

AM/NS INDIA

Ref. No.: AMNS/DBN/HSE/23-24/10

Date : 27.11.2023

To

The Addl. Principal Chief Conservator of Forests (C),
Ministry of Environment, Forest, and Climate Change,
Govt. of India, Eastern Regional Office, A/3,
Chandrasekharpur, Bhubaneswar – 751023
Odisha.

Sub: Submission of half yearly report of compliance to the conditions of following Environmental Clearance of M/s ArcelorMittal Nippon Steel India Limited, Dabuna for the period from Apr'23 to Sept.'23.

- i. 10.7 MTPA Beneficiation Plant vide no. J-11015/876/2007- IA. II (M) Dated: 04.05.2009
- ii. 16 MTPA Expansion Project vide no. 78693/31-IND/07-2022, Issued on- 14.03.2023.

Dear Sir,

This is in reference to the subject above, We are submitting herewith the half yearly compliance status for the Environmental Clearances granted to M/s ArcelorMittal Nippon Steel India Ltd., vide letter no. J-11015/876/2007- IA. II (M), Dated 04.05.2009 for its 10.7 MTPA Beneficiation Plant at Dabuna and vide letter no. 78693/31-IND/07-2022, Issued on- 14.03.2023 for expansion project of 16MTPA at Keonjhar, Odisha for the period from **April'23 to September'23**.

This is for your kind perusal.

Thanking you

Yours faithfully

For ArcelorMittal Nippon Steel India Ltd.

Plant Head,
Beneficiation Plant, Dabuna

Encl.: As above

Copy to:

1. Member secretary, State Environment Impact Assessment Authority (SEIAA), Bhubaneswar, Odisha
2. Member Secretary, Odisha State Pollution Control Board, Bhubaneswar, Odisha.
3. Member Secretary, Central Pollution Control Board, Zonal Office, Kolkata.
4. Regional Office, Odisha State Pollution Control Board, Keonjhar, Odisha.

ArcelorMittal Nippon Steel India Limited
(Formerly Essar Steel India Limited)

Beneficiation Plant, Dabuna, Via - Joda
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Odisha, India

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A joint venture between ArcelorMittal and
Nippon Steel Corporation


ArcelorMittal


NIPPON STEEL

NAME OF THE PROJECT : 10.7 MTPA BENEFICIATION PLANT AT - DABUNA, KEONJHAR BY M/S ARCELORMITTAL NIPPON STEEL INDIA LIMITED.

CLEARANCE LETTER/S NO. & DATE : J-11015/876/2007- IA.II (M) DATED: 04.05.2009



PERIOD : 1st Apr' 2023 TO 30th Sept.' 2023

A. SPECIFIC CONDITIONS:


SL. NO.	CONDITIONS	COMPLIANCE STATUS
01	The project proponent shall obtain prior Consent to establish and Consent to operate for the project from the State Pollution Control Board, Orissa and shall effectively implement all the conditions stipulated there in.	Consent to establish (NOC) obtained from the State Pollution Control Board, Orissa vide letter No.24029/Ind-II-NOC-4998 dated 04.11.2008. Consent to operate has been obtained vide letter No. 4293/IND-I-CON-6382 dated 21.03.2022 having validity till 31.03.2025.
02	Environmental Clearance is subject to grant of forestry clearance. Necessary forestry clearance under the Forest (Conservation) Act, 1980 for diversion of forest land involved in the project shall be obtained before starting operation in that area. No work shall be undertaken in the forest area without obtaining requisite prior forestry clearance.	Stage-II clearance for slurry pipeline of 0.724 ha as well as 0.827 Ha have been obtained vide letter No.5-ORB/166/2013/BHU dated 23.09.2013 and 5-ORB/190/2014/BHU dated 31.03.2014 and Stage – II forest clearance for water pipeline has also been obtained vide letter No. 5-ORB/167/2013/ BHU dated 21.06.2013.
03	The project proponent shall maintain a distance of at least 500 m from the HFL of Malda and Baitarni River.	The Tailing Pond location has been changed from Basantpur to village Sankari of Phuljhar GP which is at more than 500 m from any water body. Obtaining of EC for the same is under progress.
04	The design of the tailing pond shall be as per the design to be provided/ approved by Central Water Commission (CWC), keeping in view the rainfall in the area, proximity of the tailing pond to the perennial rivers and safety.	Advance possession of land measuring 321.80 acres has already been obtained from Govt. of Odisha and the rest is under acquisition and alienation. Approval of design of tailing pond will be sought from CWC if required before construction. While designing tailing pond, appropriate guidelines /approval of the competent authority shall be followed/ taken if necessary.

05	The tailing pond shall be lined with appropriate HDPE lining to ensure that there is no leaching from the tailing pond	It would be ensured that there is no leaching from the tailing pond that stores non-toxic iron ore tailings. However, appropriate liner will be provided during construction.
06	The water recovery and spill way system shall be so designed that the natural water resources are not affected and that no spill water goes into the nearby river(s)	Shall be complied with.
07	The ground water quality around the tailing pond shall be monitored regularly. The monitoring network shall be designed in consultation with CWC and Central Ground Water Authority. There shall be at least one monitoring station between the tailing pond and the river.	Shall be complied with when the tailing pond becomes operational.
08	The Project Proponent shall carry out conditioning of the ore with water to mitigate fugitive dust emission, without affecting flow of ore in the ore processing and handling areas	<p>Dust suppression systems (18 High pressure water sprinklers having a throw of 25m, pressure of 4.5 bar and with a spacing of 30 m) have already been provided in the material handling areas.</p> <p>Moreover, High pressure mist forming water sprinklers have been installed at all the feed hoppers of the raw material stock yard and Truck Unloading Station along with the conveyor discharge chutes in the transfer houses are equipped for suppression of the fugitive dust emission.</p> <div data-bbox="805 1223 1453 1440" data-label="Image"> </div>
09	The effluent from the ore beneficiation plant shall be treated in the tailing thickener and the tailings slurry shall be transported through a closed pipeline to the tailing dam.	The tailing thickener is already in place. The tailings shall always be conveyed to the tailing dam through underground pipeline.
10	The garland drain shall be constructed around the tailing dam before starting operation of the project	Garland drain is part of the design of the tailing dam and shall be provided around the tailing pond before it is commissioned.
11	The decanted water from the tailing dam shall be recirculated and there should be zero discharge from the tailing dam	There will be no discharge from the tailing dam as the surplus water shall be recycled and sent back to the Beneficiation Plant for reuse in process through return underground pipeline.

12	Appropriate technology shall be used for maximum recovery of ore in order to reduce slurry discharge and to increase the life of the tailing dam.	<p>Utmost care shall be taken to increase the life of the tailing pond by reducing the slurry discharge.</p> <p>Appropriate technology shall be adopted to accommodate maximum tailing in minimum space and recovery of iron rich material from the tailings shall enhance the life of the dam.</p>
13	The iron ore transportation shall not be carried out through the road and there shall be no stack yard for collection of ore from various mines. The entire transportation shall be carried out through rail or conveyor.	<p>There will be no stock yard for collection of iron ore from various mines. However as per the amendment of condition No. xiii of EC No. J-11015 /876/ 2007- IA. II (M) dated 04.05.2009, transportation of iron ore fines will be done by road as per Letter of amendment (J-11015 / 876/ 2007-IA. II(M) dated 22.05.2013.</p> <p>The covered trucks carrying iron ore fines unload into a 3000TPH Truck Unloading System from where the fines get conveyed to the stack yard with series of closed conveyors and thus avoid substantial air pollution.</p> 
14	Plantation shall be raised in an area of 17.8 ha including a green belt of adequate width around the beneficiation plant and the tailing disposal area by planting the native species in consultation with the local D.F.O/Agriculture Department. The exposed tailing pond area shall be properly covered with vegetation.	<p>A total of 19659 nos. of native saplings were planted inside the plant till date and last 6 months 165 nos. of fresh fruit bearing sapling plantations were carried out inside plant and a progressive greenbelt development plan has been proposed inside the plant premises to meet the requirement.</p> 

15	<p>Effective safeguard measures such as regular water sprinkling shall be carried out in critical areas, prone to air pollution and having high levels of SPM and RSPM, such as loading and unloading points and transfer points. It shall be ensured that the ambient air quality parameters conform to the norms prescribed by CPCB.</p>	<p>Water sprinkling facilities have been provided in the air pollution prone areas like transfer points and material loading and unloading facilities to suppress fugitive dust, if any.</p> <p>An automatic water sprinkling system has been installed across the length of the internal road and working effectively.</p> 
16	<p>Regular monitoring of water quality for surface water sources as well as ground water sources shall be carried out. The ground water shall be monitored downstream of beneficiation plant as well as tailing dam up to ground water table and surface water monitoring shall be carried out in the upstream and downstream of the nallahs flowing in and around the project site, Baitani River and the Malda River and record of monitoring data should be maintained and submitted on six monthly basis to the Ministry of Environment and Forests, its Regional Office, Bhubaneswar, the Central Ground Water Authority, the Regional Director, Central Ground Water Board, the Central Pollution Control Board and State Pollution Control Board.</p>	<p>Summary of Half Yearly Env. Monitoring Reports for the period from Apr'23 to Sept.'23 shows no deviation to the prescribed standards set by SPCB.</p>
17.	<p>The Project Authority shall implement suitable conservation measures to augment ground water resources in the area in consultation with the Regional Director, Central Ground Water Board.</p>	<p>3 nos. Roof top Rainwater Harvesting structures for ground water recharge have already been implemented at MRSS Building, Production Shift office and BBECR Building.</p> 
18	<p>Regular Monitoring of the flow rate of the springs and perennial nallahs flowing in and</p>	<p>The project in no way obstructs/ affects the flow</p>

	around the project area shall be carried out and records maintained.	rate of the springs and perennial nallah. flow rate of average 0.75m/s was being maintained in 6 months.
19	Regular Monitoring of ground water level and quality shall be carried out by establishing a network of existing wells and constructing piezometers in and around the project area during the beneficiation process. The periodic monitoring (at least four times in a year- pre-monsoon (April-May), Monsoon (August), post monsoon (November) and winter (January); once in each season shall be carried out in consultation with the State Ground Water Board/Central Ground Water Authority and the data thus collected may be sent regularly to the Ministry of Environment and Forests and its Regional Office at Bhubaneswar, the Central Ground Water Authority and the Regional Director, Central Ground Water Board. If at any stage, it is observed that the ground water table is getting depleted due to the mining activity, necessary corrective measures shall be carried out.	Ground Water level monitoring has been carried out at nearby villages Dabuna and Khajuridihi with the help a network of piezometers. The ground water level analysis report shows the ground water level maintained within 10 to 12.6 Mt/bgl.
20	The Project Proponent shall obtain necessary prior permission of the competent authorities for drawl of requisite quantity of surface water required for the project.	Department of Water Resources, GoO has accorded permission to draw water from river Baitarani @ 1200m ³ /hr vide letter No. 34127 dated 24.12.2009 (already submitted to MoEF, BBSR earlier)
21	Suitable rainwater harvesting measures on long term basis shall be planned and implemented in consultation with the Regional Director, Central Ground Water Board.	3 nos. Roof top Rainwater Harvesting structures for ground water recharge have already been implemented at MRSS Building, Production Shift office and BBECR Building.
22	Appropriate mitigation measures shall be taken to prevent pollution of the Baitarni River and Malda River in consultation with the State Pollution Control Board.	Not applicable as the location of tailing pond has been changed to village Sankari of Phuljhar GP (as per ToR of MoEF & CC).
23	Mineral Handling area shall be provided with adequate number of high efficiency dust extraction system. Loading and unloading areas including all the transfer points should also have efficient dust control arrangements. These should be properly maintained and	Dust suppression systems have already been installed at mineral handling areas and transfer points. 18 high pressure water sprinklers have been installed in Material Handling Yard and feeding hoppers. Unloading hoppers also provided with

	operated	high pressure mist forming water spray system.
24	The Project Proponent shall constitute an emergency management team under the control of Project In-charge to deal with the emergency situation pertaining to tailing dam for the timely and effective control of emergency situation. It shall be ensured that training programme and mock drills shall be organized for the employees.	There shall be an emergency management team for combating any emergency pertaining to Tailing dam and the mock drills shall be carried out when the tailing pond comes into operation.
25	Sewage Treatment Plant shall be installed for the colony. ETP shall also be provided for the workshop and the wastewater generated during the beneficiation process	There is no Workshop & Garage and hence no ETP is required. To take care of the domestic wastewater generated from Canteen and Transit Camp, a 15 KLD capacity STP is in operation which confirms the desired norms. 
26	The Project Authorities should undertake sample survey to generate data on pre-project community health status within a radius of 1 km from the proposed project.	Since construction stage, AMNS India has been running a primary health center equipped with qualified doctors and paramedical staff for treating the people of peripheral villages that are situated within as well as beyond 1km of our Plant at Dabuna.
27.	Occupational Health Surveillance Program of the workers shall be undertaken periodically to observe any contractions due to exposure to dust and take corrective measures, if needed. Health records of the workers shall be maintained.	PME of employees and contractual workers has been carried out during 2022-23 at Apollo Hospital BBSR and Ashwini Hospital Cuttack respectively.
28	Pre-placement medical examination and periodic medical examination of the workers engaged in the project shall be carried out and records maintained. For the purpose, schedule of health examination of the workers should be drawn and followed accordingly	Pre-placement Medical Examinations are being undertaken by Company's Doctor as and when required.

29	Land oustees and land losers/affected people shall be compensated and rehabilitated as per the National Policy on Resettlement & Rehabilitation (NPRR) of the project affected families.	Land acquisition has been done through IDCO and necessary compensation as per RPDAC has been deposited with the Collector, Keonjhar for disbursement. There is no displacement and hence no rehabilitation needed.
30	The Project Proponent shall take all precautionary measures during project operation for conservation and protection of endangered fauna namely elephant, bear etc. spotted in the area. Action Plan for conservation of flora and fauna shall be prepared in consultation with the State Forest and Wildlife Department. All the safeguard measures brought out in the Wildlife Conservation Plan so prepared specific to this project site shall be effectively implemented. Necessary allocation of funds for implementation of the conservation plan shall be made and the funds so allocated shall be included in the project cost. A copy of the action plan shall be submitted to the Ministry of Environment & Forests and its Regional Office at Bhubaneswar.	An amount of Rs. 17.62 lakhs has already been paid to Forest Department towards contribution to Regional Wild Management Plan. Thus complied with.
31	Provision shall be made for the housing of construction laborers within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, crèche etc. The house may be in the form of temporary structures to be removed after completion of the project.	Not applicable in operation stage.

B. General Conditions

SL. NO.	CONDITIONS	COMPLIANCE STATUS
01	No further expansion or modifications in the plant shall be carried out without prior approval of the Ministry of Environment and Forests.	Prior approval shall be obtained from the Ministry for any expansion.

02	Regular Ambient Air Quality Monitoring shall be carried out. The monitoring stations will be set up in consultation with the SPCB. At least four ambient air quality monitoring stations shall be established in the downward direction, as well as where maximum ground level concentration of SPM, RSPM, SO ₂ and NO _x are anticipated in consultation with the State Pollution Control Board. It will be ensured that at least one monitoring station is set up in up-wind and in down-wind direction along with those in other directions. The instruments used for ambient air quality monitoring shall be calibrated regularly.	Summarized Half Yearly Environmental Monitoring Reports for the period from Apr'23 to Sept.'23 is ranged between the below values PM10 values ranging from 57.3 to 60.0 complying SPCB norms of 100 µg/Nm ³ . • PM2.5 values ranging from 30.8 to 31.6 complying SPCB norms of 60 µg/Nm ³ . • SO ₂ values ranging from 12.9 to 14.6 complying SPCB norms of 80 µg/Nm ³ . • NO _x values ranging from 14.6 to 15.3 complying SPCB norms of 80 µg/Nm ³ .
03	Data on ambient air quality (RSPM, SPM, SO ₂ , NO _x) shall be regularly submitted to the Ministry including its Regional Office located at Bhubaneswar and the State Pollution Control Board/Central Pollution Control Board in six months.	Same as above
04	Measures shall be taken for control of noise levels below 85 dB(A) in the work environment. Workers engaged in operations of HEMM etc. shall be provided with ear plugs /muffs.	The process is not noisy in nature however, through proper maintenance of equipment, the noise levels of work zones are kept below 85 dB(A). The 2MW stand by DG set has in-built silencer and acoustic chamber around it. Ambient noise levels are well within the prescribed standards. Noise survey report of 6 months shows data ranging within 64.2 to 67.8dB in day hours.
05	Industrial wastewater shall be properly collected and treated so as to conform to the standards prescribed under GSR 422(E) dated 19 th May, 1993 and 31 st December, 1993 or as amended from time to time. The treated wastewater shall be utilized for plantation purpose.	Facilities like Process Water Reservoir and Multi-Stage Settling Pond/Pits for wastewater/surface run-off treatment have been provided. The treated wastewater is being utilized for process, plantation, fire safety and dust suppression measures.
06	Personnel working in dusty areas should wear protective respiratory devices and they should also be provided with adequate training and information on safety and health aspects. Occupational health surveillance program of the workers should be undertaken periodically to observe any contractions due to exposure to dust and	The Iron Ore processing is a wet process. However, Workers working in dusty areas are being provided with dust masks and necessary training is being imparted to employees and contract workers. Occupational Health Check-ups (viz. Lungs Function Tests) of workers are being undertaken as per the norms.

	take corrective measures, if needed.	
07	Separate Environmental Management Cell with suitable qualified personnel should be set up under the control of a Senior Executive, who will report directly to the Head of the Organization.	A separate Environment Cell both at the project and company head office has been set up with well qualified and senior environment professionals.
08	The Project Authorities should inform to the Regional Office located at Bhubaneswar regarding date of financial closure and final approval of the project by the concerned authorities and the date of start of land development work.	Part financial closure for Rs.4177.00 crores has been completed towards initial facilities of ISP (Phase-I) and Pellet Plant-12 MTPA at Paradeep, Beneficiation Plant at Dabuna and associated pipeline.
09	The fund earmarked for environmental protection measures should be kept in separate account and should not be diverted for other purpose. Year wise expenditure should be reported to the Ministry and its Regional Office at located Bhubaneswar.	Funds earmarked for environmental protection measures are never diverted for any other purpose. An amount of Rs.91.00 lakhs had been sanctioned for Env. Protection Measures for the 2021.
10	The Regional Office of this Ministry located at Bhubaneswar shall monitor compliance of the stipulated conditions. The project authorities should extend full co-operation to the officer(s) of the Regional Office by furnishing the requisite data/information/monitoring reports.	We will extend full support to the Regional Office of MoEF, Bhubaneswar.
11	The Project Proponent shall submit six monthly reports on the status of the implementation of the stipulated environmental safeguards to the Ministry of Environment and Forests, Its Regional Office, Bhubaneswar, Central Pollution Control Board and State Pollution Control Board. The Project Proponent shall upload the status of compliance of the environmental clearance conditions on their website and update the same periodically and simultaneously send the same by e-mail to the Regional Office, Ministry of Environment and Forests ,Bhubaneswar	Being submitted regularly. The previous Half-yearly compliance report had been submitted and uploaded on 01.06.2023 vide letter No. AMNS/DBN/HSE/23-24/05

12	A copy of clearance letter will be marked to concerned Panchayat / local NGO, if any, from whom suggestion/ representation has been received while processing the proposal. The clearance letter shall also be put on the web site of the company.	Copy already submitted to the office of Sarpanch, Kalimati Gram Panchayat vide letter No. : ESOL/407/09 dated 25.05.2009.
13	The State Pollution Control Board should display a copy of the clearance letter at the Regional Office, District Industries Centre and Collector's Office/ Tehsildar's Office within 30 days.	Complied with by SPCB, Odisha.
14	The Project Authorities should advertise at least in two local News Papers widely circulated, one of which shall be in the vernacular language of the locality concerned, within 7 days of the issue of the clearance letter informing that the project has been accorded environmental clearance and a copy of the clearance letter is available with the State Pollution Control Board and also at the website of the Ministry of Environment and Forests at http://envfor.nic.in and a copy of the same should be forwarded to the Regional Office of this Ministry located at Bhubaneswar.	Complied (Already submitted in the first half yearly compliance) The newspapers are "Odia Bhaskar daily" dated 17.05.2009 and "The Pioneer" English daily dated 21.05.2009.

NAME OF THE PROJECT : Expansion of Iron Ore Beneficiation Plant to 16 MTPA (Throughput), AT - DABUNA, KEONJHAR BY M/S ARCELORMITTAL NIPPON STEEL INDIA LIMITED.

CLEARANCE LETTER/S NO. & DATE : 78693/31-IND/07-2022, Issued on- 14/03/2023

PERIOD : 1st Apr' 2023 TO 30th Sept.' 2023

A. SPECIFIC CONDITIONS:

SL. NO.	CONDITIONS	COMPLIANCE STATUS
01	The transportation of ore from Ghorabhurani - Sagasahi Iron ore to Dabuna Beneficiation plant by road is allowed only for 3 years i.e. up to 19.08.2023 vide MoEF & CC, Gol, EC letter F.No.J-11015/192/2016-IA.II(M) dated 20.08.2020. No more road transportation is allowed after 19.08.2023 without permission of the MoEF&CC.	<p>We will adhere to the guidelines of CSIR-NEERI recommendations for transportation of iron ore. As the operation of the mines has started on 09.09.2021, hence the permitted road transportation for 3 years shall end on 08.09.2024.</p> <p>The Slurry pipeline construction is under progress and the same shall be completed by July 2024.</p> <p>We will inform the Ministry for any deviation in the proposed mode of transport of minerals in case the timeline is not complied with.</p>
02	The transportation of ore from Thakurani Iron ore mines to Dabuna Beneficiation plant. by road is allowed only for 3 years. No more road transportation is allowed after 3 years without permission of the SEIAA, Odisha. From 4 th year onwards, the ore should be transported only through public railway siding through conveyor belt or as per the guidelines of CSIR-NEERI recommendation. PP shall inform SEIAA for any deviation in the proposed mode of transport of minerals in case the timeline is not complied with.	<p>In Thakurani mines, we are planning to establish a Grinding with beneficiation plant & dedicated slurry pipeline to Dabuna site and exploring the suitable lands for the above project.</p> <p>As per this EC condition, the 3 years permitted road transportation to our Dabuna site is allowed till 2026 and before that we will arrange to comply with the CSIR NEERI recommendations.</p>
03	In regard to other merchant mines from where ore will be sourced for Dabuna Beneficiation plant, the PP shall follow the guidelines of CSIR-NEERI recommendation for transportation of mineral.	We will adhere to the guidelines of CSIR-NEERI recommendations for transportation of iron ore.

04	The PP shall draw a project specific slime management plan for Dabuna Beneficiation plant to address tailing storage as per required safe design capacity and utilize them safely.	The tailing utilization study has already been conducted at CSIR-Institute of Minerals and Materials Technology Bhubaneswar. After the tailing dam commissioning, the commercially as well as environmentally feasible recommendations shall be implemented.
05	The project proponent shall store the non-utilize grades as per IBM guidelines for future use.	We will adhere to the IBM guidelines.

B. Standard Conditions-




I. Statutory compliance:


SL. NO.	CONDITIONS	COMPLIANCE STATUS
i	The project proponent shall obtain forest clearance under the provisions of Forest (Conservation) Act, 1986, in case of the diversion of forest land for non-forest purpose involved in the project.	Stage-I (In-principal) approval clearance for slurry pipeline of 16.463 ha have been obtained vide letter No.5-ORC496/2022-BHU, dtd. 25.01.2022 and Stage-I (In-principal) approval clearance for tailing pipeline of 12.728 ha have been obtained vide letter no. 5-ORC481/2021-BHU, dtd. 18.12.2023.
ii	The project proponent shall obtain clearance from the National Board for Wildlife, if applicable.	Not applicable
iii	The project proponent shall prepare a Site-Specific Conservation Plan & Wildlife Management Plan and approved by the Chief Wildlife Warden. The recommendations of the approved Site-Specific Conservation Plan Wildlife Management Plan shall be implemented in consultation with the State Forest Department. The implementation report shall be furnished along with the six-monthly compliance report. (incase of the presence of schedule-I species in the study area)	Site-Specific Conservation Plan & Wildlife Management Plan has been prepared and approved by the Chief Wildlife Warden. The total allocation of funds during the plan period is Rs.251.52 lakhs. Payment against Demand for Site-Specific Wildlife Conservation Plan has been made to ORISSA CAMPA account on dtd. 25.02.2023.
iv	The project proponent shall obtain Consent to Establish/Operate under the provisions of Air (Prevention & Control of Pollution) Act. 1981 and the Water (Prevention & Control of Pollution) Act, 1974 from the concerned State pollution Control Board.	CTE has been obtained vide no. 7067/IND-II-CTE-6235, on Dated 17.07.2019 valid for 5 years.


v	The project proponent shall obtain the necessary permission from the Central Ground Water Authority and other concerned authority, in case of drawl of ground water/ from the competent authority concerned in case of drawl of surface water required for the project.	Not applicable. No drawl of ground water proposed. Department of Water Resources, GoO has accorded permission to draw water from river Baitarani @ 1200m ³ /hr vide letter No. 34127 dated 24.12.2009 (already submitted to MoEF&CC, BBSR along with existing EC compliance reports).
vi	The project proponent shall obtain authorization under the Hazardous and other Waste Management Rules, 2016 as amended from time to time.	We have obtained Hazardous Waste Authorization vide no. IND-IV-HW-1185/10103, Dated- 09.06.2022 for the existing operation and is Valid upto 31.03.2024.

II. Air quality monitoring and preservation

i	The project proponent shall install 24x7 continuous emission system at process stacks to monitor stack emission 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 this system from time to time according to equipment supplier specification through labs recognized under Environment(P) Act, 1986 or NABL accredited laboratories.	Not application as it is a Beneficiation Plant with wet grinding circuit.
ii	The project proponent shall submit monthly summary report of continuous stack emission and air quality monitoring and results of manual stack monitoring and manual monitoring of air quality fugitive emissions to Regional Office of MoEF&CC, Zonal office of CPCB and Regional Office of SPCB along with six-monthly monitoring report.	Summarized Half Yearly Environmental Monitoring Reports for the period from Apr'23 to Sept.'23 is ranged between the below values PM10 values ranging from 57.3 to 60.0 complying SPCB norms of 100 µg/Nm ³ . • PM2.5 values ranging from 30.8 to 31.6 complying SPCB norms of 60 µg/Nm ³ . • SO ₂ values ranging from 12.9 to 14.6 complying SPCB norms of 80 µg/Nm ³ . • NO _x values ranging from 14.6 to 15.3 complying SPCB norms of 80 µg/Nm ³ .



iii	The project proponent shall monitor fugitive emissions in the plant premises at least once in every quarter through labs recognized under Environment (Protection) Act, 1986.	Fugitive emissions in the plant premises is being monitored on monthly basis by NABL approved/accredited laboratory.
iv	Appropriate Air Pollution Control (APC) system shall be provided for all the dust generating points including fugitive dust from all vulnerable sources, so as to comply prescribed stack emission and fugitive emission standards.	<p>Water sprinkling facilities have been provided in the air pollution prone areas like transfer points and material loading and unloading facilities to suppress fugitive dust emissions.</p> <p>An automatic water sprinkling system has been installed across the length of the internal road.</p> 
v	The project proponent use leak proof trucks/dumpers carrying ore and other raw materials and cover them with tarpaulin.	<p>The iron ore fines are being transported from mines by leak proof trucks under tarpaulin cover.</p> 
vi	Wind shelter fence and chemical spraying shall be provided on the raw material stockpiles.	<p>Dust suppression systems (18 High pressure water sprinklers having a throw of 25m, pressure of 4.5 bar and with a spacing of 30 m) have already been provided in the raw material stock yard.</p> 


vii	Design the ventilation system for adequate air changes as per ACGIH document for all tunnels, motor houses, Oil Cellars.	We will adhere to the condition as and when required.
viii	The project proponent shall carry out conditioning of the ore with water to mitigate fugitive dust emission, without affecting flow of ore in the ore processing and handling areas.	<p>Conditioning of iron ore with water is being done at the mines to mitigate fugitive dust emission. This is a mandatory condition/important requirement during purchasing of ores from different mines.</p> <p>Dust suppression systems (18 High pressure water sprinklers having a throw of 25m, pressure of 4.5 bar and with a spacing of 30 m) have already been provided in the material handling areas.</p> <p>Moreover, High pressure mist forming water sprinklers have been installed at all the feed hoppers of the raw material stock yard and Truck Unloading Station along with the conveyor discharge chutes in the transfer houses are equipped for suppression of the fugitive dust emission.</p> 
ix	Effective safeguard measures such as regular water sprinkling shall be carried out in critical areas prone to air pollution and having high levels of air pollutants such as haul road, loading and unloading point and transfer points. It shall be ensured that the Ambient Air Quality parameters conform to the National ambient air quality standards.	<p>Truck Unloading Station along with the conveyor discharge chutes in the transfer houses are equipped with high pressure mist forming water sprinklers for suppression of the fugitive dust emission. All internal roads are concreted and automatic water sprinkling system has been installed across the length of the internal road and working effectively.</p> <p>Ambient air quality will be monitors through NABL accredited laboratory confirming to the NAAQ standards.</p>
x	The transportation of mineral shall be carried out through the covered trucks. Vehicular emissions shall be kept under control and regularly monitored. Measures shall be taken for	All trucks will be carrying the iron ore fines from mines under tarpaulin cover only.


	<p>maintenance of vehicles used in beneficiation operations and in transportation of ore to the beneficiation plant. The vehicles carrying the mineral shall not be overloaded.</p>	
xi	<p>Mineral handling area shall be provided with adequate number of high efficiency dust extraction system. Loading and unloading areas including all the transfer points should also have efficient dust control arrangements. These should be properly maintained and operated.</p>	<p>High pressure mist forming water sprinklers have been installed at all the feed hoppers of the raw material stock yard and Truck Unloading Station along with the conveyor discharge chutes in the transfer houses, and periodic maintenance is being carried as per the schedule.</p>
xii	<p>Regular Ambient Air Quality Monitoring shall be carried out. The monitoring stations will be set up in consultation with the SPCB. At least four ambient air quality monitoring stations shall be established in the downward direction as well as where maximum ground level concentration of PM2.5, PM, SO2 and NOx are anticipated in consultation with the State Pollution control Board. It will be ensured that at least one monitoring station is set up in up-wind & in down-wind direction along with those in other directions. The instruments used for ambient air quality monitoring shall be calibrated regularly.</p>	<p>Ambient Air Quality Monitoring stations have been installed in consultation with the State Pollution Control Board complying to the requirement of wind flow directions, and regular monitoring is being ensured.</p> 
xiii	<p>Data on ambient air quality (PM2.5, PM10, SO2, NOx) shall be regularly submitted to the Ministry including its Regional office located at Bhubaneswar and the State Pollution Control Board/Central Pollution Control Board once in six months.</p>	<p>The monitoring reports are being submitted on monthly and half yearly basis to Regional Officer, SPCB, Keonjhar and Head Office, SPCB, Bhubaneswar, Odisha.</p>

III. Water quality monitoring and preservation

i	<p>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.</p>	<p>Ground Water Quality monitoring have been carried out by engaging NABL accredited laboratories, and ground water level have been carried out at nearby villages Dabuna and Khajuridihi with the help of piezometers.</p> <p>The ground water level analysis report shows the ground water level maintained with in 10</p>
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		to 12.6 Mt/bgl.
ii	Sewage Treatment Plant shall be provided for treatment of domestic wastewater to meet the prescribed standards.	<p>The domestic wastewater generated from Canteen and Transit Camp, a 15 KLD capacity STP is in operation to meet the desired norms.</p> 
iii	The project proponent shall practice rainwater harvesting to maximum possible extent.	<p>Total 3 nos. of Roof top Rainwater Harvesting structures installed for ground water recharge have already been implemented at MRSS Building, Production Shift office and BBECR Building. Also, the storm water drains are diverted to process water reservoir for water conservation and further utilization in process.</p> 
iv	The effluent from the ore beneficiation plant shall be treated in the tailing thickener and the tailings slurry shall be transported through a closed pipeline to the tailing pond.	<p>The tailing thickener is already in place. The tailings will always be conveyed to the tailing dam through an underground pipeline.</p> <p>The same will be complied when the tailing pond comes into operation.</p>
v	The project proponent shall provide the slime disposal facility with impervious lining and collection wells for seepage. The water collected from the slime pond shall be treated and recycled.	<p>Impervious lining and collection wells shall be provided during construction phase and the treated water shall sent back to Beneficiation Plant utilization in process.</p>
vi	The garland drain shall be constructed around the tailing pond before start of operation of the project.	<p>Garland drain is part of the design of the tailing dam and we will ensure the same</p>

		before it is commissioned.
vii	The decanted water from the tailing pond shall be re-circulated and there should be zero discharge from the tailing pond.	There will be no discharge from the tailing dam as the surplus water will be recycled and sent back to the Beneficiation Plant for reuse in process through return underground pipeline.
viii	Appropriate technology shall be used for maximum recovery of ore in order to reduce slurry discharge and to increase the life of the tailing pond.	The utmost care will be taken to increase the life of the tailing pond by reducing the slurry discharge. Appropriate technology will be adopted to accommodate maximum tailing in minimum space and recovery of iron rich material from the tailings shall enhance the life of the dam.
ix	Garland drains with appropriate size, gradient and length shall be constructed to arrest silt and sediment flows from ore dumps and directly into the water bodies. The water so collected shall be utilized for watering the roads, green belt development etc. The drains shall be regularly desilted particularly after monsoon and maintained properly.	Provision of garland drains are already provided in Beneficiation Plant of appropriate size and gradient around the material yards which are being desilted on regular basis.  We will ensure the construction of garland drains around the tailing dam when comes into operation.
x	Effluent Treatment Plant should be provided for treatment of wastewater generated from the beneficiation plant.	No wastewater/industrial effluents are getting generated from the Beneficiation Process and hence ETP is not required.
xi	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.	Garland drains and collection pits are provided around stock yards and emergency stock yards. Monitoring of surface water is being ensured through NABL accredited laboratory.

xii	Adhere to "Zero Liquid Discharge".	The Zero Liquid Discharge concept is strictly complied at site.
xiii	Regular monitoring of water quality for surface water sources as well as ground water sources shall be carried out. The groundwater shall be monitored downstream of beneficiation plant as well as tailing pond upto groundwater table and record of monitoring data should be maintained and submitted on six monthly basis to the Ministry of Environment and Forests, its Regional Office, Bhubaneswar, the Central Ground Water Authority, the Regional Director Central Ground Water Board and the State Pollution Control Board.	Ground Water level monitoring have been carried out at nearby villages Dabuna and Khajuridihi with the help of a network of piezometers. Surface water and ground water quality monitoring is being carried out by engaging NABL accredited laboratories.
xiv	Suitable rainwater harvesting measures on long term basis shall be planned and implemented in consultation with the Regional Director, Central Ground Water Board.	Total 3 nos. of Roof top Rainwater Harvesting structures for ground water recharge have already been implemented at MRSS Building, Production Shift office and BBECR Building. 
xv	Appropriate mitigative measures shall be taken to prevent pollution of the nearby surface water source in consultation with the State Pollution control Board.	Appropriate measures have been taken to prevent pollution to the nearby water sources.

IV. Noise monitoring and prevention

i	Noise level survey shall be carried as per the prescribed guidelines and report in this regard shall be submitted to Regional Office, MoEF&CC, Govt. of India, Bhubaneswar as well as SEIAA, Odisha as a part of six-monthly compliance report.	The process is not noisy in nature however, through proper maintenance of equipment, the noise levels of work zones are kept below 70 dB(A). The 2 MW stand by DG set has an in-built silencer and acoustic chamber around it. Ambient noise monitoring is being ensured through NABL accredited laboratory. Ambient noise levels are well within the
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		prescribed standards. Noise survey report of 6 months shows data ranging within 64.2 to 67.8dB in day hours.
ii	The ambient noise levels should conform to the standards prescribed under E(P)A Rules, 1986 viz. 75 dB(A) during daytime and 70 dB(A) during night time.	We are adhering to the standards prescribed w.r.t. ambient noise during day and night time. The ambient noise levels are far within the prescribed limits. Ambient Noise monitoring report of 6 months shows the levels between 54.6 to 59.4dB.


V. Energy Conservation measures

i	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:	Noted, will be planned for the said areas.
ii	Provide LED lights in their offices and residential areas.	LED lights have been provided in Offices, streetlights and in residential areas.

VI. Waste management

i	The waste oil, grease and other hazardous waste shall be disposed of as per the Hazardous & Other waste (Management & Transboundary Movement) Rules, 2016	HW are being disposed of as per the Hazardous & Other waste (Management & Transboundary Movement) Rules, 2016
ii	Kitchen waste shall be composted or converted to biogas for further use to be decided on case to case basis depending on type and size of plant)	Kitchen waste are being handed over to Municipality for composting purpose and garden waste are being dumped in earthen pits for use as manure in horticulture activities.
iii	Separate impervious concrete pits for disposal of sludge shall be provided for the safe disposal of sludge generated from the beneficiation operation.	The tailings generated from Beneficiation Plant will be processed through the tailing thickener and pump to tailing pond.

VII Green Belt and EMP

i	Green belt shall be developed in an area equal to 33% of the plant area with a native tree species in accordance with CPCB guidelines. The greenbelt shall inter alia cover the entire periphery of the plant.	A total of 19659 nos. of native saplings were planted inside the plant till date and last 6 months 165 nos. of fresh fruit bearing sapling plantations were carried out inside plant and a progressive greenbelt development plan has been proposed inside the plant premises to meet the requirement. 
ii	The project proponent shall prepare GHG emissions inventory for the plant and shall submit the programme for reduction of the same including carbon sequestration including plantation.	No direct source for GHG emission exists in current plant operation.
iii	Plantation shall be raised all around the beneficiation plant site and the tailing pond around the plant, tailing disposal area, roads etc. by planting the native species in consultation with the local DFO/ Agriculture Department.	Plantations have been raised at the said areas in Beneficiation Plant, same will be followed for tailing pond and other mentioned areas when it commences operation.

VIII. Public Hearing & Human Health Issues

i	The activities proposed and submitted in EIA/EMP report for action plan prepared for addressing the issues raised during the public hearing shall be completed as per the budgetary provisions and within a stipulated time frame of five years. The Status Report on implementation of action plan for compliance of public hearing issues shall be submitted to the concerned Integrated Regional Office of the Ministry along with District Administration	It will be complied as per the action plan.
ii	Issues raised and recorded in proceedings of public hearing w.r.t. environment. Pollution/ CER shall be complied by PP as per OM F. No. 22-65/2017-LA.III, dated 30.09.2020 of MoEF&CC,	It will be complied.

	Govt. of India.	
iii	Emergency preparedness plan based on the Hazard identification and Risk Assessment (HIRA) and Disaster Management Plan shall be implemented.	It will be prepared once tailing pond comes into operation.
iv	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 of Factory Act.	Will be adhered at the time of construction phase.
v	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,	Will be complied at the time of construction phase.
vi	Occupational health surveillance of the workers shall be done on a regular basis and records maintained as per the Factories Act.	For Beneficiation Plant, PME of employees and contractual workers has been carried out during 2022-23 at Apollo Hospital BBSR and Ashwini Hospital Cuttack respectively. Same shall be planned for Tailing dam when construction begins.


IX. Corporate Environment Responsibility

i	The project proponent shall comply with the provisions contained in this Ministry's OM vide F. No. 22 - 65/2017.1 All dated 1 May 2018, as applicable, regarding Corporate Environment Responsibility.	Noted, will be implemented as per the commitment.
ii	The company shall have a well-laid environmental policy duly approved by the Board of Directors. The environmental policy should prescribe 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 a defined system of reporting infringements/deviation /violation of the	Environment Policy has been signed by CEO and released in March 2023.

	environmental/forest/wildlife norms/conditions and/or shareholders /stake holders. The copy of the board resolution in this regard shall be submitted to the Integrated Regional Office, MoEF&CC, Govt. of India, Bhubaneswar as well as SEIAA, Odisha as a part of six-monthly report.	
iii	A separate Environmental Cell both at the project and company head quarter level, with qualified personnel shall be set up under the control of senior executive, who will directly report to the head of the organization.	A separate Environment Cell both at the project and company head office has been set up with well qualified and senior environment professionals.
iv	Action plan for implementing EMP and environmental conditions along with responsibility matrix of the company shall be prepared and shall be duly approved by competent authority. The year wise funds earmarked for environmental protection measures shall be kept in separate account and not to be diverted for any other purpose. Year wise progress of implementation of action plan shall be reported to the Regional Office, MoEF&CC, Govt. of India, Bhubaneswar as well as SEIAA, Odisha along with the Six-Monthly Compliance Report.	Will be complied as per submitted action plan and year wise programme of implementation of action plan will be submitted along with six monthly compliance report.
v	Self-environmental audit shall be conducted annually. Every three years third party environmental audit shall be carried out for the project.	Noted, will be complied.
vi	All the recommendations made in the Charter on Corporate Responsibility for Environment Protection (CREP) for the Mineral Beneficiation plants shall be implemented.	Noted, will be implemented as per the CREP guidelines.

X. Miscellaneous

I	The project proponent shall make available to 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	EC has been advertised in two local newspapers on 23.3.2023 and uploaded in the company website permanently from 14.03.2023.
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	<p>days and in addition this shall also be displayed in the project proponent's website permanently.</p>	
<p>ii</p>	<p>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.</p>	<p>The copies of Environmental clearance have been submitted to the head of local bodies and panchayat office.</p>
<p>iii</p>	<p>It shall be mandatory for the project management to submit half yearly compliance reports on the status of implementation of the above stipulated environmental safeguards to the SEIAA, Odisha / Integrated Regional Office of the MoEF& CC, Bhubaneswar in soft copies on 1st day of June and December of each calendar year. The proponent shall also upload the compliance report including results of monitored data, as applicable in the website of the Ministry for monitoring of EC Conditions, failing which EC is liable to be revoked.</p>	<p>Being submitted regularly. The previous Half-yearly compliance report had been submitted and uploaded on 01.06.2023 vide letter No. AMNS/DBN/HSE/23-24/05</p>
<p>iv</p>	<p>The construction and demolition wastes to be generated from the proposed project shall be disposed of in accordance with the provision under "Construction & Demolition Wastes Management Rules 2016".</p>	<p>Noted and will be adhered to at the construction phase.</p>
<p>v</p>	<p>The proponent shall submit/upload six monthly reports on the status of compliance of the stipulated Environmental Clearance conditions, including results of monitored data on their website and shall update the same periodically. It shall simultaneously be sent to the Regional Office of MoEF&CC, Govt. of India, the respective Zonal Office of CPCB and the SPCB. The criteria pollutant levels namely; SPM, RSPM, SO, NO, (ambient levels as well as stack emissions) or</p>	<p>The compliance status of Environmental Clearance conditions, including results of monitored data have been submitted in every six month in office and uploaded in website.</p>

	critical sectoral parameters, indicated for the project shall be monitored and displayed at a convenient location near the main gate of the company in the public domain.	
vi	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.	The half yearly compliance report is being uploaded on the website of MOEF & CC at Parivesh portal.
vii	The environmental statement for each financial year ending 31 March in Form-V as is mandated to be submitted by the project proponent to the Odisha State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company along with the status of compliance of EC conditions and shall also be sent to the respective to the MoEF & CC & its concerned Regional Office, Central Pollution Control Board and State Pollution Control Board.	The environmental statement for the existing operation in Form-V (2022-23) has been submitted to the Odisha State Pollution Control Board on 25.09.2023 vide no. AMNS/DBN/HSE/2023-24/09 and same is being uploaded in the company website.
viii	The project proponent shall inform the Regional Office, MoEF&CC, Govt. of India. Bhubaneswar as well as SEIAA, Odisha 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.	Will be informed at the time of commencement of operation.
ix	The project authorities must strictly adhere to the stipulations made by the State Pollution Control Board and the State Government.	Noted and will be complied.
x	The project proponent shall abide by all the commitments and recommendations made in the EIA/EMP report and that during their presentation to the State Level Expert Appraisal Committee & SEIAA	Noted and will be complied. CSR activities has been undertaken and report of the same is enclosed as Annexure – 1.
xi	No further expansion or modifications in the plant shall be carried out without prior approval of the SEIAA, Odisha.	Noted and will be adhered to.

xii	Concealing factual data or submission of false/fabricated data may result in revocation of this environmental clearance and attract action under the provisions of Environment (Protection) Act, 1986.	Noted and will be adhered to.
xiii	The SEIAA, Odisha may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.	Noted and will be adhered to.
xiv	The SEIAA, Odisha reserves the right to stipulate additional conditions if found necessary. The Company in a time bound manner shall implement these conditions.	Noted and will be complied.
xv	The Regional Office, MoEF&CC, Govt. of India, Bhubaneswar shall monitor compliance of the stipulated conditions. The project authorities should extend full cooperation to the officer (s) of the Regional Office by furnishing the requisite data information/monitoring reports.	Noted and will be adhered to.
xvi	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.	Noted and will be adhered to.
xvii	This Environmental Clearance (EC) is subject to orders/judgment of Hon'ble Supreme Court of India, Hon'ble High Court, Hon'ble NGT and any other Court of Law, Common Cause Conditions as may be applicable.	Noted and will be complied.
xviii	Any appeal against this EC shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act 2010.	Noted and will be complied.

Corporate Social Responsibility Report (April – September 2023) Dabuna & Sankari



1. HEALTH INITIATIVES

1.1 Medical Health Centre at Dabuna:

AM/NS India, Dabuna contributing towards health by providing preventive and curative health care service through Dabuna First Aid Medical Centre. The centre is well equipped with professional medical staffs along with 03 ambulance vehicles for referral services in case of any emergency. Communities residing in villages of Dabuna, Purunadihi, Khajuridihi, Katupali, Bada Kalimati, Naibuga etc. were benefited from the project.

6897 patients availed treatment in this period. Patients were offered free medicines, diagnosis, pathological tests.



1.2 Health Centre at Basantpur:

The Basantpur Health Centre catered free of cost healthcare services to 167 persons. The people living in Basantapur area are remotely located at a distant place from Dabuna location and are highly dependent on the Center for healthcare.



1.3 Providing Ambulance Services



AM/NS India, Dabuna providing ambulance services on emergency cases critical and non-critical, any type of accidents and patients transportations. In this period 136 patients were provided with ambulance service to get better health care at DHH Keonjhar, Kalimati PHC. Our aim is to save patients by providing better health services.

1.4 Organized Village Health and Nutrition Day in Dabuna

Village Health and Nutrition Day was organized in Dabuna to eradicate malnutrition in Khajurdihi, Katupali and Dabuna villages. 266 adolescent girls, mothers and young children were impacted by the intervention.



1.5 Supplying of Drinking Water

To address the pressing issue of water scarcity in nearby villages. AM/NS India Dabuna is facilitating the supply of drinking water through two tankers to the nearby villages of plant vicinity area. Also, to meet the community water requirement, we are operating four borewells operated by 4 operators appointed by us. The activity enabled access to clean drinking water to more than 5,000 people of the villages Dabuna, Purunadihi, Katupali etc located in and around the Dabuna plant every month.

2. EDUCATION INITIATIVES

2.1 School Bus Support to Students

AM/NS India Dabuna is making educational services accessible in rural area by providing 32 seater school bus under CSR initiatives to ensure no students in village miss school because of non-availability of transport facility. The school bus service has been provided to the students of Badakalimati area to continue their education in Bamebari school. 32 children of Badakalimati, Purunadihi and Dabuna village are getting benefit from the intervention under the flagship PadhegaBharat project of AM/NS India.



2.2 Installation of Digital Smart Class



Naibuga and Badakalimati Govt. school has been identified for installation of the digital smart class project. The project implementation is under progress in this schools.

2.3 Nutrition Support to Residential School, Telkoi - Keonjhar

For good health and continuation of education of the vulnerable children AM/NS India, Dabuna is supporting a residential tribal school housing orphan and half-orphan children of Juang tribe with nutritious meals for 54 tribal children enrolled in the school. This has enabled effective functioning of the institute and encouraged children to continue their education.



2.4 Deployment of 6 Community Teachers in 4 Schools

AM/NS India Dabuna has deployed six community teachers in four Govt. schools in Dabuna. The objectives of the support is to promote quality of education. This initiative is benefitting 350 children. The community teachers are supplementing the government teachers deputed in the assigned schools.

3. LIVELIHOOD AND SKILL DEVELOPMENT INITIATIVES

3.1 Tailoring Training – Dabuna Centre

18 women continued their free of cost tailoring training at Dabuna centre. The girls and women of Dabuna and its neighbouring villages of Purunadihi, Katupali and Khajuridihi are learning tailoring under company's livelihood project Daksh to become self-reliant by engaging in income generation activities post training.



3.2 Purunadihi SHG Trained on Phenyl Making



A two-day training on phenyl making was provided to women Self Help Group of Purunadihi village. 14 members of the SHG were trained by Dharitri Chemicals in May 2023 on the production, marketing, and sales of the phenyl. The group of women produced 100 liters of phenyl during the training program which is being sold in the market sold. Additionally, the women were provided raw material to produce the phenyl independently.

4. INFRASTRUCTURE DEVELOPMENT INITIATIVES

4.1 Construction of 2 Community Hall at Purunadihi & Katupali Villages

The construction of two community halls in Purunadihi and Katupali village progressed up to 90% and 50% respectively. Nearly 3,000 people from both the villages will benefit from the intervention. The community halls will be utilized by villagers to conduct social gatherings, meetings, and community functions.



4.2 Drinking Water Supply at Shree Gupteswar High School - Dabuna

To provide clean drinking water AM/NS India has installed one Drinking Water supply unit with borewell and 2000-liter water tank, water dispensing points at Shree Gupteswar High School, Dabuna. The initiative is an important step towards a healthier future in Govt. schools. We try to ensure that the basic requirement of safe & clean drinking water for school-going students in schools. The initiative will be helping to ensure higher attendance in the schools and good health of the students and staff. Through this initiative, we aim to nourish dreams and foster a brighter & healthier future. 150 students will be benefitted.



4.3 Construction of Culvert in Sankari Village

AM/NS India constructed a 25 feet long culvert on Jagadala stream. About 500 people of Sankari village will get its benefit with direct safe access to the village over the stream reducing the distance from the main road. In rainy season villagers were facing issue to connect with near market. This work has been appreciated by the villagers.



4.4 Installation of Solar Street Lights and Home Lighting Systems in Sankari

Multiple solar streetlight project has been taken up in our intervention areas to make commute during night convenient. 26 units of solar streetlights have been installed at Sankari village at three hamlets. The villagers used to face regular power failure due to remote location and power cut off for elephant movement in the area. So, it is planned to illuminate the village with solar lights. In this drive 70 households of this village also provided with solar home light systems making every household illuminated. It will be benefitted to 400 population of Sankari village.



4.5 Provisions of Drinking Water at Sankari

AM/NS India has installed one tube well to meet the water related needs of the villagers living in School sahi of Sankari village. It will be benefitted to 100 villagers.



5. OTHERS

5.1 Cultural Events Supported By AM/NS India

Various local and traditional cultural events such as Chabish Prahari and Ganesh Puja at Sankari; Annual Jangya Katupali village and Ratha Yatra at Badakalimati village and Independence Day Badakalimati and Dabuna village celebrated by the community were extended support by AM/NS India. More than 32,000 people from nearby villages attended these events.



5.2 Independence Day Celebration in Schools

Independence Day celebrated with school students of Indira Smruti Vidyapitha and Badakalimati Development society. Senior Executives from Dabuna Plant also participated the program.



6. MEDIA COVERAGE

ମହିଳା ସଙ୍ଗଠନକୁ ଫିନାନ୍ସିଆଲ ପ୍ରସ୍ତୁତ ତାଲିମ

କେନ୍ଦ୍ରରସଦର, ୨୧୬ (ନି.ପ୍ର): ଗ୍ରାମୀଣ ମହିଳା ମାନଙ୍କୁ ରୋଜଗାର କ୍ଷେତ୍ରରେ ଆତ୍ମନିର୍ଭର କରିବା ପାଇଁ ଆର୍ଷେଲ

ମିଉଲ ନିପନ ବିଭିନ୍ନ କାର୍ଯ୍ୟକ୍ରମ ହାତକୁ ନେଇଛି । ଏହି କମ୍ପାନୀର ଦୁବୁନା ପ୍ରାୟ ଅଧିକରେ ସାମାଜିକ ଦାୟିତ୍ୱବୋଧ କାର୍ଯ୍ୟକ୍ରମରେ ମହିଳା ମାନଙ୍କୁ ସ୍ୱାବଲମ୍ବି ନିମନ୍ତେ ପୁରୁଣାତହି ଏ.ଏମ୍.ଏନ.ଏସ୍ ସ୍ୱୟଂସହାୟକ ମହିଳା ଦଳର ୧୪ଜଣ ମହିଳାଙ୍କୁ ଫିନାନ୍ସିଆଲ ପ୍ରସ୍ତୁତ ସମ୍ପର୍କିତ ତାଲିମ ଦିଆଯାଇଛି । ଏହି କାର୍ଯ୍ୟକ୍ରମକୁ କେନ୍ଦ୍ରର ଧରିତ୍ରୀ କେମିକାଲ ଅନୁଷ୍ଠାନ ସହଯୋଗ କ୍ରମେ କମ୍ପାନୀରୁ ଦୁବୁନା ଠାରେ ଥିବା ଜାବିକା ବିକାଶ କେନ୍ଦ୍ର ରେ ସି.ଏସ୍.ଆର ବିଭାଗର ଚତୁର୍ଥାଧିକାଂଶରେ ଦୁଇଦିନ ଧରି ଅନୁଷ୍ଠିତ ହୋଇଥିଲା । ଏହି କାର୍ଯ୍ୟକ୍ରମକୁ କମ୍ପାନୀର ପ୍ରତିନିଧି ତଥା ସି.ଏସ୍.ଆର ବିଭାଗର ଅଧିକାରୀ ସମେତ ସହଯୋଗୀ ପରିଚାଳନାରେ ସହଯୋଗ କରିଥିଲେ ।
