



F. No. J-11011/274/2019-IA-II (I)
Government of India
Ministry of Environment, Forest and Climate Change
(Impact Assessment Division)

Indira Paryavaran Bhawan
Jor Bagh Road, Aliganj,
New Delhi – 110003

Dated: 21st November, 2022

To,

M/s. TECH AIC DRI Pellets Private Limited,
25, Ganesh Chandra Avenue, 4th Floor,
Kolkata, West Bengal -700013.
E-mail: dineshadukia11@gmail.com

Project: Transfer of Environment Clearance titled “Proposed installation of Pellet Plant (1x0.6 MTPA), Sponge Iron Plant (2x350 TPD DRI kilns), Induction Furnaces (4x20 T) with matching LRF & CCM, Rolling Mill (0.25 MTPA) along with 26 MW capacity Captive Power Plant (16 MW WHRB & 10 MW AFBC based) by M/s. AIC Metaliks Private Limited located at Jamuria Industrial Estate, Jamuria, District Paschim Bardhman, West Bengal” from M/s AIC Metaliks Private Limited to M/s. TECH AIC DRI Pellets Private Limited– regarding.

Ref. : (i) Ministry’s EC letter No. J-11011/274/2019-IA-II(I) dated 06.07.2022
(ii) Online proposal no. IA/WB/IND/291804/2022 dated 13/10/2022

Sir,

Reference is invited to your online proposal no. IA/WB/IND/291804/2022 dated 13/10/2022 seeking transfer of Environment Clearance cited above from M/s AIC Metaliks Private Limited to M/s. TECH AIC DRI Pellets Private Limited.

2. The Ministry of Environment, Forest and Climate Change (MoEF&CC) has examined the request submitted by you and the following points are noted:

- i. Environment clearance (EC) to the project cited above was initially accorded by the Ministry vide letter no. J-11011/274/2019-IA-II(I) dated 06.07.2022 in the name of M/s AIC Metaliks Private Limited under the provisions of the EIA Notification, 2006 for Proposed Installation of Pellet Plant (0.6 MTPA), Sponge Iron Plant (2X350 TPD DRI Kiln), Induction Furnaces (4X20 T) with matching LRF and CCM, Rolling Mill (0.25MTPA) along with 26 MW Captive Power.
- ii. As reported by proponent, Consent to Establishment is yet to obtained and no physical progress has made in the project.
- iii. According to the records made available by the project proponent, following is the present status of the project:

S No	Proposed Units	Unit Configuration	Production capacity	Remarks
1	Pelletization Plant	(Module: 1x6,00,000 TPA)	6,00,000 TPA Pellets	Consent to Establishment is yet to obtained and no physical progress has made
2	Sponge Iron Plant	700 TPD (2x350 TPD)	2,31,000 TPA Sponge Iron	
3	Induction Furnaces	4x20 T	2,60,000 TPA Billets	

S No	Proposed Units	Unit Configuration	Production capacity	Remarks
	with matching LRF & CCM		(2,64,000 TPA Liquid Steel)	in the project.
4	Rolling Mill	2,50,000 TPA	2,50,000 TPA Structural (Sheets, Angles, Channels, TMT Bars, Wires, Rods, Strips, Pipes)	
5	Captive Power Plant	26 MW (16 MW WHRB based + 10 MW AFBC Boiler based)	26 MW Power	

iv. Reasons for transfer of EC:

The project was initially proposed by M/s. AIC Metaliks Private Limited to set up Pellet Plant (1x0.6 MTPA), Sponge Iron Plant (2x350 TPD DRI kilns), Induction Furnaces (4x20 T) with matching LRF & CCM, Rolling Mill (0.25 MTPA) along with 26 MW capacity Captive Power Plant (16 MW WHRB & 10 MW AFBC based) and EC was obtained on 06/07/2022. It has mutually decided that the M/s. TECH AIC DRI Pellets Private Limited will initiate and execute the proposed project in their name and style M/s. AIC Metaliks Private Limited agrees to transfer EC and right to use the land without any disturbances.

v. Documents submitted for EC transfer:

- i. Form No.7 for transfer of Environmental Clearance.
- ii. Copy of Authority Letter dated 07.09.2022 authorizing Mr. Dinesh Adukia, Director, M/s. TECH AIC DRI Pellets Private Limited to correspond and execute documents with MoEF&CC.
- iii. NOC by way of Affidavit in a non-judicial stamp dated 08.09.2022 by M/s. AIC Metaliks Private Limited certifying and confirming that M/s. AIC Metaliks Private Limited has no objection to transfer the Environment Clearance dated 06.07.2022.
- iv. Undertaking by way of Affidavit in a non-judicial stamp dated 08.09.2022 by M/s. TECH AIC DRI Pellets Private Limited that they will abide by and comply with all the conditions/environmental safeguards stipulated in the Environment Clearance dated 06.07.2022.
- v. MoU by way of Affidavit in a non-judicial stamp dated 20/07/2022 between M/s. TECH AIC DRI Pellets Private Limited and M/s. AIC Metaliks Private Limited mutually decided that the M/s. TECH AIC DRI Pellets Private Limited will initiate and execute the proposed project in their name and style M/s. AIC Metaliks Private Limited agrees to transfer EC and right to use the land without any disturbances.
- vi. Certificate of Incorporation of, M/s. TECH AIC DRI Pellets Private Limited dated 22.11.2020 bearing CIN Number U27320WB2020PTC241412.
- vii. Fresh Certificate of Incorporation consequent upon change of name of M/s. AIC Metaliks Private Limited dated 4.06.2007 bearing CIN Number U27109WB2004PTC099546

3. The matter has been examined in the Ministry and accordingly this Ministry hereby accepts your request to transfer the Environment Clearance accorded by MoEF&CC vide letter no. J-11011/274/2019-IA-II (I) dated 06.07.2022 from “**M/s AIC Metaliks Private Limited**” to “**M/s. TECH AIC DRI Pellets Private Limited**” subject to satisfactory compliance to all the stipulated specific and general conditions.

4. M/s. TECH AIC DRI Pellets Private Limited shall comply with the all specific and general conditions stipulated in the Environment Clearance letter of even no. dated 06.07.2022. Consent to Operate shall be obtained in the name of M/s. TECH AIC DRI Pellets Private Limited from State Pollution Control Board.

5. In case, there is a change in the scope of the project, fresh Environment Clearance shall be obtained.

6. This issues with the approval of the Competent Authority.

Yours faithfully,



(Dr. R. B. Lal)

Scientist 'E'/Additional Director

Tel: 011-20819346

Email- rb.lal@nic.in

Copy to:-

1. The Secretary, Department of Environment, Government of West Bengal, Secretariat Kolkata.
2. The Secretary, Department of Forests, Government of West Bengal, Kolkata.
3. The Director General of Forest, Ministry of Environment, Forest and Climate Change, New Delhi.
4. The Principal Chief Conservator of Forests, Government of West Bengal, Block LA, 10A Sector-III, Salt Lake City, Kolkata-700098.
5. The Deputy Director General of Forests (C), Integrated Regional Office, Ministry of Environment, Forest and Climate Change, IB-198, Sector-II, Salt Lake City, Kolkata – 700106
6. The Member Secretary, Central Pollution Control Board, CBD-Cum-Office Complex, East Arjun Nagar, New Delhi-110 032.
7. The Chairman, West Bengal State Pollution Control Board, Paribesh Bhawan, 10A- Block LA, Sector –III, Salt Lake City, Kolkata – 700 098.
8. The Member Secretary, Central Ground Water Authority, Jamnagar House, 18/11, Man Singh Road Area, New Delhi 110001.
9. Monitoring Cell, Ministry of Environment, Forest and Climate Change, Indira Paryavaran Bhawan, Jor Bagh Road, New Delhi.
10. District Collector, Paschim Bardhaman District, West Bengal.
11. M/s AIC Metaliks Private Limited - For information.
12. Guard File/Monitoring File/Website/Record File/ Parivesh Portal.



(Dr. R. B. Lal)

Scientist 'E'/Additional Director

Tel: 011-20819346

Email- rb.lal@nic.in



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

To,

The Director
AIC METALIKS PVT LTD
25, Ganesh Chandra Avenue, 4th Floor, Kolkata - 700013,,Kolkata,West
Bengal-700013

Subject: Grant of Environmental Clearance (EC) to the proposed Project Activity under the provision of EIA Notification 2006-regarding

Sir/Madam,

This is in reference to your application for Environmental Clearance (EC) in respect of project submitted to the Ministry vide proposal number IA/WB/IND/117709/2019 dated 19 Feb 2022. The particulars of the environmental clearance granted to the project are as below.

- EC Identification No.** EC22A008WB140363
- File No.** IA-J-11011/274/2019-IA-II(I)
- Project Type** New
- Category** A
- Project/Activity including Schedule No.** 3(a) Metallurgical industries (ferrous & non ferrous)
- Name of Project** Proposed installation of Pellet Plant (0.6 MTPA), Sponge Iron Plant (2x350 TPD DRI kiln), Induction Furnaces (4x20 T) with matching LRF & CCM, Rolling Mill (0.25 MTPA) along with 26 MW capacity Captive Power Plant (16 MW WHRB & 10 MW AFBC based).
- Name of Company/Organization** AIC METALIKS PVT LTD
- Location of Project** West Bengal
- TOR Date** 30 Oct 2019

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

Date: 06/07/2022

(e-signed)
Dr. R. B. Lal
Scientist E
IA - (Industrial Projects - 1 sector)

Note: A valid environmental clearance shall be one that has EC identification number & E-Sign generated from PARIVESH. Please quote identification number in all future correspondence.

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F. No. IA-J-11011/274/2019-IA-II(I)
Government of India
Ministry of Environment, Forest and Climate Change
(I.A. Division – Industry I sector)

Indira Paryavaran Bhawan
Jor Bagh Road, Aliganj,
New Delhi – 110003

Dated: 6th July, 2022

To,

M/s AIC Metaliks Private Limited,
25, Ganesh Chandra Avenue, 4th Floor,
Kolkata, West Bengal – 700 013
Email: vivekadukia@aicsteel.in

Subject: Proposed installation of Pellet Plant (1x0.6 MTPA), Sponge Iron Plant (2x350 TPD DRI kilns), Induction Furnaces (4x20 T) with matching LRF & CCM, Rolling Mill (0.25 MTPA) along with 26 MW capacity Captive Power Plant (16 MW WHRB & 10 MW AFBC based) by M/s. AIC Metaliks Private Limited located at Jamuria Industrial Estate, Jamuria, District Paschim Bardhman, West Bengal – Grant of Environment Clearance regarding.

Sir,

This refers to your proposal no. IA/WB/IND/117709/2019 submitted on 19/02/2022 through PARIVESH Portal and further ADS reply by the PP on 09.06.2022, seeking for grant of **Environment Clearance (EC)** for the project mentioned above.

2. As per the provisions of the Environment Impact Assessment (EIA) Notification, 2006, the above-mentioned project/activity is covered under category '**A**' of item **3(a) Metallurgical Industries (Ferrous and Non-ferrous) and 1 (d) Thermal Power Plant**, and appraised at **Central level**.

3. Accordingly, the above-mentioned proposal has been considered in **2nd meeting of Expert Appraisal Committee (Industry-1 Sector) held on 22-23rd March, 2022**. The minutes of the meeting and all the project documents are available on PARIVESH portal which can be accessed at <https://parivesh.nic.in>.

4. The details of the proposal are as per the EIA report submitted by the proponent. The salient features of the proposal as presented during the above-mentioned meetings of EAC (Industry 1) are as under: -

S No	Particulars	Details
a.	Terms of Reference for undertaking EIA study	30/10/2019
b.	Period of baseline data collection	1 st October, 2019 – 31 st December, 2019 and additional study of one month November, 2021 (Air), November & December, 2021 and February, 2022 (Surface Water)
c.	Date of Public Consultation	10/02/2021
d.	Action plan to address the PH issues	An amount of Rs. 327 lakhs have been earmarked to address the issues raised during public hearing. Action plan is enclosed as <u>Annexure – I</u> .
e.	Location of the project	Jamuria Industrial Estate, Jamuria, District Paschim Burdwan, West Bengal



S No	Particulars	Details		
		Point	Latitude	Longitude
f.	Latitude and Longitude of the project site	1	23°41'11.73"N	87° 5'47.09"E
		2	23°41'13.00"N	87° 5'53.32"E
		3	23°41'10.97"N	87° 6'1.69"E
		4	23°41'0.75"N	87° 6'18.37"E
		5	23°40'53.37"N	87° 6'11.98"E
g.	Total land	19.27 ha		
h.	Land acquisition details as per MoEF&CC O.M. dated 7/10/2014	Total land of 19.27 ha for the proposed project is already under the possession of the Company.		
i.	Existence of habitation & involvement of R&R, if any	There is no habitation and no involvement of R&R		
j.	Elevation of the project site	115 m AMSL		
k.	Involvement of Forest land if any.	NIL		
l.	Water body exists within the project site as well as study area	<p>Project Site: NIL</p> <p>Study area: Ajay River – 8.7 Km/NNE Damodar River – 9.3 km/SSW Several village pond within 3 km from the project site</p>		
m.	Existence of ESZ / ESA / national park / wildlife Sanctuary / biosphere Reserve / tiger reserve / elephant reserve etc. if any within the study area	Nil.		
n.	Project cost	INR 353 Crores (for proposed expansion)		
o.	EMP cost	INR 53.67 Crores		
p.	Employment opportunity	400 persons		
q.	Water and Power requirement	Water – 743 m ³ /day, Power – 45.5 MW		

Unit configuration and capacity:

S No	Proposed Units	Unit Configuration	Production capacity
1	Pelletization Plant	(Module: 1×6,00,000 TPA)	6,00,000 TPA Pellets
2	Sponge Iron Plant	700 TPD (2×350 TPD)	2,31,000 TPA Sponge Iron
3	Induction Furnaces with matching LRF & CCM	4×20 T	2,60,000 TPA Billets (2,64,000 TPA Liquid Steel)
4	Rolling Mill	2,50,000 TPA	2,50,000 TPA Structural (Sheets, Angles, Channels, TMT Bars, Wires, Rods, Strips, Pipes)
5	Captive Power Plant	26 MW (16 MW WHRB based + 10 MW AFBC Boiler based)	26 MW Power

5. The EAC, in its 2nd meeting of Expert Appraisal Committee (Industry-1 Sector) held on 22-23rd March, 2022, based on information & clarifications provided by the project proponent and after detailed deliberations recommended the proposal for grant of Environment Clearance subject to stipulation of specific and general conditions as detailed in the point below.

6. The matter has been examined in the Ministry and the IRO, MoEFCC, vide letter dated 09.06.2022, has informed to the Ministry that the project was monitored on 23/05/2022 with

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reference to earlier EC's of 2008 & 2011. The IRO MoEFCC, in its report, inter-alia, mentioned that "The project has not been set up as observed during the monitoring. It was observed that boundary wall is present on the said premise and PA have performed the land development work in the same premise. As the project has not been set up, EC stipulated conditions for the ECs dated 2008 and 2011 could not be verified."

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

A. Specific Condition:

- i. Three tier Green Belt shall be developed covering 33% of total area with native species all along the periphery of the project site with 10-70 m width and tree density shall not be less than 2500 per ha. Survival rate of green belt developed shall be monitored on periodic basis to ensure that damaged plants are replaced with new plants in the subsequent years. In addition, PP shall provide 50-107 wide green belt towards Ikara Govt. School located at 0.66 km from project site. Compliance status in this regard, shall be submitted to concerned Regional Office of the MoEF&CC.
- ii. Water requirement to the tune of 743 m³/day shall be met from Asansol Municipal Corporation after prior approval of the Competent Authority. No ground water abstraction is permitted.
- iii. The proposed project shall be designed as "Zero Liquid Discharge" Plant. No waste water will be discharged outside the plant boundary.
- iv. PP shall provide the rain water harvesting facility as per the action plan submitted along with the EIA report.
- v. All internal roads and connecting roads from project site to main highway shall be developed and maintained with suitable Million Axle Standard (MSA) as per the traffic load due to existing and proposed project.
- vi. Following additional arrangements to control fugitive dust shall be provided:
 - a. Fog / Mist Sprinklers at all conveyors point and 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. Properly 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.
- vii. Greening and Paving shall be implemented in the plant area to arrest soil erosion and dust pollution from exposed soil surface.
- viii. Performance test shall be conducted on all pollution control systems every year and report shall be submitted to the concerned Regional Office of the MoEF&CC.
- ix. Particulate matter emission from stacks shall be less than 30 mg/Nm³.
- x. 85-90 % of billets shall be rolled directly in hot stage. Reheating furnace shall be operated using LDO/LSHS as a fuel.



B. General conditions:

I. Statutory compliance:

- i. **The Environment Clearance (EC) granted to the project/ activity is strictly under the provisions of the EIA Notification, 2006 and its amendments issued from time to time. It does not tantamount/ construe to approvals/ consent/ permissions etc., required to be obtained or standards/conditions to be followed under any other Acts/Rules/Subordinate legislations, etc., as may be applicable to the project.**

II. Air quality monitoring and preservation

- i. The project proponent shall install 24x7 continuous emission monitoring system at process stacks to monitor stack emission as well as two Continuous Ambient Air Quality Station (CAAQS) for monitoring AAQ parameters with respect to standards prescribed in Environment (Protection) Rules 1986 as amended from time to time. The CEMS and CAAQMS shall be connected to SPCB and CPCB online servers and calibrate these systems from time to time according to equipment supplier specification through labs recognised under Environment (Protection) Act, 1986 or NABL accredited laboratories.
- ii. The project proponent shall monitor fugitive emissions in the plant premises at least once in every quarter through laboratories recognized under Environment (Protection) Act, 1986 or NABL accredited laboratories.
- iii. 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.
- iv. The project proponent shall provide leakage detection and mechanized bag cleaning facilities for better maintenance of bags.
- v. Recycle and reuse iron ore fines, coal and coke fines, lime fines and such other fines collected in the pollution control devices and vacuum cleaning devices in the process after briquetting/ agglomeration.
- vi. The project proponent shall ensure covered transportation and conveying of ore, coal and other raw material to prevent spillage and dust generation.
- vii. The project proponent shall provide primary and secondary fume extraction system at all melting furnaces.
- viii. Design the ventilation system for adequate air changes as per prevailing norms for all tunnels, motor houses, Oil Cellars.

III. Water quality monitoring and preservation

- i. The project proponent shall install 24x7 continuous effluent monitoring system with respect to standards prescribed in Environment (Protection) Rules 1986 (G.S.R 414 (E) dated 30th May 2008; G.S.R 277 (E) dated 31st March 2012 (applicable to IF/EAF); S.O. 3305 (E) dated 7th December 2015 (Thermal Power Plants) as amended from time to time and connected to SPCB and CPCB online servers and calibrate these system from time to time according to equipment supplier specification through labs recognised under Environment (Protection) Act, 1986 or NABL accredited laboratories.
- ii. The project proponent shall monitor regularly ground water quality at least twice a year (pre- and post-monsoon) at sufficient numbers of piezometers/sampling wells in the plant and



adjacent areas through labs recognised under Environment (Protection) Act, 1986 and NABL accredited laboratories.

- iii. Sewage Treatment Plant shall be provided for treatment of domestic wastewater to meet the prescribed standards.
- iv. 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.
- v. 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.

IV. Noise monitoring and prevention

- i. Noise quality shall be monitored as per the prescribed Noise Pollution (Regulation and Control) Rules, 2000 and report in this regard shall be submitted to Regional Officer of the Ministry as a part of six-monthly compliance report.

V. Energy Conservation measures

- i. Energy conservation measures may be adopted such as adoption of solar energy and provision of LED lights etc., to minimize the energy consumption.

VI. Waste management

- i. Used refractories shall be recycled.
- ii. Kitchen waste shall be composted or converted to biogas for further use.

VII. Green Belt

- i. The project proponent shall prepare GHG emissions inventory for the plant and shall submit the programme for reduction of the same including carbon sequestration including plantation.
- ii. Project proponent shall submit a study report on De-carbonization 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.

VIII. Public hearing and Human health issues

- i. Emergency preparedness plan based on the Hazard identification and Risk Assessment (HIRA) and Disaster Management Plan shall be implemented.
- ii. The project proponent shall carry out heat stress analysis for the workmen who work in high temperature work zone and provide Personal Protection Equipment (PPE) as per the norms of Factory Act.
- iii. Occupational health surveillance of the workers shall be done on a regular basis and records maintained.



IX. Environment Management

- i. The project proponent shall comply with the provisions contained in this Ministry's OM vide F.No. 22-65/2017-IA.III dated 30/09/2020. 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.
- ii. The company shall have a well laid down environmental policy duly approve by the Board of Directors. The environmental policy should prescribe for standard operating procedures to have proper checks and balances and to bring into focus any infringements/deviation/violation of the environmental / forest / wildlife norms / conditions. The company shall have defined system of reporting infringements / deviation / violation of the environmental / forest / wildlife norms / conditions and / or shareholders / stake holders. The copy of the board resolution in this regard shall be submitted to the MoEF&CC as a part of six-monthly report.
- iii. A separate Environmental Cell both at the project and company head quarter level, with qualified personnel shall be set up under the control of senior Executive, who will directly to the head of the organization.

X. Miscellaneous

- i. The project proponent shall make public the environmental clearance granted for their project along with the environmental conditions and safeguards at their cost by prominently advertising it at least in two local newspapers of the District or State, of which one shall be in the vernacular language within seven days and in addition this shall also be displayed in the project proponent's website permanently.
- ii. The copies of the environmental clearance shall be submitted by the project proponents to the Heads of local bodies, Panchayats and Municipal Bodies in addition to the relevant offices of the Government who in turn has to display the same for 30 days from the date of receipt.
- iii. The project proponent shall upload the status of compliance of the stipulated environment clearance conditions, including results of monitored data on their website and update the same on half-yearly basis.
- iv. The project proponent shall monitor the criteria pollutants level namely; PM₁₀, SO₂, NO_x (ambient levels as well as stack emissions) or critical sectoral parameters, indicated for the projects and display the same at a convenient location for disclosure to the public and put on the website of the company.
- v. The project proponent shall submit six-monthly reports on the status of the compliance of the stipulated environmental conditions on the website of the ministry of Environment, Forest and Climate Change at environment clearance portal.
- vi. The project proponent shall submit the environmental statement for each financial year in Form-V to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently and put on the website of the company.
- vii. The project proponent shall inform the Regional Office as well as the Ministry, the date of financial closure and final approval of the project by the concerned authorities, commencing the land development work and start of production operation by the project.
- viii. The project proponent shall abide by all the commitments and recommendations made in the EIA/EMP report, commitment made during Public Hearing and also that during their presentation to the Expert Appraisal Committee.



- ix. No further expansion or modifications in the plant shall be carried out without prior approval of the Ministry of Environment, Forests and Climate Change (MoEF&CC).
 - x. Concealing factual data or submission of false/fabricated data may result in revocation of this environmental clearance and attract action under the provisions of Environment (Protection) Act, 1986.
 - xi. The Ministry may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.
 - xii. The Ministry reserves the right to stipulate additional conditions if found necessary. The Company in a time bound manner shall implement these conditions.
 - xiii. The Regional Office of this Ministry shall monitor compliance of the stipulated conditions. The project authorities should extend full cooperation to the officer (s) of the Regional Office by furnishing the requisite data / information/monitoring reports.
 - xiv. Any appeal against this EC shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.
7. This issues with the approval of the Competent Authority.



(Dr. R. B. Lal)
Scientist 'E'/Additional Director
Tel: 011-20819346
Email-rb.lal@nic.in

Encl. as above at Annexure -I

Copy to: -

1. The Secretary, Department of Environment, Government of West Bengal, Secretariat Kolkata.
2. The Secretary, Department of Forests, Government of West Bengal, Kolkata.
3. The Director General of Forest, Ministry of Environment, Forest and Climate Change, New Delhi.
4. The Principal Chief Conservator of Forests, Government of West Bengal, Block LA, 10A Sector-III, Salt Lake City, Kolkata-700098.
5. The Deputy Director General of Forests (C), Integrated Regional Office, Ministry of Environment, Forest and Climate Change, IB-198, Sector-II, Salt Lake City, Kolkata – 700106
6. The Chairman, Central Pollution Control Board, CBD-Cum-Office Complex, East Arjun Nagar, New Delhi-110 032.
7. The Chairman, West Bengal State Pollution Control Board, Paribesh Bhawan, 10A- Block LA, Sector –III, Salt Lake City, Kolkata – 700 098.
8. The Member Secretary, Central Ground Water Authority, Jamnagar House, 18/11, Man Singh Road Area, New Delhi 110001.
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10. District Collector, District Paschim Bardhman, West Bengal.
11. Guard File/Monitoring File/Website/Record File/ Parivesh Portal



(Dr. R. B. Lal)
Scientist 'E'/Additional Director
Tel: 011-20819346
[Email-rb.lal@nic.in](mailto:rb.lal@nic.in)



Annexure – I

Concerns raised during Public Hearing	Physical Activity and Action Plan	Particulars	YEAR OF IMPLEMENTATION			Total Expenditure (Rs. in Lakhs)
			1 st Year	2 nd Year	3 rd Year	
<ul style="list-style-type: none"> Regarding Control measures for abatement of Air Pollution due to the proposed project 	<ul style="list-style-type: none"> Adequate control measures like installation of ESP, Bag filters, dust suppression system & stacks of adequate height at relevant places will be installed. Air borne dust shall be controlled by mobile water tanker inside the plant premises. Maintenance of air pollution control equipment shall be done at regular intervals. All roads shall be paved on which movement of raw materials or products will take place inside the plant premises. 	Physical Target Budget in Lakhs	The physical Target for the entire activities shall be achieved in 3 years. Included in the EMP Cost.			-
<ul style="list-style-type: none"> Development of local roads 	Construction of metal road (6 km) (@Rs. 18,00,000/- per Km) in the nearby six villages.	Physical Target (3 years) Budget in Lakhs	2 km metal road at Hijalgora & Barul villages 36	2 km metal road at Lalbazar & Jamsol villages 36	2 km metal road at Bhuri & Kumardiha villages 36	108
<ul style="list-style-type: none"> Development of local schools 	Financial support will be given to the local schools for the renovation / repairing work through extension of building / class room / development of library facilities / provision of computers for educational development purpose.	Physical Target (3 years) Budget in Lakhs	Development of existing building in 5 local schools by creating extra space @1000 sq.ft per school. 25	Development of 5 nos. playground each of 7200 sq.m along with the sports items in the local schools. 10	Supply of 15 nos. of computers with printers to the 5 local schools along with upgradation of existing libraries. 25	60
<ul style="list-style-type: none"> Ground water depletion 	As per an initial estimate, water to the tune of around 743 m ³ /day including 18 m ³ /day for domestic purposes will be required for the proposed project which will be fulfilled from Asansol Municipal Corporation supply system. No groundwater will be used for the proposed project.	Physical Target Budget in Lakhs	-			-



Concerns raised during Public Hearing	Physical Activity and Action Plan	Particulars	YEAR OF IMPLEMENTATION			Total Expenditure (Rs. in Lakhs)	
			1 st Year	2 nd Year	3 rd Year		
<ul style="list-style-type: none"> No discharge of waste water outside the plant premises 	<p>The plant will be designed as a zero discharge plant. The water will be recirculated through cooling and treatment. The entire waste water will be recycled for various purposes inside the plant.</p>	Physical Target	The physical Target shall be achieved with the commissioning of the project.			-	
		Budget in Lakhs	Included in the EMP Cost.				
<ul style="list-style-type: none"> Development of Green Belt inside and outside the plant 	<ul style="list-style-type: none"> The company has earmarked 15.72 acres (6.36 Ha) of land for Green Belt Development within its plant site. Around 15900 number of trees (@ 2500 nos. of tree per hectares) shall be planted under greenbelt development programme within the plant premises. Development of Parks and Tree Plantation Programme in the nearby villages will be done and distribution of saplings will be done to the nearby villagers and school students. 	Physical Target	Physical Target for greenbelt development inside the plant premises shall be achieved before commissioning of the project.			-	
			Development of 1 no. park of 25000 sq.m area along with tree plantation & distribution of saplings at village Hijalgora.	Development of 1 no. park of 25000 sq.m area along with tree plantation & distribution of saplings at village Bhuri.	8000 numbers Tree plantation & distribution of saplings at Barul, Jamsol&Kumardia villages.		
		Budget in Lakhs	Greenbelt development inside the plant included in the EMP Cost.				40
<ul style="list-style-type: none"> Organizing health camp for the local people 	<p>Periodic health check-up programme will be conducted by arranging camps through Primary Health Care Centers in nearby villages.</p>	Physical Target	Health checkup camps shall be organized on half-yearly basis, in 5 nearby villages for general body, eyes, blood test and donation along with mass vaccination for polio, dengue, typhoid, malaria, etc. For this purpose, one doctor along with 2 – 3 assistants shall be deputed. This will come under CSR activities of the company.			-	
		Budget in Lakhs	Shall be included in the CSR budget of the company				
<ul style="list-style-type: none"> Generation of employment opportunities for the local people 	<p>In the proposed project, top most priority will be given to the local people based on their academic qualification.</p> <p>Skill development to unemployed local youths through National Skill Development Corporation, Govt. of India Scheme. Construction of a building</p>	Physical Target (3 years)	Construction of a 2 – room building (1200 sq.ft area) with infrastructure development like installation of 5 sewing machines, 5 computer systems & 7 machines for making hand craft items along with necessary raw materials for training purpose.			40	
		Budget in Lakhs	15	15	10		



Concerns raised during Public Hearing	Physical Activity and Action Plan	Particulars	YEAR OF IMPLEMENTATION			Total Expenditure (Rs. in Lakhs)
			1 st Year	2 nd Year	3 rd Year	
	along with the necessary infrastructures for this purpose like different machineries for industries.					
• Providing drinking water facilities in village during dry season	20 numbers Tube well / Hand pumps in nearby villages (@ Rs. 50,000/- per Tube Well / Hand Pumps)	Physical Target (3 years)	8 nos. Tube wells in nearby 4 villages namely Hijalgora, Barul, Lalbazar&Jamsool villages	6 nos. Tube wells in nearby 3 villages namely Jote Janaki, ChakDoal&Bhuri villages	6 nos. Tube wells in nearby 3 villages namely Kumardiha, Babuisol&Gobindapur villages	10
		Budget in Lakhs	4	3	3	
• Safety due to vehicle movement for transportation of materials	<ul style="list-style-type: none"> All roads shall be paved on which movement of raw materials or products will take place inside the plant premises. Allowing only PUC certified vehicle movement inside the plant premises. Repairing of the roads wherever necessary and to the extent possible. 	Physical Target	The physical Target for the entire activities shall be achieved in 3 years.			-
		Budget in Lakhs	Included in the EMP Cost.			
Total Budget - Public Hearing related: Rs. 258 Lakhs						

Need based Assessment:

Need based Activities	Particulars	Year of Implementation			Total Expenditure (Rs. in Lakhs)
		1 st Year	2 nd Year	3 rd Year	
Street Lighting (Solar) provision at suitable public places in and around the nearby villages (125 numbers, @ Rs. 20,000/- per Solar Light)	Physical Target:	Providing 50 nos. Solar light at Hijalgora, Lalbazar&Jamsool villages	Providing 40 nos. Solar light at Jote Janaki, ChakDoal&Bhuri villages	Providing 35 nos. Solar light at Kumardiha, Babuisol&Gobindapur villages	25
	Budget in Lakhs	10	8	7	
Providing Dustbins (300 nos @Rs. 1000/- per unit) in nearby villages (under	Physical Target:	100 nos. Dustbins at Lalbazar&Jamsool villages	100 nos. Dustbins at Bhuri&Kumardiha villages	100 nos. Dustbins at Babuisol&Gobindapur villages	3
	Budget in Lakhs	1	1	1	



Need based Activities	Particulars	Year of Implementation			Total Expenditure (Rs. in Lakhs)
		1 st Year	2 nd Year	3 rd Year	
Swachh Bharat Scheme) for waste segregation and handling					
Rain Water Harvesting ponds in nearby villages (4 nos. @ Rs. 5 Lakhs per pond).	Physical Target:	2 Rain Water Harvesting pond at Hijolgora village	2 Rain Water Harvesting pond at Bhuri village	-	20
	Budget in Lakhs	10	10	-	
Construction of 7 nos. of ground water Recharging system for rainwater in nearby villages (@3 lakhs per system).	Physical Target:	3 no. of ground water Recharging system at Hijalgora village	2 no. of ground water Recharging system at Bhuri village	2 no. of ground water Recharging system at Barul village	21
	Budget in Lakhs	9	6	6	
Total Budget - Need based activities: Rs. 69 Lakhs					
Overall Budget (Public Hearing related + Need based Activities): Rs. 327 Lakhs					



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Scientist E

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