod I-IV: 4.0 Mod V: 1.98 Mod VI: 1.85	7.83	---	---	Mod I-IV: 4.0 Mod V: 1.98 Mod VI: 1.85	7.83	No Change
2	Blast Furnace (BF)	BF#1: (2200 m <sup>3</sup> )	3.0	Implemented	2.04	Under implementation	0.96	BF #1:	2.04	----	---	BF#1: (2200 m <sup>3</sup> )	3.0	No Change
		BF#2: (4500 m <sup>3</sup> )	4.0	--	--	BF#2: (4500 m <sup>3</sup> )	4.0					BF#2: (4500 m <sup>3</sup> )	4.0	
		BF#3: (4500 m <sup>3</sup> )	4.0	--	--	BF#3: (4500 m <sup>3</sup> )	4.0					BF#3: (4500 m <sup>3</sup> )	4.0	
3	CORE X Plant*	2x0.85	1.7	2x0.85	1.7	--	--	2x0.85	1.7	---	----	2x0.85	1.7	No Change *Plant will be shutdown safely and will be started only in case of any other Unit going down but maintaining sanctioned production quantity of hot metal.
4	Sinter Plant	1 x120 m <sup>2</sup>	1.48	Implemented	1.48	--	--	Sinter Plant# 1	1.48	----	---	1 x120 m <sup>2</sup>	1.48	No Change
		2 x (~325 m <sup>2</sup> )	7.0	--	--	2 x (~325 m <sup>2</sup> )	7.0					2 x (~325 m <sup>2</sup> )	7.0	

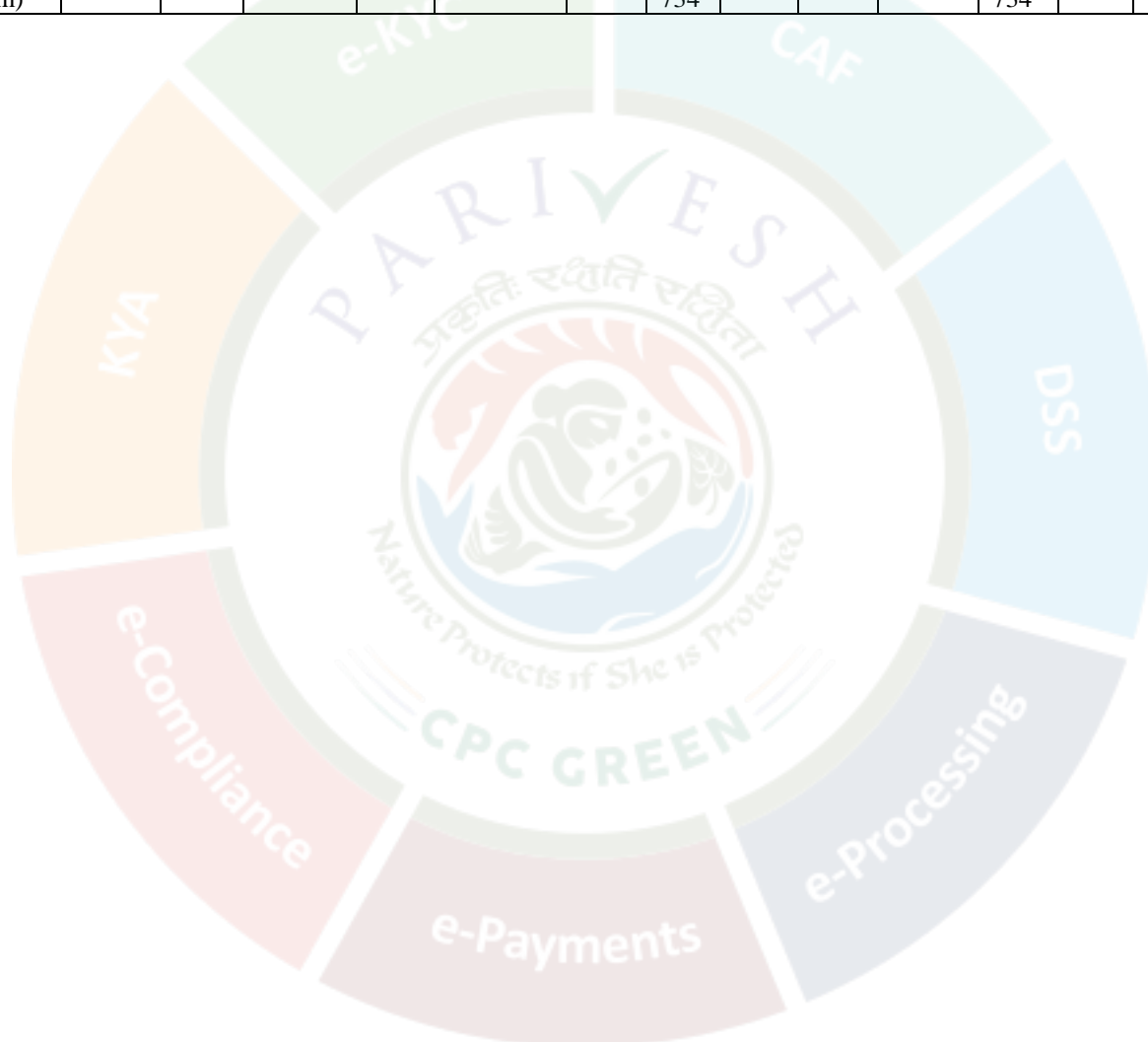
Sl. No.	Plant / Equipment / Facility	As per EC No. 22A008GJ141988 dated 03.10.2022 and EC No. J-11012/37/93-Ia.II dated 17.06.1994								Proposed Unit		Final (Existing + Proposed)		Remark
		Total (A+B)		Implemented (A)		Unimplemented (B)		As per CTO						
		Config	Cap in MTPA	Config	Cap in MTP A	Config	Cap in MTPA	Config	Cap in MTP A	Config	Cap in MTPA	Config	Cap in MTP A	
5	Coke Ovens #1-6 (Recovery Type)	6x59 Ovens	4.4	--	--	Coke Ovens #1-6	4.4	---	---	---	---	Coke Ovens #1-6	4.4	No Change
6	Air Separation Plant (Nm <sup>3</sup> /Hr)	1x343 TPD	4,24,744 Nm <sup>3</sup> /hr. of Oxygen	1x343 TPD	360,544 Nm <sup>3</sup> /hr. Oxygen	--	64,200 Nm <sup>3</sup> /hr. of Oxygen	---	360,544 Nm <sup>3</sup> /hr. Oxygen	Nil	1x1000 TPD 1x2000 TPD 1x1714 TPD	1x343 TPD	4,24,744 Nm <sup>3</sup> /hr. of Oxygen	Change in configuration, however no change in production (4,24,744 Nm <sup>3</sup> /hr. of Oxygen) under the EC
1x257 TPD	1x257 TPD	--		1x343 TPD										
1x785 TPD	1x785 TPD	--		1x257 TPD										
3x1714 TPD	3x1714 TPD	--		1x785 TPD										
1x700 TPD	1x700 TPD	--		3x1714 TPD										
1x2200 TPD	--	1x2200 TPD Under Implementation		1x700 TPD										
7	SMS-1 (EAF 4 Nos.)	4 x 150 MT Heat size	4.6	4 x 150 MT Heat size	4.6	--	--	4 x 150 MT Heat size	4.6	1x200 MTEAF	Nil	4 x 150 MT Heat size + 1x200 MTEAF	4.6	No Change



Sl. No.	Plant / Equipment / Facility	As per EC No. 22A008GJ141988 dated 03.10.2022 and EC No. J-11012/37/93-Ia.II dated 17.06.1994								Proposed Unit		Final (Existing + Proposed)		Remark
		Total (A+B)		Implemented (A)		Unimplemented (B)		As per CTO						
		Config	Cap in MTPA	Config	Cap in MTPA	Config	Cap in MTPA	Config	Cap in MTPA	Config	Cap in MTPA	Config	Cap in MTPA	
8	SMS-2 (Con Arc 4 Nos.)	4 x 200 MT Heat size	5.0	4 x 200 MT Heat size	5.0	---	---	4 x 200 MT Heat size	5.0	---	---	4 x 200 MT Heat size	5.0	Change in Configuration
9	SMS-3 (BOF - 3 nos.)	3 x 350 MT Heat size *	6.0	--	--	3 x 350 MT Heat size *	6.0	---	---	---	---	3 x 350 MT Heat size *	6.0	No Change
<b>Total SMS</b>		<b>15.6</b>		<b>9.6</b>		<b>6.0</b>		<b>9.6</b>		<b>--</b>	<b>--</b>	<b>15.6</b>		<b>No Change</b>
10	Lime Plant (Lime/Dolomite)	4x300 TPD	0.45 MT PA	4x300 TPD	0.45 MT PA	--	---	4x300 TPD	1.2	--	--	4x300 TPD	2.0	No Change
		3x500 TPD	0.48 MT PA	3x500 TPD	0.48 MT PA	---	---	3x500 TPD	---	---	---	3x500 TPD	---	
		1x200 +1x500 TPD	0.27 MT PA	1x200 +1x500 TPD	0.27 MT PA	---	---	1x200 TPD	---	---	---	1x200 TPD	---	
		4x600 TPD	0.8 MT PA	--	--	4x600 TPD	0.8 MT PA	1x500 TPD	---	---	---	4x600 TPD	---	
11	Plate Mill	1 x 1.5	1.5	1 x 1.5	1.5	--	--	1 x 1.5	1.5	1 x 1.5	0.4	1 x 1.5	1.1	Change Reduction in production
12	CSP & HRC	CSP 3.5 MTPA	3.5	CSP 3.5 MTPA	3.5	--	--	CSP	3.5	1 x 2.5 MT PA TS CR	1.5	CSP 3.5 MT PA	12.9	Change in configuration, however no change in total finished steel production under the EC. Proposed Thin Slab Casting and Rolling with SMS-2 for maximum hot
		HRC 4.5 MTPA	4.5	HRC 4.5 MTPA	4.5	--	--	HRC	4.5			HRC 4.5 MT PA		
		HRC 6.0 MTPA	6.0	--	---	HRC 6.0 MTPA	6.0	---	---			HRC 6.0 MT PA		
												1 x 2.5	1.5	

Sl. No.	Plant / Equipment / Facility	As per EC No. 22A008GJ141988 dated 03.10.2022 and EC No. J-11012/37/93-Ia.II dated 17.06.1994								Proposed Unit		Final (Existing + Proposed)		Remark
		Total (A+B)		Implemented (A)		Unimplemented (B)		As per CTO						
		Config	Cap in MTPA	Config	Cap in MTPA	Config	Cap in MTPA	Config	Cap in MTPA	Config	Cap in MTPA	Config	Cap in MTPA	
<b>Total Finished Steel Production</b>			<b>15.5</b>									<b>15.5</b>		
13	CRM	1 x 1.5 1 x 0.54 1 x 1.0 1 x 2.2	5.24	1 x 1.5 1 x 0.54 1 x 0.5	2.54	-- -- 1 x 1.0 1 x 1.7	2.7	1 x 1.5 1 x 0.54 1 x 0.5	2.54	---	---	1 x 1.5 1 x 0.54 1 x 1.0 1 x 2.2	5.24	No change
14	H Saw Pipes	2 x 0.15	0.30	2 x 0.15	0.30	---	---	2 x 0.15	0.30	---	---	2 x 0.15	0.30	No change
15	L Saw Pipes	1 x 0.33	0.33	1 x 0.33	0.33	---	---	1 x 0.33	0.33	---	---	1 x 0.33	0.33	No change
16	CPP	1 X 475 MW 1 X 40 MW 1 X 10 MW 1x31 MW 2 x 100 MW 2 x 25 MW	806 MW	1 X 475 MW 1 X 40 MW 1 X 10 MW	525 MW	2x100 MW 2x25 MW	250 MW	1X 475 MW 1 X 40 MW 1 X 10 MW	525 M	1x31 MW shall not be installed	-31 MW	1 X 475 MW 1 X 40 MW 1 X 10 MW 2x100 MW 2x25 MW	775 MW	<b>Reduction</b>
17	Waste Heat Recovery based Power Plant	1x25 MW 1x20 MW 1x100 MW	145 MW	1x25 MW	25 MW	1x20 MW 1x100 MW	120 MW	1x25 MW	25 MW	---	---	1x25 MW 1x20 MW 1x100 MW	145 MW	No Change

Sl. No.	Plant / Equipment / Facility	As per EC No. 22A008GJ141988 dated 03.10.2022 and EC No. J-11012/37/93-Ia.II dated 17.06.1994								Proposed Unit		Final (Existing + Proposed)		Remark
		Total (A+B)		Implemented (A)		Unimplemented (B)		As per CTO						
		Config	Cap in MTPA	Config	Cap in MTP A	Config	Cap in MTPA	Config	Cap in MTP A	Config	Cap in MTPA	Config	Cap in MTP A	
18	Gas based Power Plant*	1x500 MW	500 MW	1x500 MW	500 MW	--	---	1x500 MW	500 MW	---	---	1x500 MW	500 MW	No Change *Power Plant under Power Plant EC of AMNSI
19	Jetty (length in m)	456 + 734	1190	456 + 734	1190	---	---	456 + 734	1190	---	---	456 + 734	1190	No Change



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

Budget - Yearly (1-5 yrs.)		2025	2026	2027	2028	2029	Rs. In Crores
S. No.	Major activities	1st Year	2nd Year	3rd Year	4th Year	5th Year	Total Amount
<b>A</b>	<b>Education</b>						
1	Digital Infrastructure support to Government Schools- digitalization of primary and secondary schools, providing e-learning infrastructure	0.5	0.5	0.5	0.5	0.5	2.5
	<b>Sub Total</b>	<b>0.5</b>	<b>0.5</b>	<b>0.5</b>	<b>0.5</b>	<b>0.5</b>	<b>2.5</b>
<b>B</b>	<b>Health &amp; Sanitation</b>						
1	Kidney Dialysis Machine and other Medical Equipment support to Surat Civil Hospital	0.4	0.4	0.4	0.4	0.4	2
	<b>Sub Total</b>	<b>0.4</b>	<b>0.4</b>	<b>0.4</b>	<b>0.4</b>	<b>0.4</b>	<b>2</b>
<b>C</b>	<b>Infrastructure Development</b>						
1	Development & Renovation of the Government water ponds(Excavation & Construction)	0.2	0.2	0.2	0.2	0.2	1
	<b>Sub Total</b>	<b>0.2</b>	<b>0.2</b>	<b>0.2</b>	<b>0.2</b>	<b>0.2</b>	<b>1</b>
<b>D</b>	<b>Sustainable Livelihood</b>						
1	Development of Centre of Excellence(COE) in ITI_Surat area(Bhimrad village)	0.5	0.5	0.5	0.5	0.5	2.5
	<b>Sub Total</b>	<b>0.5</b>	<b>0.5</b>	<b>0.5</b>	<b>0.5</b>	<b>0.5</b>	<b>2.5</b>
<b>E</b>	<b>Sports and Youth Development</b>						
1	Construction & Development of HPC in Surat with the Collaboration of Sport Authorities of Gujarat	1	1	1	1	1	5
	<b>Sub Total</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>5</b>
<b>F</b>	<b>Environment</b>						
1	Oxygen Park development with the Surat Municipal Corporation	0.3	0.3	0.3	0.3	0.3	1.5
	<b>Sub Total</b>	<b>0.3</b>	<b>0.3</b>	<b>0.3</b>	<b>0.3</b>	<b>0.3</b>	<b>1.5</b>
	<b>Grand Total</b>	<b>2.9</b>	<b>2.9</b>	<b>2.9</b>	<b>2.9</b>	<b>2.9</b>	<b>14.5</b>

## Budget for EMP

S. No	Head	Approximate capital cost (in Rs. Crores)			Approximate recurring cost per annum (in Rs. Crores)		
		Existing	Proposed	Total after Amendment and Amalgamation	Existing	Proposed	Total after Amendment and Amalgamation
1	Air pollution control	800	100	900	80	10	90
2	Water pollution	550	0	550	55	0	55
3	Noise Pollution	1.0	0	1.0	0.5	0	0.5
4	Solid and hazardous waste management	150	0	150	2.5	0	2.5
5	CEMS (Continuous Emission Monitoring Systems)	50	10	60	5	0.5	5.5
6	CAAQMS & Lab up-gradation	5	0	5	0.5	0	0.5
7	Environment Monitoring Cost of Air, Water, Noise, TCLP etc. including efficiency monitoring of Pollution Control Equipment	--	--	--	1.0899	0	1.0899
8	Occupational Health & Safety	--	--	--	6.0	0	6.0
9	Greenbelt Development	10	1	11	0.5	0.5	1.0
	<b>Total</b>	<b>1566</b>	<b>111</b>	<b>1677</b>	<b>151.09</b>	<b>11.0</b>	<b>162.08</b>
11	Budget for implementation of commitments made to address the issues raised during the public hearing	140	0	140	0	0	0
	<b>Grand Total</b>	<b>1706</b>	<b>111</b>	<b>1817</b>	<b>151.09</b>	<b>11</b>	<b>162.08</b>