



सत्यमेव जयते

File No: IA-J-11011/64/2025-IA-II(Ind-I)
Government of India
Ministry of Environment, Forest and Climate Change
IA Division



Date 20/03/2026



To,

M/s. ARCELORMITTAL NIPPON STEEL INDIA LIMITED
Butchirajupeta, Chandanada, D L Puram, Rajayyapeta and Vempadu Villages,
Nakkapalli Mandal, Anakapalli District, Andhra Pradesh
Email: environment@amns.in

Subject: Proposed 8.2 MTPA Greenfield Integrated Steel Plant (ISP) by M/s. ArcelorMittal Nippon Steel India Limited, located at Butchirajupeta, Chandanada, D L Puram, Rajayyapeta and Vempadu Villages, Nakkapalli Mandal, Anakapalli District, Andhra Pradesh -EC-Reg.

Sir/Madam,

This is in reference to your application submitted to MoEF&CC vide proposal number IA/AP/IND1/553912/2025 dated 18/10/2025 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.	EC25A1005AP5340445N
(ii) File No.	IA-J-11011/64/2025-IA-II(Ind-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,4(b) Coke oven plants
(vi) Sector	Industrial Projects - 1 Establishment of Greenfield Integrated Steel Plant (ISP) of 8.2 MTPA by M/s. ArcelorMittal Nippon Steel India Limited (AM/NS India Ltd) at Butchirajupeta, Chandanada, D L Puram, Rajayyapeta and Vempadu Villages, Nakkapalli Mandal, Anakapalli District, Andhra Pradesh.
(vii) Name of Project	ARCELORMITTAL NIPPON STEEL INDIA LIMITED
(viii) Name of Company/Organization	ARCELORMITTAL NIPPON STEEL INDIA LIMITED

(ix) Location of Project (District, State)
(x) Issuing Authority
(xi) Applicability of General Conditions as per
EIA Notification, 2006

ANAKAPALLI, ANDHRA PRADESH
MoEF&CC
No

Plot/Survey Khasra Nos.: 85/2P , 90 (90-11 to 90-30) , 108 , 169 , 170/1 , 170/2 , 171/1 , 171/2A , 171/2B , 172 , 173 , 174 , 175/1 , 175/2 , 176-1 , 176-2 , 176-3 , 177 , 180P , 181(216 to 234) , 182 , 183 , 184 , 185 , 186 , 187 , 188/1 , 188/2 , 183 , 184/13 , 189/1 , 191-1 , 191-6 , 191-7 , 191-8 , 191-9 , 191-10 , 191-12 , 191/13 , 191/14 , 192/1 , 192/2 , 192/3 , 192/4 , 192/5 , 192/6A , 192/6B , 192/6C , 192/6D , 192/6E , 192/6F , 192/6G , 192/7 , 192/8 , 192/9 , 192/10 , 192/11 , 193/1 , 193/2 , 193/3 , 193/4 , 193/5 , 194/1 , 194/2 , 194/3 , 194/4 , 194/5 , 194/6 , 194/7 , 194/8 , 194/9 , 194/10 , 195/1 , 195/2 , 196/1 , 196/2 , 196/3 , 196/4 , 197/1 , 197/2 A , 198/1 , 198/2 , 198/3 , 198/4 , 198/5 , 198/6 , 198/7 , 198/8 , 198/9 , 198/10 , 198/11 , 198/12 , 198/13 , 198/14 , 198/15 , 198/16 , 198/17 , 198/18 , 198/19 , 198/20 , 198/21 , 198/22 , 198/23 , 198/24 , 198/25 , 199 , 210/1 , 211/1 , 211/2 , 211/3 , 211/4 , 211/5 , 211/6 , 211/7 , 211/8 , 211/9 , 211/10 , 211/11 , 211/12 , 211/13 , 211/14 , 211/15 , 211/16 , 211/17 , 211/18 , 211/19 , 212 , 213 , 227 , 227/3 , 261/1 , 261/2 , 261/3 , 261/4 , 261/5 , 261/6 , 261/7 , 262/1 , 262/2 , 262/3 , 262/4 , 264/1 , 264/2A , 264/2B , 264/2C , 264/2D , 264/2E , 264/2F , 264/2G , 264/2H , 264/2I , 264/2J , 264/3A , 264/3B , 265/1 & 5 , 265/2 , 265/3 , 265/4 , 265/6 , 266 , 267P , 268/1A , 268/1B , 268/1C , 268/1D , 268/2 , 268/3 , 268/4 , 270-1 , 271/1A , 271/1B , 271/1C , 271/2A , 271/2B , 271/2C , 271/3 , 271/4A , 370/1 , 370/2(A , B , C , D , E) , 370/3 , 374/2 , 375 (430 to 452) , 376 , 377 , 378(378/1A , 1B , 2A , 2B , 3A , 3B , 3C , 3D , 4A , 4B , 4C , 5A , 5B , 5C , 5D , 5E , 5F , 5G , 5H , 5I) , 379(379/1A , 1B , 1C , 1D , 1E , 1F , 1G , 2A , 2B , 2C , 2D , 2E , 2F , 2G , 2H , 2I , 3to39) , 380 , 381(381/1 , 2A , 2B , 2C , 3A , 3B , 4 , 5 , 6A , 6B , 6C , 6D , 6E , 6F , 6G , 6H , 6I , 7to10) , 382(382/1A , 1B , 1C , 1D , 1E , 2A , 2B , 2C , 2D , 2E , 3A , 3B , 4A , 4B , 4C , 4D , 5A , 5B , 5C , 6 , 7A , 7B , 8A , 8B , 9to11) , 383(383/1A , 1B , 2A , 2B , 2C , 2D , 2E , 2F , 2G , 2H , 2I , 2J , 2K , 2L , 2M , 2N , 2O , 3to5 , 6A , 6B , 7A-3 , 7A-4 , 7B-3 , 7B-4) , 384(384/1A , 1B , 1C , 1D , 1E , 1F , 1G , 1H , 1I , 1J , 1K , 1L , 1M , 2A , 2B , 2C , 2D , 3 , 4A , 4B , 4C , 4D , 4E , 5A , 5B , 6A , 6B , 6C , 6D , 6E , 6F , 6G) , 385(385/1A , 1B , 1C , 2A , 2B , 2C , 3 , 4 , 5A , 5B , 5C , 5D , 6A , 6B , 7A , 7B , 8A , 8B , 8C , 9) , 386(386/1 , 2A , 2B , 3A , 3B , 4A , 4B , 4C , 4D , 4E , 4F , 5) , 387 , 388P , 389 , 390(390/1A , 1B , 1C , 2A , 2B) , 391(391/1A , 1B , 2 , 3A , 3B) , 392 , 393(393/1A , 1B , 1C , 2A , 2B , 2C , 2D , 2E , 3A , 3B , 3C , 3D , 3E , 3F , 4) , 394/1(394/1 , 2A , 2B , 3 , 4A , 4B , 4C , 4D , 4E , 5A , 5B , 5C , 5D , 5E , 5F , 5G , 5H , 5I , 5J , 5K) , 395/1A(395/1A , 1B , 1C , 2A , 2B , 2C , 3A , 3B , 3C , 4A , 4B , 5A , 5B , 5C , 6A , 6B , 6C) , 396 , 397/1to10 , 398(398/1to3 , 4A , 4B , 4C , 4D , 5A , 5B) , 399(399/1A , 1B , 2A , 2B , 2C , 2D , 3A , 3B , 4A , 4B , 4C , 4D , 4E , 4F , 4G , 4H , 4I , 4J , 4K , 4L , 4M , 4N , 4O , 5A , 5B , 5C , 5D) , 400(400/1 , 2A , 2B , 3A , 3B , 4A , 4B , 5A , 5B , 6A , 6B) , 401/1to5 , 402 , 403(403/1A , 1B , 1C , 1D , 1E , 1F , 1G , 1H , 1I , 1J , 2A , 2B , 2C , 2D , 2E , 2F , 2G , 2H , 3A , 3B , 3C , 4A , 4B) , 404(404/1A , 1B , 1C , 1D , 2 , 3A , 3B , 3C , 5A , 5B , 5C , 5D , 4 , 6 , 404/7A , 7B , 7C , 7D , 7E , 7F , 7G) , 405 , 406(406/1B , 1C , 2 , 3) , 407 , 408 , 409(409/1A , 1B , 1C , 1D , 2A , 2B , 3to6 , 7A , 7B , 7C , 7D , 7E , 7F , 7G , 7H , 8A , 8B , 409/8C , 8D , 8E , 8F , 8G , 8H , 9A , 9B , 10A , 10B , 11A , 11B) , 410/4 , 411 , 412 , 413/1to3 , 414/1to3 , 415/1to3 , 416/1 , 2&5 , 1(1-1 to 1-16 , 182-1 to 182-19 , 183-1 to 183-6 , 184-1 to 184-21) , 10/1to5 , 11 , 12 (12-1 to 12-32) , 13/1&2 , 14 , 15 , 26/3 , 31P , 35/1to5 , 36/1to7 , 37 , 38/1to9 , 39/1to5 , 40 , 41/1to12 , 42/1to11 , 43/1to6 , 44 , 45 , 46(46/1 , 2A , 3 , 4A , 4B , 4C) , 47 , 48 , 49-1to7 , 50/1&2 , 51/1&2 , 52 , 53/1to10 , 54 , 55 , 56 , 57/1to4 , 58/1to18 , 59 , 60/1&2 , 61/1to12 , 62 , 63/1to10 , 64/1to5 , 65 , 66/1&2 , 67/1to5 , 68/1to10 , 69 , 70/1to27 , 71/1to7 , 72/1to11 , 73 , 74 , 75/1to4 , 76/1to18 , 77 , 78 , 79/1to8 , 80/1to9 , 81/1to5 , 82/1to8 , 83(83-4 TO 41) , 84/1to13 , 85/1to10 , 86/1to17 , 87/1to13 , 88/1to12 , 89/1to13 , 90-1to14 , 91/1to9 , 92/1to7 , 93/1to10 , 94/1to13 , 95/1to11 , 96 , 97/1to9 , 98/1to15 , 99/1to3 , 100 (100-1 to 37) , 101 , 102/1to7 , 103/1to12 , 104 , 105 , 106/1to16 , 107/1to10 , 108 , 109 , 110(110-1 to 5) , 111 , 120(120-1 , 2 , 3 &5) , 121 , 131 , 132 , 133 , 134 , 135/1&2 , 136/1&2 , 137/1(137-1 , 137-3 to 21) , 137-2 , 138(138-1 to 14).

3. The proposed project activity is listed at S. 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 appraised at Central Level.

4. The proposal was considered during 14th EAC (Industry-1) Meeting held on 30th – 31st October, 2025; 18th EAC (Industry-1) Meeting held on 22nd – 23rd December, 2025 and 21st EAC (Industry-1) Meeting held on 5th - 6th February, 2026 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 minutes of the meeting and all the project documents are available on PARIVESH portal which can be accessed at

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. The EAC, in its 21st EAC (Industry-1) Meeting held on 5th - 6th February, 2026, inter-alia, deliberated the following:

i. The instant proposal is for establishment of Integrated Steel Plant of 8.2 MTPA as per the configuration mentioned at Para 21.1.6 of the MoM.

ii. 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 EIA/EMP reports prepared and submitted by the Consultant accredited by the QCI/ NABET on behalf of the Project Proponent.

iii. 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 EIA/EMP 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.

iv. The Committee noted that the EIA reports are in compliance of the ToR issued for the project, reflecting the present environmental status and the projected scenario for all the environmental components. The Committee deliberated on the proposed mitigation measure towards Air, Water, Noise and Soil pollutions. The Committee suggested that the storage of toxic/explosive raw materials/products shall be undertaken with utmost precautions and following the safety norms and best practices.

v. 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.

vi. The PP submitted the following details and chronology of site approvals:

vii. Siting criteria

viii. The EAC also reviewed the compliance statement submitted by the project proponent regarding aspects such as land acquisition status / presence of streams or nallahs within the site / validity of baseline data / validity of the Certified Compliance Report / validity of the Public Hearing (PH), among other relevant factors. Upon examination, the Committee found the submission satisfactory for further appraisal of the proposal. The Committee further examined the information submitted with regard to the location of the project site vis-à-vis High Flood Level (HFL) / flood plain, including the hydrological study and flood risk assessment carried out using HEC-RAS modelling for a 50-year return period, as presented in the EIA/EMP, and the clarification furnished based on inputs from the Revenue Authorities as reflected in APPCB letter dated 26.11.2025. The EAC noted that the project site is located well above the assessed flood level and does not fall within any HFL or flood plain. Upon examination, the Committee found the submissions satisfactory for further appraisal of the proposal.

ix. Total project land area is 817.48 ha (2020 acres) consisting of 777.01 ha (1920 acres) industrial area (*erstwhile Nakkapalli Industrial Park (IP), APIIC*) and 40.47 ha (100 acres) private land. AMNSIL has received provisional allotment orders from the Zonal Manager, APIIC, for land measuring 2,080.76 acres in the Nakkapalli cluster, located in the villages of Butchirajupeta, Chandanada, D. L. Puram, Rajayyapeta, and Vempadu in Nakkapalli Mandal, Anakapalli District, Andhra Pradesh, vide File No. INC52/6/2025-DZM (AM)-APIIC-ANKP dated 07.02.2025. Out of the total area, AMNSIL proposes to establish the Integrated Steel Plant (ISP) over 2,020 acres. Further, PP informed that APIIC has obtained amendment in EC w.r.t. exclusion of said land from its existing EC to prevent duplication of environmental approvals for the same parcel of land in pursuance to ToR conditon. The EAC found the submission of PP satisfactory.

x. The EAC noted that the proposed project site includes five villages (Chandanada (Part), Patimeeda (Part),

Thammayapeta, Kothuru and Mulaparra) identified for the potential implementation of the Rehabilitation and Resettlement (R&R) Program by the District Administration of the Government of Andhra Pradesh (GoAP). PP informed that R&R studies have been undertaken by the District Administration, Government of Andhra Pradesh. The R&R colony has been designated at Chinnabodugullam Village, located approximately 6.0 km from the proposed project site. Development works for the colony have already been initiated. **The EAC further noted that, in addition to the statutory R&R process, the PP has submitted detailed village-specific environmental safeguard and community support plans with earmarked budgets for affected habitations, including measures for protection of sensitive receptors, infrastructure augmentation, environmental improvement and community welfare.** The Committee observed that these measures are supplementary to, and not in substitution of, the statutory R&R obligations of the District Administration. The EAC advised the Project Proponent to extend full cooperation and necessary support to the District Administration for timely completion of R&R works, in accordance with applicable laws and policies, and implement the proposed village-specific safeguard and community support measures in a time-bound manner.

xi. The EAC noted that seven number of villages such as Butchirajupeta, Boyapadu, Kotta Amalapuram, D L Puram, Amalapuram, Patimeeda, Chandanada covering places of worship, educational institutions, water bodies, and other sensitive receptors. are either adjacent to or in close proximity to the project site, including Donevani Lakshmiapuram Reserved Forest, located at about 0.1 km, fall within the study area. The Committee took on record the detailed village-specific environmental safeguard and mitigation plans with earmarked village wise budgets to the tune of Rs.6.145 crores for the nearby habitations, and proposed strengthening of greenbelt all around the plant periphery, along with dust suppression and traffic management measures, to minimise impacts on the local population. The Rs. 6.145 crs is beside the Rs. 400 crores that would be spent to address the PH issues. The EAC further directed that these villages and sensitive locations shall be appropriately covered under the environmental monitoring programme during construction and operation phases. Thus the EAC noted the PPs commitment for spending a total budget of 902.5 lakhs (9.025 crores) has been earmarked for environmental safeguard measures covering key receptors in the project area. This includes 614.5 lakhs for nearby villages (schools and temples), 88 lakhs for protection of the Upputeru Water Tank, 600 lakhs for creek protection (already covered in CER Budget), and 200 lakhs for safeguarding the DL Puram Reserved Forest.

xii. The EAC noted that a detailed tree enumeration study was carried out over the project site by Vaagdevi Degree & PG College, Hanamkonda (affiliated to Kakatiya University), using systematic quadrat and transect methods, and that the findings and certification have been included in the EIA/EMP. The Committee noted that out of 35,919 trees identified, about 13,500 native trees fall under the category requiring permission for felling as per applicable provisions, and that the Project Proponent has applied to the State Forest Department for the requisite permission, which is under consideration. The EAC directed that no tree felling shall be undertaken without prior approval of the competent authority and that all stipulated conditions shall be strictly complied with. The Committee further noted the PP's commitment to develop an extensive greenbelt comprising about 6.87 lakh saplings under a Biodiversity Improvement Plan and directed that the same shall be implemented in a phased manner with preference to native species and monitored as part of environmental compliance reporting.

xiii. The EAC further opined that the project proponent shall, in consultation with a reputed public health institution/ agency, carry out a baseline and periodic epidemiological study of the nearby villages to assess potential health impacts arising from project activities. Based on the findings, the project proponent shall establish and implement a health monitoring system for regular medical check-ups of the local population, and take suitable preventive and remedial measures to address any adverse health outcomes, with records maintained and reported to the concerned regulatory authorities.

xiv. The EAC noted that a salt water creek, namely Upputeru, is located at a distance of about 0.07 km from the project boundary and examined the Creek Conservation and Protection Plan submitted by the Project Proponent. The Committee noted that the PP has proposed Zero Liquid Discharge (ZLD), development of greenbelt/buffer along the creek, stormwater segregation through ponds, and seasonal monitoring of physico-chemical and biological parameters, with integration of the creek monitoring programme into the Environmental Management System and monitoring by MoEFCC/ NABL-accredited agencies. The EAC found the proposed measures, monitoring protocol and budgetary provisions to be adequate and directed that the approved Creek Conservation Plan shall be implemented in a time-bound manner and

monitored as part of environmental compliance.

xv. Bay of Bengal is at a distance of 0.60 km in SE of the project site. Further, it is observed that there are other water bodies within the study area of the project site. The EAC opined that robust and foolproof Drainage Conservation measures to protect the natural drainage and its flow parameters; along with Soil conservation scheme and multiple Erosion control measures shall be implemented. Further, considering the project's proximity to the Bay of Bengal (0.6 km) and Uppeteru Creek (0.07 km), the Committee opined that the PP shall undertake marine and estuarine ecological monitoring (plankton, benthic fauna, and sediment quality) twice a year through a recognized institute to ensure long-term ecological protection of coastal waters.

xvi. The water requirement for the proposed project is estimated as 1,24,584 m³ /day, out of which 1,03,968 m³/day of fresh water requirement will be obtained from the Polavaram Left Main Canal and the remaining requirement of 2,376 m³ /day will be met from the recovered water from iron slurry received at the site and 18,420 m³ /day will be met from treated wastewater within the facility. The EAC opined that necessary permission shall be obtained from the Competent Authority. The EAC also advised the Project Proponent to implement measures to progressively reduce the plant's overall water footprint through enhanced recycling, reuse, and process optimization. A roadmap with measurable annual reduction targets shall be prepared and implemented, in consultation with APPCB and RO MoEFCC.

xvii. PP further reported that no groundwater will be used during the operational phase of the proposed ISP. However, temporary utilization of ground water during construction phase is envisaged till the water pipeline from Polavaram canal gets operational. A dedicated underground water pipeline is proposed to be laid from the Polavaram Canal to the proposed plant site, traversing National Highway. The pipeline alignment has been designed in accordance with Asian Development Bank (ADB) guidelines, and construction is targeted for completion by September 2026. The EAC noted the submissions of PP, and on the request of PP, emphasised that the groundwater abstraction shall be strictly limited till December 2026, duly accomodating the unforeseen delays. The PP may expedite the process of obtaining statutory permissions from the concerned agency, and lay the pipeline as per targeted date.

xviii. The EAC examined the baseline environmental data and incremental Ground Level Concentrations (GLCs) due to the proposed project and found the same to be satisfactory. The Committee further examined the additional information submitted by the Project Proponent in compliance with the earlier directions and noted that the Environmental Monitoring Programme includes installation of dedicated VOC sensors in and around the Coke Oven Batteries and By-product Recovery Unit, integrated with the plant DCS, along with ambient VOC monitoring through the AAQM network. The EAC also noted the proposal for installation of wind-breaking walls with adequate budgetary provision, strengthening of greenbelt along the project periphery, and the mitigation measures proposed for pickling and galvanising units including fume extraction with wet scrubbers and treatment of galvanising wastewater with safe disposal of sludge to TSDF. The Committee further noted the PP's commitment to explore phased adoption of electric vehicles for internal material handling, company-owned fleets and other transport applications as part of its decarbonization programme. After deliberation, the EAC found the submissions to be adequate and directed that the proposed measures shall be incorporated in the project design and EIA/EMP and implemented in a phased manner, with monitoring as part of environmental compliance. The PP may ensure that 10% of the transportation fleet (production as well as raw material) runs on EV within 3 years. A detailed plan may be submitted to concerned RO MoEFCC in this regard, along with half yearly compliance report.

xix. It is reported that based on the ecological assessment and baseline study conducted in accordance with the Wildlife (Protection) Amendment Act, 2022 and the relevant guidelines issued by the Ministry of Environment, Forest and Climate Change (MoEFCC), a total of 13 faunal species listed under Schedule-I have been reported in the study area. These include 4 mammals, 1 avian species, and 8 reptiles. Among them, two species are classified as Near Threatened under the IUCN Red List. Additionally, four species fall under the REET (Rare, Endangered, Endemic, and Threatened) category as per the IUCN Red Data Book. A Wildlife Conservation Plan has been prepared and submitted to the Principal Chief Conservator of Forests (PCCF), Vijayawada. A total budget of Rs. 150 lakhs has been proposed for the implementation of wildlife mitigation measures and the conservation of Schedule-I species over a period of five years. The EAC opined that the recommendations of the approved plan shall be strictly implemented in consultation with the State Forest Department.

xx. The Committee also deliberated on the public hearing issues and the revised action plan, with a budgetary provision to the tune of Rs.400 crores, submitted by the proponent to address the issues raised during the public hearing, and found it satisfactory.

xxi. The EAC opined that PP shall implement skill development programs in a way to align with relevant Government initiatives (like Mission LiFE, ODOP, GSDP etc.) to enhance employability and livelihood opportunities for local communities. These programs shall be designed in consultation with the concerned authorities, such as the District Skill Development Mission, State Government agencies, or other relevant institutions. With regard to the above, PP shall chalk out a detailed action plan and monitoring mechanism, which shall include details target beneficiaries, training modules, expected outcomes, and periodic progress reports shall be maintained and submitted to RO MoEFCC.

xxii. The EAC noted that the Project Proponent has revised the Greenbelt Development Plan in accordance with MoEF&CC Office Memorandum F. No. IA3-22/14/2025-IA.III (E-275538) dated 29.10.2025, and proposed development of greenbelt over an area of about 272 ha, accounting for 33% of the effective project area i.e. including hillock which constitutes an area of 117 ha, thereby meeting the stipulated requirement. The Committee noted that the greenbelt is proposed along the plant periphery, internal roads, inter-facility spaces and on the entire hillock, and that adequate capital and recurring budgets have been earmarked for its development and maintenance. The EAC categorically noted that the Greenbelt requirement of 33% shall be fulfilled inclusive of the vegetation/ plantation on the hillock. After deliberation, the EAC directed that the greenbelt shall be developed and maintained as per the approved plan, with preference to native species, and compliance with the said OM shall be ensured throughout the project life.

xxiii. The EAC examined the additional information submitted by the Project Proponent on waste management and noted that a detailed Waste Management Plan has been provided in the EIA/ EMP. The Committee noted that e-waste shall be handled and disposed of through authorized recyclers in accordance with the E-Waste Management Rules, 2022, and that plastic waste shall be segregated at source and sent to authorized recyclers as per the Plastic Waste Management Rules, 2016 (as amended), with compliance to Extended Producer Responsibility (EPR) wherever applicable. The EAC reiterated that the PP shall adopt circular economy principles for management of all wastes, ensuring maximum reuse, recycling and recovery within the process or through authorized agencies, and directed that the resource recovery and waste utilization plan shall be implemented and periodically reviewed as part of environmental compliance.

xxiv. The EAC deliberated on the carbon footprint assessment and carbon sequestration potential of the proposed project. The Committee advised that the Project Proponent shall progressively reduce the emission intensity of the plant to 1.8 tCO₂ per tonne of crude steel in a phased manner. The EAC further directed that, upon notification of emission intensity norms by the Government of India under the National Mission on Green Steel or any other applicable framework, the PP shall comply with the more stringent of the two targets, and shall align the project operations accordingly. Progress on emission intensity reduction shall be periodically reviewed and reported as part of environmental compliance.

xxv. The EAC observed that the project area falls within a coastal and cyclone-prone zone. The Committee advised the PP to coordinate with concerned State Agency for preparing site-specific climate resilience and disaster preparedness measures, including structural design considerations, emergency response mechanisms, and restoration planning, consistent with NDMA and IMD guidelines.

xxvi. The EAC noted that ArcelorMittal/Nippon Steel (Japan) is the technology partner of AMNS and examined the additional information submitted by the Project Proponent on adoption of ArcelorMittal/ Japanese environmental management and sustainability practices. The Committee noted the PP's commitment to institutionalising Japanese best practices in areas including Sustainable development goals, environmental education and awareness programmes, water resource management and recycling, climate change mitigation and decarbonisation initiatives, waste minimisation and circular economy, and strengthening of environmental governance through dedicated Environment & Plant Safety and

Green Transformation Committees. The EAC further noted the PP's proposal to benchmark water consumption, waste recycling and carbon intensity with Japanese steel plants, adoption of advanced pollution control and monitoring systems, and collaboration with academic institutions and stakeholders for capacity building and ecological conservation. PP committed to sponsor two students to Japan for enhancing their education and skills from the nearby villages every year. The Committee encouraged the PP to operationalise these initiatives through structured collaboration with ArcelorMittal/ Nippon Steel and other Japanese institutions, particularly in the areas of skill development, compliance of sustainable development goals, sustainability reporting, disaster risk management and cyclone preparedness, and directed that the outcomes of such initiatives shall be periodically reviewed and reported as part of environmental compliance to promote continuous improvement in environmental performance and resilience.

xxvii. The EAC also deliberated on other points in ADS reply submitted by project proponent and found them satisfactory.

xxviii. The EAC also deliberated on other points in written submission of the project proponent and found it satisfactory.

xxix. 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.

xxx. 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.

xxxi. The EAC also reviewed the EC conditions (specific and general) pertaining to Industry-I projects and observed that some of the specific conditions stipulated so far in the previously recommended EC projects are common and applicable to most of the projects in general. In view of the same, the General Conditions (in case of EC projects) have been revised through reallocation of these common conditions from specific to General Conditions (in case of EC projects). Accordingly, the instant project is also being stipulated with the modified General conditions.

Recommendations of the Committee:

8. In view of the foregoing and after detailed deliberations, the committee **recommended** the instant proposal for grant of Environment Clearance, under the provisions of EIA Notification, 2006 subject to the stipulation of specific conditions and general conditions based on project specific requirements. The EAC categorically noted that the recommendation to grant EC is technical in nature under the provisions of the EIA Notification 2006, and subject to the fulfilment of commitments made by the PP to secure all the permissions/ approvals/ consents from Central/ State Authorities, as may be required. The recommendation does not create an obligation for authorities that handle issues related and relevant to construction and operation of the project under other independent procedures/ statutes, including the provisions stipulated in the Land Acquisition (R&R) Act, 2013.

Decision of MoEFCC:

9. The MoEF&CC has examined the proposal in accordance with the Environment Impact Assessment (EIA) Notification, 2006 & further amendments thereto and after accepted the recommendations of the Expert Appraisal Committee (Industry-1 Sector) that the recommendation to grant EC is technical in nature under the provisions of the EIA Notification 2006, and subject to the fulfilment of commitments made by the PP to secure all the permissions/ approvals/ consents from Central/ State Authorities, as may be required. The recommendation does not create an obligation for authorities that handle issues related and relevant to construction and operation of the project under other independent procedures/ statutes, including the provisions stipulated in the Land Acquisition (R&R) Act, 2013. Accordingly, it is hereby decided to

grant **Environment Clearance for instant proposal of M/s. ArcelorMittal Nippon Steel India Limited (AMNSIL)** under the provisions of EIA Notification, 2006 subject to the 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
Email-d.runiwal@gov.in

Copy To

1. The Principal Secretary, Environment and Forests Department Secretariat, Government of Andhra Pradesh, B Block, Secretariat, Hyderabad-500004
2. The Director General of Forest, Ministry of Environment, Forest and Climate Change, New Delhi.
3. The Principal Chief Conservator of Forests, Government of Andhra Pradesh, Aranya Bhawan, Hyderabad-500 004
4. Inspector General of Forests, Integrated Regional Office, Ministry of Environment, Forest and Climate Change, Vijayawada Green House Complex, Vijayawada, Andhra Pradesh 520010
5. The Member Secretary, Central Pollution Control Board, Parivesh Bhawan, East Arjun Nagar, Delhi - 110032
6. The Member Secretary, Andhra Pradesh Pollution Control Board, D.No. 33-26-14 D/2, Near Sunrise Hospital, Pushpa Hotel Centre, Chalamalavari, Street, Kasturibaipet, Vijayawada – 520010
7. The Member Secretary, Central Ground Water Authority, Jamnagar House, 18/11, Man Singh Road Area, New Delhi, Delhi 110001
8. The Chief Wildlife Warden, Govt. of Andhra Pradesh, Aranya Bhawan, Saifabad, Hyderabad-500004
9. The District Collector, District Anakapalli, Andhra Pradesh
10. Monitoring Cell, Ministry of Environment, Forest and Climate Change, Indira Paryavaran Bhawan, Jor Bagh Road, New Delhi.
11. Guard File/Monitoring File/Record File/ MoEF&CC Website/ Parivesh Portal

Annexure 1

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

1. Specific

S. No	EC Conditions
1.1	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.
1.2	The project proponent 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.
1.3	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.
1.4	PP shall extend full cooperation and provide all necessary support to the District Administration, Government of Andhra Pradesh, for timely implementation of the statutory Rehabilitation and Resettlement (R&R) programme for villages identified by the District Administration, namely Chandanada (Part), Patimeeda (Part), Thammayyapeta, Kothuru and Mulaparra, including development of the R&R colony at Chinnabodugullam Village, in accordance with applicable laws, policies and directions of the competent authority.
1.5	PP shall implement the village-specific environmental safeguard and mitigation measures committed for nearby habitations and sensitive receptors, including villages such as Kotta Amalapuram, Butchirajupeta, Amalapuram, Rajayyapeta and Boyapadu, and sensitive locations including Donevani Lakshmipuram Reserved Forest, with earmarked budgets. These measures shall include strengthening of greenbelt around the plant periphery, dust suppression, traffic management and other impact-mitigation actions, and shall be supplementary to, and not in substitution of, the statutory R&R obligations of the District Administration. As committed, PP shall spend a total budget of 902.5 lakhs (9.025 crores) for environmental safeguard measures covering key receptors in the project area, which includes 614.5 lakhs for nearby villages (schools and temples), 88 lakhs for protection of the Upputeru Water Tank, 600 lakhs for creek protection (already covered in CER Budget), and 200 lakhs for safeguarding the DL Puram Reserved Forest.
1.6	All such villages and sensitive receptors shall be appropriately covered under the environmental monitoring programme during construction and operation phases, and compliance status shall be reported periodically.
1.7	No tree felling shall be undertaken without prior approval of the competent authority and shall strictly comply with all conditions stipulated in the tree-felling permission issued by the State Forest Department. PP shall implement the Biodiversity Improvement Plan, including development of a greenbelt, in a phased manner with preference to native species, and shall monitor and report the status of greenbelt development and survival as part of environmental compliance.
1.8	Project Proponent shall, in consultation with a reputed public health institution/agency, carry out a baseline and periodic epidemiological study of the nearby villages to assess potential health impacts arising from project activities. Based on the findings, the project proponent shall establish and implement a health monitoring system for regular medical check-ups of the local population, and take suitable preventive and remedial measures to address any adverse health outcomes, with records maintained and reported to the concerned regulatory authorities.

S. No	EC Conditions
1.9	An approved Creek Conservation and Protection Plan for Upputeru creek in a time-bound manner, including Zero Liquid Discharge (ZLD), maintenance of greenbelt/buffer, stormwater segregation, and seasonal monitoring of physico-chemical and biological parameters through MoEFCC/NABL-accredited agencies shall be implemented. Compliance shall be monitored and reported as part of environmental compliance. The industry shall coordinate with APIIC, and take required measures to preserve the stretch of the creek lying outside its premises.
1.10	Bay of Bengal is at a distance of 0.60 km in SE of the project site. Further, it is observed that there are other water bodies within the study area of the project site. Robust and foolproof Drainage Conservation measures to protect the natural drainage and its flow parameters; along with Soil conservation scheme and multiple Erosion control measures shall be implemented.
1.11	PP shall undertake marine and estuarine ecological monitoring (plankton, benthic fauna, and sediment quality) twice a year through a recognized institute to ensure long-term ecological protection of coastal waters.
1.12	The water requirement for the proposed project is estimated as 1,24,584 m ³ /day, out of which 1,03,968 m ³ /day of fresh water requirement will be obtained from the Polavaram Left Main Canal and the remaining requirement of 2,376 m ³ /day will be met from the recovered water from iron slurry received at the site and 18,420 m ³ /day will be met from treated wastewater within the facility. PP shall obtain necessary permission from the Competent Authority. PP shall also implement measures to progressively reduce the plant's overall water footprint through enhanced recycling, reuse, and process optimization. A roadmap with measurable annual reduction targets shall be prepared and implemented, in consultation with APPCB and RO MoEFCC.
1.13	PP shall not use groundwater during the operation phase of the project. Groundwater abstraction, if any, shall be restricted strictly for up to December 2026. PP shall ensure commissioning of the dedicated water pipeline from the Polavaram Canal as committed, and no extension of groundwater use beyond the stipulated period shall be permitted
1.14	PP shall ensure installation VOC monitoring systems in and around the Coke Oven Batteries and By-product Recovery Unit, integrate the same with the plant DCS, and carry out ambient VOC monitoring through the AAQM network. Wind-breaking walls, peripheral greenbelt strengthening, and pollution control measures for pickling and galvanising units, including fume extraction with wet scrubbers and disposal of sludge to authorized TSDF, shall be implemented.
1.15	Project Proponent shall progressively explore and implement, in a phased manner, the adoption of electric vehicles (EVs) for onsite material-handling equipment, company-owned fleets and employee transport, and low-emission options for road-based transport of raw materials and finished products, in alignment with the National Electric Mobility Mission Plan (NEMMP) and the national decarbonization roadmap, as committed. Progress shall be reviewed and reported as part of environmental compliance. Accordingly, 10% of the transportation fleet shall comprise of EVs within 3 years. A detailed plan may be submitted to concerned RO MoEFCC in this regard, along with half yearly compliance report
1.16	Green Belt shall be developed and maintained in the project area in conformity with MoEF&CC OM vide F.No. IA3-22/14/2025-IA.III (E-275538) dated 29.10.2025. As committed, PP shall develop greenbelt over an area of about 272 ha, accounting for 33% of the effective project area i.e. including hillock, within a period of 3 years. PP shall ensure maintaining a greenbelt on the hillock area, as committed in the approved Greenbelt Development Plan, ensuring that the

S. No	EC Conditions
	hillock area itself is excluded from construction and disturbance. Compliance status in this regard, shall be submitted to concerned Regional Office of the MoEF&CC.
1.17	The PP shall undertake plantation, in compliance to MoEFCC OM dated 24.07.2024, in the earmarked 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 (https://merilife.nic.in)
1.18	All the commitments made towards socio-economic development of the nearby villages 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, which is amounting to approx. Rs. 400 Crores. The action plan shall also cover activities related to (i) promotion of environmental education and awareness (including green skills), and (ii) sub-plan to address the vulnerable sections (such as the elderly, children, pregnant women, persons with disabilities, and the terminally ill). An institutional mechanism shall be developed for monitoring the implementation of the commitments made, which shall also manage and address public grievances. The progress of implementation of PH Action plan and grievance redressal shall be submitted regularly to the Regional Office of MoEF&CC.
1.19	Project Proponent shall implement the approved Waste Management Plan in accordance with applicable rules, ensure e-waste and plastic waste are handled through authorized recyclers with compliance to Extended Producer Responsibility (EPR) wherever applicable, and adopt circular economy principles to maximize reuse, recycling and recovery of all wastes. The resource recovery and waste utilization plan shall be periodically reviewed and reported as part of environmental compliance.
1.20	Project Proponent shall progressively reduce the emission intensity of the plant to 1.8 t CO ₂ per tonne of crude steel in a phased manner. Project Proponent shall comply with the emission-intensity norms notified by the Government of India under the National Mission on Green Steel or any other applicable framework, as may be applicable to it. Progress on emission-intensity reduction shall be periodically reviewed and reported as part of environmental compliance.
1.21	PP shall implement the skill development programs, in alignment with relevant Government initiatives/ programmes (like Mission LiFE, ODOP, GSDP etc.) to enhance employability and livelihood opportunities for local communities. These programs shall be designed in consultation with the concerned authorities, such as the District Skill Development Mission, State Government agencies, or other relevant institutions. A detailed action plan and monitoring mechanism (covering target beneficiaries, training modules, and expected outcomes) be prepared for the above. Periodic progress reports shall be maintained, and submitted to RO MoEFCC.
1.22	PP shall prepare and implement site-specific climate resilience and disaster preparedness measures for the coastal and cyclone-prone location, in coordination with the concerned State agencies, covering structural design considerations, emergency response mechanisms, and restoration planning, in accordance with NDMA and IMD guidelines.
1.23	PP shall operationalise adoption of ArcelorMittal global/ Japanese best practices, in collaboration with Nippon Steel and other relevant institutions, in areas including environmental management and governance, internal and external education, water resource management and recycling, climate change mitigation and decarbonisation, waste minimisation and circular

S. No	EC Conditions
	economy, skill development, sustainability reporting, and disaster risk management, including cyclone preparedness. PP shall periodically review and report the outcomes of such initiatives as part of environmental compliance.
1.24	PP shall Install CO sensors with alarms at strategic locations in the Plant.
1.25	PP shall implement cleaner production and waste minimisation measures, and initiate coordinated action on activities of environmental awareness, education and conservation (covering plantation, solar energy, water harvesting, waste management, green skills etc.) through a dedicated institutional mechanism. The actions shall be monitored reported to RO MoEFCC on regular basis through the self compliance reporting mechanism.
1.26	PP shall establish a dedicated in-house Research & Development (R&D) cell aimed at identifying, evaluating, and implementing emerging clean technologies. The focus of this cell will be on enhancing process efficiency, minimizing waste generation, and promoting circular economy practices within the plant operations. The effectiveness of the R&D initiatives shall be reviewed periodically, and outcomes contributing to sustainability shall be documented and reported
1.27	The project proponent shall conduct periodic soil health monitoring in and around the plant premises, including agricultural fields within a 5 km radius, to assess potential impacts from industrial operations. Soil samples shall be analyzed at least twice a year for parameters including pH, electrical conductivity, organic carbon, macronutrients (N, P, K), micronutrients (Zn, Fe, Mn, Cu), and heavy metals (As, F, Pb, Hg, Cd, Cr). The results shall be recorded, compiled and submitted to the State Pollution Control Board and Regional Office of MoEF&CC, and remedial measures shall be undertaken in case of any adverse trends.
1.28	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.
1.29	Quarterly monitoring of surface and groundwater quality in nearby habitations and water bodies shall be undertaken and submitted to the Regional Office, MoEF&CC.
1.30	Covered conveyors shall be used for raw material transport wherever feasible.
1.31	As committed, PP shall sponsor two students to Japan for enhancing their education and skills from the nearby villages every year, and compliance may be reported through six monthly compliance report.
1.32	PP has submitted during appraisal that the slurry pipeline alignment shall not require EC due to non-involvement of national parks / sanctuaries / coral reefs, ecologically sensitive areas. However, in case there is a change in alignment leading to involvement of national parks / sanctuaries / coral reefs, ecologically sensitive areas, PP shall secure all the required approvals/ permissions, including EC under the provisions of EIA Notification 2006.
1.33	Necessary coordination shall be made with concerned SPCB/ UTPCC (who is responsible for Compliance of OM dated 14-01-2025, as amended) regarding streamlining the implementation

S. No	EC Conditions
	of GSR 702 and GSR 703 dated 12-11-2024, <u>if not done before appraisal</u> , through which projects requiring prior EC were exempted from requirement of CTE

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.
2.2	The project proponent shall carryout Continuous Ambient Air Quality monitoring for common/criterion parameters relevant to the main pollutants released (e.g. PM10 and PM2.5 in reference to PM emission, and SO2 and NOx in reference to SO2 and NOx emissions) within and outside the plant area (at least at four locations one within and three outside the plant area at an angle of 120° each), covering upwind and downwind directions.
2.3	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.
2.4	Sampling facility at process stacks shall be provided as per CPCB guidelines for manual monitoring of emissions.
2.5	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.

S. No	EC Conditions
2.6	The project proponent shall provide leakage detection and mechanized bag cleaning facilities for better maintenance of bags.
2.7	Sufficient number of mobile or stationery vacuum cleaners shall be provided to clean plant roads, shop floors, roofs, regularly.
2.8	Ensure covered transportation and conveying of raw material to prevent spillage and dust generation. 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	Design the ventilation system for adequate air changes as per prevailing norms for all tunnels, motor houses, Oil Cellars.
2.12	Pollution control system in the plant shall be provided as per the CREP Guidelines of CPCB.
2.13	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.
2.14	Bag filters shall be cleaned regularly and efficiency of bag filter system shall be monitored at regular intervals.
2.15	Water Sprinklers/Water mist system shall be installed near raw material yards, operational units and other strategic locations to control fugitive emissions from the plant.
2.16	The particulate matter emissions from the process stacks shall be less than 30 mg/Nm ³ and measures shall be undertaken as per the submitted action plan. Efficient Air monitoring equipment shall be installed.
2.17	Following additional arrangements to control fugitive dust shall be provided: a. Fog / Mist Sprinklers at all on bulk raw material storage area (at the transfer points) like Iron Ore, Coal and for Fly Ash and similar solid waste storage areas. b. Proper covered vehicle shall be used while transport of materials. c. Wheel washing mechanism shall be provided in entry and exit gates with complete recirculation system.
2.18	Dry quenching (CDQ) system shall be installed along with power generation facility from waste heat recovery from hot coke
2.19	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). Land-based APC system shall be installed to control coke pushing emissions.

S. No	EC Conditions
2.20	Monitor CO, HC and O2 in flue gases of the coke oven battery to detect combustion efficiency and cross leakages in the combustion chamber.
2.21	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.
2.22	The coke oven gas shall be subjected to desulphurization if the sulphur content in the coal exceeds 1%.
2.23	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.
2.24	The coal dust should be monitored at coal unloading, crushing, furnace areas and should be within 2 mg/m ³ , respirable dust fraction containing less than 5% quartz as per Indian Factories Act, 1948.
2.25	Basic Oxygen Furnace (BOF) gas shall be cleaned dry.
2.26	Online stack monitoring system for IF and RHF shall be installed and monitoring report shall be submitted to the concerned Regional Office of the MoEF&CC along with the six monthly compliance report.
2.27	Low NO _x Burners will be installed at Reheating Furnace for control of Gaseous emissions generated while using PNG.

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 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	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.
3.4	Water meters shall be provided at the inlet to all unit processes in the plants.
3.5	The project proponent shall make efforts to minimise water consumption in the plant complex by segregation of used water, practicing cascade use and by recycling treated water.
3.6	The proposed project shall be designed as Zero Liquid Discharge Plant. ETP shall be installed and

S. No	EC Conditions
	there shall be no discharge of effluent from the plant. Domestic effluent shall be treated in Sewage Treatment Plant. Suitable measures shall be adopted for sewage water handling to ensure no contamination of any kind of water body.
3.7	All stockyards shall have impervious flooring and shall be equipped with water spray system for dust suppression. Stock yards shall also have garland drains and catch pits to trap the run off material and shall be implemented as per the action plan submitted in EIA/EMP report.
3.8	Rain water harvesting shall be implemented to recharge/harvest water as per the action plan submitted in the EIA/EMP report.

4. Water Quality Monitoring And Preservation In Case Of Rolling Mills

S. No	EC Conditions
4.1	The project proponent shall provide the ETP for effluents of rolling mills to meet the standards prescribed in G.S.R 277 (E) 31st March 2012 (applicable to IF/EAF) as amended from time to time.
4.2	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.
4.3	Treated water from ETP of COBP shall not be used for coke quenching.
4.4	Air Cooled condensers shall be used in the captive power plant.

5. Noise Monitoring And Prevention

S. No	EC Conditions
5.1	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.
5.2	The ambient noise levels should conform to the standards prescribed under E(P)A Rules, 1986 viz. 75 dB(A) during day time and 70 dB(A) during night time.
5.3	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.

6. Energy Conservation Measures

S. No	EC Conditions
6.1	Use torpedo ladle for hot metal transfer as far as possible. If ladles not used, provide covers for open top ladles.
6.2	Restrict Gas flaring to < 1%.

S. No	EC Conditions
6.3	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;
6.4	Provide LED lights in their offices and residential areas.

7. Energy Conservation Measures In Case Of Reheating Furnace

S. No	EC Conditions
7.1	The project proponent shall provide waste heat recovery system (pre-heating of combustion air) at the flue gases of reheating furnaces.
7.2	Practice hot charging of slabs and billets/blooms as far as possible.
7.3	Ensure installation of regenerative type burners on all reheating furnaces

8. Energy Conservation Measures In Case Of Blast Furnace

S. No	EC Conditions
8.1	Blast Furnaces 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.
8.2	Coke Dry Quenching (CDQ) shall be provided for coke quenching for both recovery and non-recovery type coke ovens.

9. Waste Management

S. No	EC Conditions
9.1	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.
9.2	Kitchen waste shall be composted or converted to biogas for further use.
9.3	100% utilization of fly ash shall be ensured. All the fly ash shall be provided to cement and brick manufacturers for further utilization and Memorandum of Understanding in this regard shall be submitted to the Ministry's Regional Office.
9.4	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 https://cpcb.nic.in/technical-guidelines-3/ . 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

S. No	EC Conditions
	being submitted by the project proponents.
9.5	A proper action plan must be implemented to dispose of the electronic waste generated in the industry.
9.6	Solid waste utilization: a. 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. b. PP shall recycle/reuse solid waste generated in the plant as far as possible. c. Used refractories shall be recycled as far as possible.

10. Waste Management In Case Of Sinter Plant

S. No	EC Conditions
10.1	SMS slag after metal recovery in waste recycling facility shall be conditioned and used for road making, railway track ballast and other applications. The project proponent shall install a waste recycling facility to recover metallic and flux for recycle to sinter plant. The project proponent shall establish linkage for 100% reuse of rejects from Waste Recycling Plant.
10.2	Carbon recovery plant to recover the elemental carbon present in GCP slurries for use in Sinter plant shall be installed.
10.3	Waste recycling Plant shall be installed to recover scrap, metallic and flux for recycling to sinter plant and SMS.
10.4	In case of Non-Recovery coke ovens, the gas main carrying hot flue gases to the boiler, shall be insulated to conserve heat and to maximise heat recovery.
10.5	Tar Sludge and waste oil shall be blended with coal charged in coke ovens (applicable only to recovery type coke ovens).

11. Green Belt

S. No	EC Conditions
11.1	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.
11.2	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.
11.3	Greening and Paving shall be implemented in the plant area to arrest soil erosion and dust pollution from exposed soil surface.

12. Public Hearing And Human Health Issues

S. No	EC Conditions
12.1	Emergency preparedness plan based on the Hazard identification and Risk Assessment (HIRA) and Disaster Management Plan shall be implemented.
12.2	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.
12.3	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, creche etc. The housing may be in the form of temporary structures to be removed after the completion of the project.
12.4	Occupational health surveillance of the workers shall be done on a regular basis and records maintained.

13. Environment Management

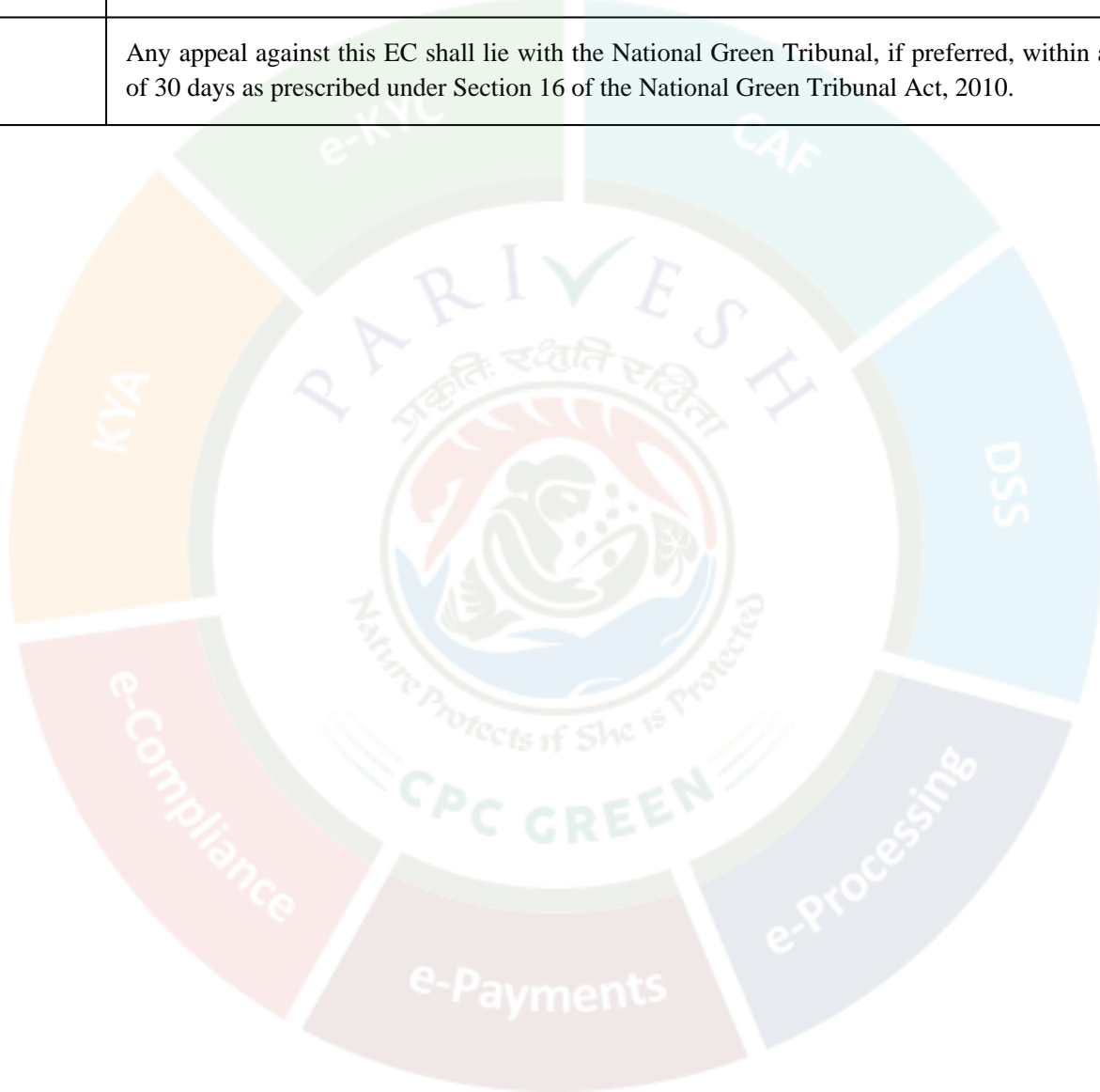
S. No	EC Conditions
13.1	The project proponent shall comply with the provisions contained in this Ministry's OM vide F.No. 22-65/2017-IA.III dated 30/09/2020. As part of Corporate Environment Responsibility (CER) activity, company shall adopt nearby villages based on the socio-economic survey and undertake community developmental activities in consultation with the village Panchayat and the District Administration as committed.
13.2	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 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.
13.3	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.
13.4	Performance test shall be conducted on all pollution control systems every year and report shall be submitted to Integrated Regional Office of the MoEF&CC.

14. Miscellaneous

S. No	EC Conditions
14.1	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.

S. No	EC Conditions
14.2	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.
14.3	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.
14.4	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.
14.5	Action plan for developing connecting and internal road in terms of MSA as per IRC guidelines shall be implemented
14.6	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.
14.7	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.
14.8	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.
14.9	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.
14.10	The recommendations of the approved Site-Specific Wildlife Management Plan (in case of involvement of Schedule-I species) 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.
14.11	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.
14.12	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).
14.13	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.

S. No	EC Conditions
14.14	The Ministry may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.
14.15	The Ministry reserves the right to stipulate additional conditions if found necessary. The Company in a time bound manner shall implement these conditions.
14.16	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.
14.17	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.



S. No	Particulars	Details										
		Date of application	Consideration	Details	Date of accord	ToR Validity						
a.	Terms of Reference for undertaking EIA study	12.02.2025	1 st EAC Meeting held during - 3 rd , 4 th & 7 th April, 2025	Terms of Reference (TOR)	27.04.2025	26.04.2029						
b.	Period of baseline data collection	March 2025 to May 2025										
c.	Date of Public Consultation	27.09.2025										
d.	Action plan to address the PH issues	Action plan as per MoEF&CC O.M. dated 30/09/2020 to address the issues raised during public hearing with a budget of Rs. 400 Crores is attached as Annexure IV .										
e.	Location of the project	Butchirajupeta, Chandanada, D L Puram, Rajayyapeta and Vempadu Villages, Nakkapalli Mandal, Anakapalli District, Andhra Pradesh										
f.	Total land	Total project land area is 817.48 ha (2020 acres)										
g.	Land acquisition details as per MoEF&CC O.M. dated 7/10/2014	Total project land area is 817.48 ha (2020 acres) consisting of 777.01 ha (1920 acres) industrial area (erstwhile Nakkapalli Industrial Park (IP), APIIC) and 40.47 ha (100 acres) private land. AMNSIL has received provisional allotment orders from the Zonal Manager, APIIC, for land measuring 2,080.76 acres in the Nakkapalli cluster, located in the villages of Butchirajupeta, Chandanada, D. L. Puram, Rajayyapeta, and Vempadu in Nakkapalli Mandal, Anakapalli District, Andhra Pradesh, vide File No. INC52/6/2025-DZM (AM)-APIIC-ANKP dated 07.02.2025. Out of the total area, AMNSIL proposes to establish the Integrated Steel Plant (ISP) over 2,020 acres. Further, PP informed that APIIC has obtained amendment in EC w.r.t. exclusion of said land from its existing EC to prevent duplication of environmental approvals for the same parcel of land in pursuance to ToR condition. .										
h.	Existence of habitation & involvement of R&R, if any	<p>Habitation: Project site: Chandanada (Part), Patimeeda (Part), Thammayyapeta, Kothuru and Mulaparra. Within the proposed project site, five villages have been identified for the potential implementation of the Rehabilitation and Resettlement (R&R) Program by the District Administration of the Government of Andhra Pradesh (GoAP).</p> <p>Study Area:</p> <table border="1"> <thead> <tr> <th>Habitation</th> <th>Distance (km)</th> <th>Direction</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>					Habitation	Distance (km)	Direction			
Habitation	Distance (km)	Direction										

S. No	Particulars	Details																				
		Kotta Amalapuram	Adjacent	S																		
		Butchirajupeta	Adjacent	N																		
		Amalapuram	0.17	N																		
		Rajayyapeta	0.71	S																		
		Boyapadu	0.08	E																		
		Nellipudi	1.98	W																		
		Narsapuram	1.10	N																		
		<p>R&R: The Resettlement and Rehabilitation (R&R) studies have been undertaken by the District Administration, Government of Andhra Pradesh, with an estimated budget of ₹198 crores. The R&R colony has been designated at Chinnabodugullam Village, located approximately 6.0 km from the proposed project site. Development works for the colony have already been initiated.</p>																				
i.	Elevation of the project site	27-49 m above mean sea level																				
j.	Involvement of Forest land if any.	<p>The proposed project site does not fall within any designated forest area; hence, Forest Clearance is not applicable. A No Objection Certificate (NOC) has been issued by the Office of the District Forest Officer (DFO), Anakapalli Division, Government of Andhra Pradesh, vide RC No. 1196/2025–TO dated 14.08.2025, confirming that no forest land is involved within the proposed project area.</p>																				
k.	Water body exists within the project site as well as study area	<p>Project site: None</p> <p>Within Study area</p> <table border="1" data-bbox="472 1305 1185 1541"> <thead> <tr> <th>Waterbody</th> <th>Distance</th> <th>Direction</th> </tr> </thead> <tbody> <tr> <td>Bay of Bengal Sea</td> <td>0.60 km</td> <td>SE</td> </tr> <tr> <td>Nearest Water Tank</td> <td>0.11 km</td> <td>E</td> </tr> <tr> <td>Upamaka Lake</td> <td>3.0 km</td> <td>N</td> </tr> <tr> <td>Polavaram Left Main Canal</td> <td>5.73 km</td> <td>N</td> </tr> <tr> <td>Tandava Nadi</td> <td>6.04 km</td> <td>WSW</td> </tr> </tbody> </table>			Waterbody	Distance	Direction	Bay of Bengal Sea	0.60 km	SE	Nearest Water Tank	0.11 km	E	Upamaka Lake	3.0 km	N	Polavaram Left Main Canal	5.73 km	N	Tandava Nadi	6.04 km	WSW
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l.	Existence of ESZ / ESA / national park / wildlife Sanctuary / biosphere Reserve / tiger reserve / elephant reserve etc. if any within	<p>The proposed project site does not fall within any National Park, Wildlife Sanctuary, or Biosphere Reserve. No Olive Ridley turtle nesting or hatching sites are located within a 10 km radius, as confirmed by the District Forest Officer (DFO), Anakapalli Division, Government of Andhra Pradesh, in the letter vide RC No. 1196/2025–TO dated 14.08.2025.</p>																				

S. No	Particulars	Details		
	the study area			
m.	Project cost	The total cost of the project is Rs.67,345 crores		
n.	EMP cost	EMP	Capital	Recurring
			Rs. 3540 Crores	Rs. 355 Crores/year
o.	Employment opportunity	Total employment generation during construction phase would be about 23000 considering peak requirement, of which Direct manpower requirement would be about 800 while Indirect requirement would be about 22200. During the operation phase, the Direct manpower requirement is estimated to be about 3000 and Indirect requirement would be around 4500 for operations and maintenance. Employment to the locals will be considered based on meeting the criteria suitable for the job rolls.		
p.	Water and Power requirement	<p>The water requirement for the proposed project is estimated as 1,24,584 m³ /day, out of which 1,03,968 m³/day of fresh water requirement will be obtained from the Polavaram Left Main Canal and the remaining requirement of 2,376 m³ /day will be met from the recovered water from iron slurry received at the site and 18,420 m³ /day will be met from treated wastewater within the facility.</p> <p>The power requirement for the proposed project is estimated as 867 MW, out of which 227 MW [<i>consisting of 147 MW By product Gas based Power plant, 36 MW from TRT Power Plant of Blast furnace and 44 MW Coke Dry Quenching (CDQ) power</i>] will be met through captive generation, and the remaining 640 MW will be sourced from the grid.</p>		
q.	CPA/SPA	No		

The unit configuration and capacity of proposed project are provided below.

Sl. No	Plant	Capacity	Configuration
1	Coke Oven	3.0 MTPA	4 X 67 Oven
2	Sinter Plant	5.3 MTPA	1X 496 SQM
3	Pellet Plant	14.0 MTPA	2 X 816 SQM
4	Blast Furnace	8.0 MTPA	2 X 4500 SQM
5	BOF	8.6 MTPA	3 X 350 T
6	Ladle Furnace (LF) + Ruhrstal Heraeus Degasser Unit (RH)	8.6 MTPA	3 X 350 T
7	Slab Caster	5.5 MTPA	2X2 Strand
8	HSM	5.4 MTPA	High Capacity HSM
9	Cold Rolling Mill	2.5 MTPA	<ul style="list-style-type: none"> • Continuous Annealing Line (CAL)=0.9 MTPA • Continuous Galvanizing Line (CGL)=1.0 MTPA • Continuous Colour Coating Line (CCL)=0.4 MTPA
10	TSCR	3.0 MTPA	Compact Rolling Facility
11	Power Plant	227 MW	227 MW
	By Product Gas based Captive Power	147 MW	147 MW
	CDQ Power Generation	44 MW	44 MW
	TRT Power Generation	36 MW	36 MW
12	Dolomite Calcination Plant	600 TPD	1 X 600
13	Lime Calcination Plant	2400 TPD	4X 600
14	Oxygen Plant	6000 TPD	2 X 3000

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

Sl. No.	Physical Targets	Year wise Budget allocation					Total budget allocation in Cr.
		1 st year	2 nd year	3 rd year	4 th year	5 th year	
A	<p>Based on the needs and responses of the public during the conducting of public consultation (which is an important component of the EIA of the proposed project) and primary & secondary data collection in the study area, a comprehensive Need-based CER/Social mitigation Action plan with adequate funding to the tune of Rs. 400 Crs, has been formulated and the same will be implemented within 5- years after grant of EC and starting of the construction of the project.</p> <p>AMNSIL's commitment voluntarily exceeds the specific requisitions raised during the Public Hearing, notably through the development and maintenance of a Sports Academy as a permanent, long-term community asset.</p> <p>This comprehensive Need-based CER/Social Mitigation Action Plan will be formalized in strict consultation with the State Government and District Authorities to ensure alignment with local development priorities.</p> <p>As stipulated in the Minutes of Meeting (MoM), implementation will focus on immediate and priority intervention in the following villages: Rajayyapeta, Butchirajupeta, Chandanada, DL Puram, Amalapuram, Kagitha, Boyapadu, and Upamaka Agraharam. The scope of the CER activities will subsequently be extended to encompass other villages located within the project Study Area.</p>						
1.	<p>Education Development</p> <ul style="list-style-type: none"> • Upgradation and modernization of Government schools and colleges. • Upgradation/modernisation of Model Anganwadi Centres with improved infrastructure and child-friendly learning environments. • Implementation of SMART Classrooms equipped with projectors, computers, and internet connectivity to promote digital learning. • Enhancement of basic amenities and provision of adequate teaching and learning materials. • Establishment of Vocational Training Centre for skill-based education and employment-oriented training. 	3	5	4	4	4	20

Sl. No.	Physical Targets	Year wise Budget allocation					Total budget allocation in Cr.
		1 st year	2 nd year	3 rd year	4 th year	5 th year	
	<ul style="list-style-type: none"> Installation of solar panels in Government schools to promote clean energy use. Establishment of village and mobile libraries to ensure access to learning resources in remote areas. Conduct of teacher training and capacity-building programmes to enhance the quality of education. 						
2.	<p>Skill Development/ Sustainable Lively hood</p> <ul style="list-style-type: none"> Establishment of Skill Development Centres & Upgradation and modernisation of ITIs under PM-SETU Scheme to improve youth employability by enhancing technical and vocational skills etc. Organization of training programs on organic farming and sustainable agricultural practices to promote environmentally responsible livelihoods. Support for soil fertility improvement programmes, to assist farmers in adopting scientific soil management practices. Facilitation of partnerships with institutions such as NABARD and BAIF for implementing Natural Resource Management (NRM) and livelihood enhancement projects in the region. 	5	8	8	5	4	30
3.	Health & Sanitation - Support women/girl health care, Infrastructure development and Health camps.	3	6	6	6	4	25
4.	Infrastructure Development	3	6	6	6	4	25

Sl. No.	Physical Targets	Year wise Budget allocation					Total budget allocation in Cr.
		1 st year	2 nd year	3 rd year	4 th year	5 th year	
	<ul style="list-style-type: none"> Implementation of community drinking water projects and development of community multipurpose centres for social and public use. Support for link roads development to improve connectivity and provision of garbage-handling vehicles to strengthen village-level solid waste management. Support for rural water supply Support for Establishment of Nature-Based Solutions (NBS) for decentralized sewage treatment to encourage eco-friendly wastewater management. Support in establishing the RWH in the areas 						
5.	Sports and Youth Development – Development of Existing Playgrounds at villages, Sport Material support to the schools at villages	3	5	4	4	4	20
6.	Environment & Ecological development – <ul style="list-style-type: none"> Installation of rooftop solar systems in Government institutions to promote renewable energy utilization and reduce dependence on conventional power sources. Development of customized rainwater harvesting systems in public buildings such as schools, colleges, and hospitals to enhance water conservation and groundwater recharge. Development of roadside greenbelts and community parks to improve local air quality, aesthetics, and ecological balance. 	3	5	4	4	4	20

Sl. No.	Physical Targets	Year wise Budget allocation					Total budget allocation in Cr.
		1 st year	2 nd year	3 rd year	4 th year	5 th year	
	<ul style="list-style-type: none"> Active participation in regional watershed development programmes to strengthen soil and water conservation measures. Execution of watershed management projects Creek protection and restoration programmes to maintain natural drainage systems and prevent siltation or contamination. Mangrove plantation aimed at improving coastal resilience and biodiversity. Biodiversity conservation and ecological monitoring programmes to protect sensitive species and habitats. Coordination with Forest Department for Turtle conservation initiatives, including establishment of hatchery support systems and awareness activities for local fishing communities. 						
7.	<p>Women Empowerment through:</p> <ul style="list-style-type: none"> Upgradation and modernization of more than Anganwadi Centres, equipped with improved infrastructure, modern facilities, and child-friendly learning materials. Implementation of gender sensitization and leadership development programmes to build confidence, awareness, and participation of women in local governance and community decision-making. Organization of digital literacy and computer training programmes for over enabling them to enhance employability and access digital platforms for entrepreneurship and services. Supporting Anganwadi Centres for establishment of day-care 	3	6	6	6	4	25

Sl. No.	Physical Targets	Year wise Budget allocation					Total budget allocation in Cr.
		1 st year	2 nd year	3 rd year	4 th year	5 th year	
	<p>centres for working mothers, ensuring safe and supportive spaces for child care and early learning.</p> <p>Job Placement Programs:</p> <ul style="list-style-type: none"> • Comprehensive skill development programs for rural women. • Promotion of supply chain policies to support and prioritize local women-owned businesses. • Strengthening of Women's Self-Help Groups (SHGs). • Creation of skill-to-job pathways, particularly for single mothers and rural women. • Provision of market linkage support to enhance visibility and income opportunities for women entrepreneurs. <p>Health & Wellbeing for Women: Women's health and wellness centre, Mental Health Support and Nutrition Workshops.</p>						
8.	<p>Support to Married girls and old people:</p> <ul style="list-style-type: none"> • Capacity building and skill development programmes aimed at enhancing employability and self-reliance among married women and elderly persons. • Provision for direct training costs, administrative expenses, and infrastructure support to ensure effective implementation of livelihood initiatives. • Vocational training in diverse sectors such as electronics, computer education, garment making, coir spinning, healthcare, retail, and handicrafts to promote sustainable income generation. 	1	3	2	2	2	10

Sl. No.	Physical Targets	Year wise Budget allocation					Total budget allocation in Cr.
		1 st year	2 nd year	3 rd year	4 th year	5 th year	
	<ul style="list-style-type: none"> Entrepreneurship development support through Self-Help Groups (SHGs), focusing on business management and enterprise creation. Training in digital literacy and entrepreneurial skills to strengthen women-led and senior citizen-led livelihood initiatives. 						
9.	<p>Establishment of Committee under District Administration Guidance:</p> <p>Funds are allocated to establish and maintain a Central Beneficiary Committee that represents all villages across Study Area.</p> <p>This body will be constituted in consultation with, and function under the guidance of, the District Administration.</p> <p>The cost breakdown includes training, infrastructure, and administrative support to ensure the Committee serves as an effective interface for the entire region.</p>	1	3	2	2	2	10
10.	<p>Livelihood and Employment Generation:</p> <ul style="list-style-type: none"> Establishment of modern Skill Development Centre offering industry-aligned training programs to enhance employability. Provision of merit-based scholarships for deserving students based on need and academic performance. Higher education sponsorships for economically disadvantaged students to promote inclusive learning opportunities. 	2	5	3	3	2	15

Sl. No.	Physical Targets	Year wise Budget allocation					Total budget allocation in Cr.
		1 st year	2 nd year	3 rd year	4 th year	5 th year	
	<ul style="list-style-type: none"> • Skill Development & Institutional Linkages: Strategic collaboration and formal tie-ups with local Industrial Training Institutes (ITIs) and Polytechnic Colleges. • This initiative focuses on introducing and supporting steel industry-specific trades and upgrading technical training infrastructure within these existing institutions to enhance local employability. • Implementation of entrepreneurship development and incubation programmes to encourage innovation and self-employment. • Organization of placement drives and facilitation of industry linkage programmes for trained candidates. • Provision of start-up support for promising entrepreneurs to promote local enterprise development. 						
11.	<p>AMNSIL commits to a holistic program designed to secure and enhance the income of the fishing community by modernizing the marine value chain and fostering alternative entrepreneurship.</p> <p>The program focuses on Yield Optimization through training and modern tools to improve traditional catch efficiency.</p> <p>Livelihood Diversification into high-value Aquaculture and Mariculture, supported by infrastructure like sea cages and Biofloc systems.</p> <p>Value Addition through Cold Chain logistics (iceboxes etc) and Market</p>	2	5	7	4	2	20

Sl. No.	Physical Targets	Year wise Budget allocation					Total budget allocation in Cr.
		1 st year	2 nd year	3 rd year	4 th year	5 th year	
	<p>Linkage support to maximize profitability.</p> <p>Complementary initiatives will focus on developing Marine-Based Enterprises (e.g., Seaweed Cultivation, Marine Tourism) and technical expertise in Boat and Engine Maintenance to create sustainable service sector jobs.</p>						
12.	<p>Alternative livelihoods for families dependent on Coconut plantation:</p> <ul style="list-style-type: none"> • Capacity building and skill development programmes to support sustainable income generation for displaced and affected coconut plantation families, including women. • Vocational training and enterprise promotion in the following sectors: <ul style="list-style-type: none"> ✓ Eco-tourism and nature-based livelihood activities. ✓ Food processing and value-added product manufacturing. ✓ Small-scale manufacturing and cottage industries. ✓ Nursery development and plant propagation units. ✓ Pest and disease management services for agricultural and plantation crops. ✓ Waste recycling and resource recovery initiatives. <p>Animal husbandry and allied rural enterprises to promote diversified income sources.</p>	1	1	2	1	-	5
13.	<p>Fishermen community - Sustainable Fishing Practices</p> <ul style="list-style-type: none"> • Building community resilience to withstand and adapt to climate change impacts and coastal hazards. 	5	8	8	7	4	32

Sl. No.	Physical Targets	Year wise Budget allocation					Total budget allocation in Cr.
		1 st year	2 nd year	3 rd year	4 th year	5 th year	
	<ul style="list-style-type: none"> • Provision or subsidy of sustainable fishing gear, such as Turtle Excluder Devices (TEDs) and regulated mesh-size nets, along with incentives for phasing out illegal fishing methods like light fishing. • Supply of essential sea-safety equipment, including life jackets, GPS systems, and communication transponders, and organization of training programs on sea safety and rescue operations. • Promotion of alternative, non-extractive livelihood opportunities, especially for fisherwomen, to diversify income sources. • Installation of community-level, solar-powered • Upgradation of community halls to function as resilient cyclone shelters, along with the provision of healthcare and sanitation support. • Capacity building and management training for Fisheries Cooperative Societies (FCSs) to enable access to government schemes such as PMMSY and formal financial credit. • Organization of financial literacy workshops covering formal savings, insurance schemes, and debt management to reduce dependency on informal moneylenders. • Mangrove and Coastal Vegetation Restoration: Implementation of Mangrove plantation programs and cultivation of salt-tolerant vegetation. This initiative is designed to achieve multiple ecological objectives: stabilize vulnerable shorelines, significantly enhance carbon 						

Sl. No.	Physical Targets	Year wise Budget allocation					Total budget allocation in Cr.
		1 st year	2 nd year	3 rd year	4 th year	5 th year	
	sequestration, and create vital fish nursery and breeding habitats.						
14.	Others: <ul style="list-style-type: none"> • Disaster Management training centres • Shrimp Cultivation Development Steps • Beach nourishment 	3	5	4	4	4	20
15	Establishment of Sports Infrastructure academy at a suitable place: for promoting, training world class players in Cricket, Kabaddi, Kho-Kho, Volley ball, Football, Hockey, which are popular sports in the region. Other traditional games like Athletics, Boxing, Weightlifting and Chess are also popular	10	20	20	20	10	80
16.	Escrow account for maintenance of Sports Academy like flooding-lodging, sports science support, trainers, scholarships for the aspirants etc of the Sports academy for 5 years and make it a sustainable revenue self-regenerating facility.	5	10	5	5	-	25
17	Biodiversity Conservation and Ecological Education Centre: Resources allocated for the establishment of a dedicated Biodiversity Park to preserve the regional ecological heritage. This facility will be a hub for environmental education and research, contributing directly to local conservation efforts and complementing the project's mandatory compensatory afforestation.	1	3	2	2	2	10
18.	Structured Community Engagement:	-	1	2	1	-	4

Sl. No.	Physical Targets	Year wise Budget allocation					Total budget allocation in Cr.
		1 st year	2 nd year	3 rd year	4 th year	5 th year	
	<p>AMNSIL commits to implementing a Structured Intervention Model designed for sustained community development and outreach over a defined, multi-year timeframe. The prioritization of resource allocation and implementation is based on proximity and impact, organizing the target communities into two distinct zones:</p> <ul style="list-style-type: none"> • Primary Impact Zone: This zone includes communities subject to the approved Resettlement and Rehabilitation (R&R) scheme, ensuring focused intervention in the most critically affected areas. Villages in this zone are Rajayyapeta, Chandanada, Butchirajupeta, Donivani lakshmipuram, Nallamattipalem, and N.Narasapuram. • Extended Impact Zone: This zone covers neighboring communities situated within the wider impact radius, guaranteeing comprehensive coverage across the study area. Villages are Upmaka Agraharam, Gunupudi, Nellipudi, Vempadu, Kagitha, Pedateenarla, Chukalavari Lakshmipuram, Nakkapalle, Chittibatla Agraharam, Nayampudi, Chinadoddigallu, and Uddandapuram. 						
19	<p>Dedicated Escrow for R&R Site Long-Term Sustainability</p> <p>To ensure long-term infrastructural sustainability and community support at the newly established R&R Site, a dedicated Escrow Account shall be maintained. This fund is solely designated to finance supplementary</p>	-	1	2	1	-	4

Sl. No.	Physical Targets	Year wise Budget allocation					Total budget allocation in Cr.
		1 st year	2 nd year	3 rd year	4 th year	5 th year	
	support services, upkeep, and essential repair work for the infrastructure and amenities serving the residents of Chinna Bodugallam Village (Nakkapalli Mandal), ensuring immediate resources are available for future maintenance needs.						
	TOTAL	54	106	97	87	56	Rs. 400 Crore

