

Ref: -BSIPL/SMC/MoEFCC/OCT-2021 to MARCH-2022

Date: 27.05.2022

To,
The Inspector General of Forest (IGF)
GOI, MoEF&CC,
Integrated Regional Office, Kolkata
IB-198, Salt Lake City, Sector-III
Kolkata – 700106

SUB: Six Monthly Compliance (Oct. 2021 to March 2022) to Environmental Clearance conditions vide MoEF&CC F. No. J-11011/758/2009-IA-II (I) Dated 05th November, 2020 by M/s Bravo Sponge Iron Pvt. Limited, Vill-Mahuda, PO-Rukni, Dist- Purulia (WB)

Dear Sir/Madam,

With reference to above, we are submitting herewith the six monthly compliance report (Period Oct.-2021 to March-2022) of M/s Bravo Sponge Iron Private Limited, Vill- Mahuda, P.O- Rukini, P.S- Para, Dist- Purulia (WB) as per the directives of Ministry of Environment Forest and Climate Change, Government of India. Point wise compliance status report along with latest environment monitoring data is enclosed for your kind perusal.

Hard copy of the report has not been sent following MoEFCC Eastern Regional Office direction vide File No. 106-12/EPE Dated 11.05.2020. Hope you will find the same in order.

Kindly acknowledge our submission.

Thanking You.

Yours faithfully,

For **Bravo Sponge Iron Pvt. Limited**

Authorized Signatory

Encl: as above



Copy to:

The Environmental Engineer, West Bengal Pollution Control Board, Asansol Regional Office,
Kalyanpur Satellite Township Project, Dr. B.C. Roy Road, PO- Dakshin Dhadka, Asansol-713302 Dist.-Paschim Bardhaman (WB)

Six Monthly Compliance Report

(Period: October 2021-March 2022)



M/S Bravo Sponge Iron Pvt. Limited

Vill-Mahuda, PO-Rukni, PS-Para, Dist- Purulia,

(West Bengal)

SIX MONTHLY COMPLIANCE RPORT

Name of the Project	: M/S BRAVO SPONGE IRON PVT. LIMITED Vill-Mahuda, PO-Rukni, PS-Para, Dist- Purulia (WB)
Environmental Clearance Letter Ref.	: F.No.: J-11011/758/2009-IA-II(I) dated 05 th November, 2020
Period of Compliance Report	: October-2021 to March-2022

S.N	Conditions	Compliance Status
A. Specific conditions		
i.	The 95 TPD DRI Unit shall be upgraded to 100 TPD with installation of 2MW WHRB.	Noted. It shall be implemented.
ii.	All dust generated and collected from the plant roads, floors and bag houses/ESPs shall be recycled to Pellet Plant.	It is being complied. The dust generated from material handling & operational areas i. e. floors, bag houses, ESPs etc are collected and used with input raw material for Pellet Plant
iii.	CPP shall meet all norms for PM, SO ₂ and NO _x emissions. CEMS shall be integrated with the plant control and the monitored data shall be used for process control.	CEMS has already been installed and integrated with process control system where monitoring data being displayed and considered for process control.
iv.	Producer Gas Plant shall be closed circuit type without any generation of phenolic water. Tar sludge and tar shall be handled in environmentally sound manner as per HW Rules, 2016.	It is being complied. Generated Tar and sludge from producer gas being stored in properly isolated storage system. It is being/ shall be used as Fuel in DRI Kiln /alternately sold to authorized re-processors approved by SPCB / CPCB.
v.	Only DVC water shall be used and abstraction of ground water is not permitted.	Noted. It is being/shall be adhered accordingly. The company takes water Damodar Valley Corporation (DVC). No ground water being extracted.
vi.	100% water consumed annually shall be recharged through water harvesting.	Rain water harvesting pond has been developed within the plant premises to natural recharge of ground water. Further it will be enhanced with implementation of expansion project. The company shall adapt ponds in nearby areas and maintain it for rain water harvesting and natural recharge. The company has developed 02 nos. pond in Kashiberia and oi no. in Govindpur village for rain water harvesting.
vii.	A sum of Rs. 3.8125Cr shall be allocated to CER Activities as per list furnished and all CER Activities shall be completed within three years.	CER activities shall be implemented as mentioned in the EIA/EMP report. Company has already deployed mobile water tanker for water sprinkling. Hand pump for drinking water facility Solar lighting system in the village Mahuda & Kashiberia total 10 nos.



S.N	Conditions	Compliance Status
		Construction of health check-up Centre has been completed and it is operational with suitably qualified medical staff and a visiting doctor. The company has developed 02 nos. pond in kashiberia and 01 no. in Govindpur village for rain water harvesting.
viii.	All roads inside the plant shall be paved, vacuum cleaners shall be provided to clean roads and shop floors.	Most of the internal roads in the existing plant area are concreted/ paved and concreting of roads in project area is under progress. Cleaning of the roads being done on regular basis. Some photographs of RCC roads are enclosed as Annexure-1
ix.	Water spray systems shall be included to control fugitive dust from RM stockpiles.	Water spraying facility has been provided in raw material handling area to control the fugitive dust emission. The raw material congaing fine dust being covered with tarpaulin.
x.	40% green belt shall be provided using 2500 trees per ha around the plant boundary.	Company has already achieved the target of 33% green belt development by plantation of 13500 plants of different indigenous species covering 5.38 Ha area against previous EC. In the ongoing project area approx. 11500 trees have been planted so far covering 4.63 Ha land under the green belt/green cover development in and around the plant boundary.
xi.	85-90% rolling shall be done as hot charged. Use of LDO shall be practiced in RHF whenever it is run. FO and Pulverized coal shall not be used.	It shall be complied as per direction. The Rolling mill yet to be implemented.
xii.	Air cooled condensers shall be used.	Air cooled condenser is already installed with TG and shall also be implemented with balance project of CPP.
xiii.	PM emission from the stacks shall be less than 30mg/Nm ³ .	It shall be complied with under implementation and to be implemented projects. Existing projects complies with emission standards as stipulated in previous EC and West Bengal Pollution Control Board. Latest stack monitoring reports of existing running project are attached as Annexure-2
xiv.	Energy conservation measures like use of VFD; Slip power recovery etc. shall be adopted.	VFD has already provided at strategic location like ID/FD fan/high power consuming motors etc. for slip power recovery and it shall also be adapted with upcoming implementation projects.
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	Noted. Bravo Sponge Iron Pvt. Limited has obtained CTO from West Bengal Pollution Control Board (WBPCB) for existing operating units and after getting EC vide F. No.:



S.N	Conditions	Compliance Status
	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.	J-11011/758/2009-IA-II(I) dated 05 th November, 2020, the CTE for proposed expansion projects. CTO for 1x0.85 MTPA Pellet Plant & 12x4000Nm ³ PGP has also been obtained from WBPCB. Copy of existing CTE & CTO attached as Annexure-3A &3B
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 Continuous Ambient Air Quality Station (CAAQS) for monitoring AAQ parameters with respect to standards prescribed in Environment (Protection) Rules 1986 as amended from time to time. The CEMS and CAAQMS shall be connected to SPCB and CPCB online servers and calibrate these systems from time to time according to equipment supplier specification through labs recognized under Environment (Protection) Act, 1986 or NABL accredited laboratories.	<p>Online Continuous Emission Monitoring System (OCEMS) have already been installed with stacks of DRI and AFBC Boiler Stacks and monitored data being remitted to CPCB & SPCB through online server.</p> <p>Ambient Air Quality Monitoring (AAQM) being done periodically through NABL accredited agency.</p> <p>Purchase Order for AAQMS have been placed and shall be installed in consultation with WBPCB.</p> <p>Latest Ambient Air Quality Monitoring reports are attached as Annexure-4</p>
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.	<p>Fugitive emissions in plant premises being monitored by NABL accredited laboratory on regular basis.</p> <p>Last work zone monitoring report is attached as Annexure-5</p>
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.	<p>Air Pollution Control (APC) systems have been installed like bag filters and ESPs for an effective control of dust emissions from vulnerable sources. Dust extraction system has been provided at the strategic points attached with bag filter units for cooler discharge, intermediate bin, product house, separation house and PCI unit. Fixed type water sprinklers are installed for dust suppression at raw material handling system along the conveyor, finished product house area, cooler discharge, along with Kiln axis and all other strategic locations to control the fugitive dust emissions.</p> <p>BSIPL have deployed mobile water tankers for dust suppression on the road and minimizing fugitive emissions.</p>
iv.	The project proponent shall provide leakage detection and mechanized bag cleaning facilities for better maintenance of bags.	<p>Functioning of bag filters being monitored by suitably skilled manpower and observations noticed being promptly attended. Leakage detection and mechanized bag cleaning facilities shall be provided for the bag filter units of upcoming projects.</p>



S.N	Conditions	Compliance Status
v.	Recycle and reuse of 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.	It is being complied. Iron Ore fines collected from pollution control devices and ground level working platform being collected and used at Pellet Plant whereas coal fines used for captive power generations.
vi.	The project proponent shall ensure covered transportation and conveying of ore, coal and other raw material to prevent spillage and dust generation.	It is being/shall be complied. Covered transportation of raw materials being done to prevent spillage and dust generation.
vii.	The project proponent shall provide primary and secondary fume extraction system at all melting furnaces.	Proper fume extraction system has been provided attached with bag filter and stack. Stack monitoring and work zone monitoring report is attached as Annexure-2 & 5
viii.	Wind shelter fence and chemical spraying shall be provided on the raw material stock piles.	Raw Material stock piles are being covered for providing proper wind shelter. Water sprinkling also being done to prevent fugitive emission due to wind pressure.
ix.	Design the ventilation system for adequate air changes as per prevailing norms for all tunnels, motor houses, Oil Cellars.	Suitable ventilation is provided for proper air circulation in such areas and shall also be provided for adequate air changes for all tunnels, motor houses, Oil Cellars with implementation of projects.
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 30 th May 2008; G.S.R 277 (E) dated 31 st March 2012 (applicable to IF/EAF); S O. 3305 (E) dated 7 th December 2015 (Thermal Power Plants) as amended from time to time and connected to SPCB and CPCB online services and calibrate these system from time to time according to equipment supplier specification through labs recognized under Environment (Protection) Act, 1986 or NABL accredited laboratories.	Recycling and reuse practice is being followed for return cooling water. Back wash/reject water from softener plant being collected in neutralization tank and reused for dust suppression & bed ash cooling after maintaining the pH level. Effluent generated beyond the above if any being treated in ETP and used for green belt development and sprinkling for dust suppression. Last Effluent monitoring report analyzed by NABL accredited laboratory is enclosed as Annexure-6
ii.	The project proponent shall monitor regularly ground water quality at least twice a year (pre and post monsoon) at sufficient numbers of piezometers/sampling wells in the plant and adjacent areas through labs recognized under Environment (Protection) Act, 1986 and NABL accredited laboratories.	Ground Water Quality has been monitored by NABL accredited laboratory. No ground water being extracted by the company, hence there is no scope of affecting the ground water level due to industrial activities. Latest ground water monitoring report, sample taken from Mahuda village is attached as Annexure-7


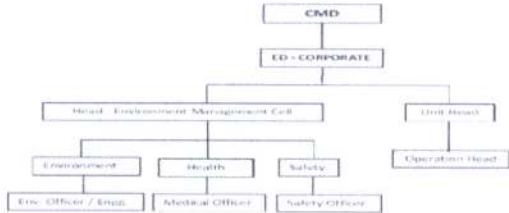


S.N	Conditions	Compliance Status
iii.	Adhere to 'Zero Liquid Discharge'.	It is being complied. Recycle and re-use practice has been adapted and no industrial effluent being discharged outside the factory premises.
iv.	Sewage Treatment Plant shall be provided for treatment of domestic wastewater to meet the prescribed standards.	At present for the treatment of domestic sewage effluent septic tank followed by soak pit facility has been provided. Sewage Treatment Plant shall be installed with implementation of the project.
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.	Stock piles are kept suitably covered with tarpaulin to check and prevent water contamination due to rain. Concreted raw material yard with garland drain has been constructed 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.	It is being complied. Latest Ambient & Work Zone Noise monitoring reports are enclosed as Annexure-8 & 9
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.	Energy conservation measure has already been adapted by providing LED lights in the offices to minimization of energy consumption. Solar light have been installed in the village Mahuda & Kashiberia and in plant also under CER activity.
VI.	Waste management	
i.	Used refractories shall be recycled as far as possible.	Noted. Efforts shall be done to recycle the refractories as far as possible.
ii.	100% utilization of fly ash shall be ensured. All the fly ash shall be provided to cement and brick manufacturers for further utilization and Memorandum of Understanding in this regard shall be submitted to the Ministry's Regional Office.	It is being complied. The fly ash generated within the plant is provided to brick manufacturers for further utilization. Accordingly, company has made the agreement with various vendors for the same. Copies of the agreements are enclosed as Annexure-10
iii.	Only scum and metallic sludge recovered from rolling mills ETP shall be mixed, dried and briquetted and reused in melting Furnaces.	Noted. It shall be complied with implementation of rolling mill project. Rolling mill project yet to be implemented.
iv.	Kitchen waste shall be composted or converted to biogas for further use.	It is being complied. Kitchen waste being composted and used as manure for plantation.



S.N	Conditions	Compliance Status
VII.	Green Belt	
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.	Company has already achieved the target of 33% green belt development by plantation of 13500 plants of different indigenous species covering 5.38 Ha area against previous EC. In the ongoing project area approx. 11500 trees have been planted so far covering 4.63 Ha land under the green belt/green cover development in and around the plant boundary. The company has planned a massive plantation drive during ensuing monsoon season. Post plantation work for nourishment of the plants being done on regular basis. Some photographs of plantation are attached as Annexure-11
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.	It shall be complied.
VIII.	Public hearing and Human health issues	
i.	Emergency preparedness plan based on the Hazard Identification and Risk Assessment (HIRA) and Disaster Management Plan shall be implemented.	Emergency preparedness plan based on the Hazard Identification and Risk Assessment (HIRA) and Disaster Management Plan has been prepared based on different kind of operation process and under execution. It shall also be implemented in forthcoming projects.
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.	Personal Protection Equipment (PPE) like safety shoes, hand gloves, face shield, apron etc. being provided to the workmen deployed in hot work zone. Heat stress analysis shall be carried out as per direction.
iii.	Occupational health surveillance of the workers shall be done on a regular basis and records maintained.	Occupational health surveillance program of the workers being under taken on regular basis and records are maintained. Last health surveillance report attached as Annexure-12
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-IA.III dated 1 st May 2018, as applicable, regarding Corporate Environment Responsibility.	Environmental protection measures have been implemented for effective compliance recommended in EIA/EMP reports. BSIPL has initiated to comply with socio-economic development activities in surrounding villages. As a part of CSR we have developed health checkup center equipped with health checkup facilities and qualified medical staff, facilitating study materials to the school students (school bags and books, pencil box, water bottle



S.N	Conditions	Compliance Status
		<p>etc.) of nearby villages. School building in the village Kashiberiya is under progressive stage of construction, drinking water in nearby Mahuda village and renovation of village pond etc. Under enterprise social commitment providing jobs to the local people and contribution towards social causes etc. Mobile water tankers are deployed on the roads for dust suppression. Water sprinkling being done on nearby village roads also.</p>
ii.	<p>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.</p>	<p>It is compiled and already submitted. BSIPL have implemented standard operating procedure to look into any infringement/ deviation/violation of environmental/ forest/wildlife norms/ conditions. BSIPL have also the Hierarchical system/ Administrative order to deal with environmental issues and compliance of EC conditions.</p> <div style="text-align: center;">  <pre> graph TD CMD[CMD] --> ED[ED - CORPORATE] ED --> HEMC[Head, Environment Management Cell] ED --> OH[Opn Head] HEMC --> Env[Environment] HEMC --> Health[Health] HEMC --> Safety[Safety] Env --> EnvOff[Env. Officer / Insp.] Health --> MedOff[Medical Officer] Safety --> SafOff[Safety Officer] OH --> OpnHead[Operation Head] </pre> </div> <p>BSIPL, have in placed reporting system for non-compliance/violation of environmental norms.</p> <div style="text-align: center;">  <pre> graph TD Board[Board of Directors] --> CMD[CMD] CMD --> ED[ED - CORPORATE] ED --> HEMC[Head, Environment Management Cell] ED --> OH[Opn Head] HEMC --> Env[Environment] HEMC --> Health[Health] HEMC --> Safety[Safety] Env --> EnvOff[Env. Officer / Insp.] Health --> MedOff[Medical Officer] Safety --> SafOff[Safety Officer] OH --> OpnHead[Operation Head] </pre> </div>
iii.	<p>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.</p>	<p>An environmental cell has been set up under the supervision of Senior Executive to look after the day to day activities pertaining to environment & pollution control issues of the company.</p>
X.	Miscellaneous	
i.	<p>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 as least in two local newspapers of the District or State, of which one shall be in the</p>	<p>It has been complied Advertisement in newspaper has been done. Newspaper cuttings are attached as Annexure-13 Granted EC copy has been available as 'Environmental Orders' on the company website permanently</p>



S.N	Conditions	Compliance Status
	vernacular language within seven days and in addition this shall also be displayed in the project proponent's website permanently.	http://shakambhariispat.com/assets/uploads/documents/BSIPLEC3_205-11-2020.pdf
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.	Complied.
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.	It is being complied. Compliance status being periodically uploaded on the company website http://shakambhariispat.com/environmental-compliance
iv.	The project proponent shall monitor the criteria pollutants level namely; PM ₁₀ , SO ₂ , 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.	It is being complied. Monitoring of criteria pollutants being carried out for PM ₁₀ , PM _{2.5} , SO ₂ , NO ₂ and stack monitoring for PM, SO ₂ , and NO _x . Latest Ambient Air Quality monitoring and stack monitoring reports are enclosed in Annexure-4 & 2
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.	It shall be complied.
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.	It is being complied on regular basis. Previous year Environment Statement in Form-V has already been submitted to SPCB with a copy to MoEFCC Regional Office Kolkata and also uploaded on company's website. The environment statement of the ending financial year 31 st March, 2022 will be submitted in Form-V and compliance status will be displayed on the company's website as per direction.
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.	On the basis of EC granted by Hon ^{ble} MoEF&CC, BSIPL has obtained CTE from West Bengal Pollution Control Board (WBPCB) and after that land development work and other project related activities has been started. 1x0.85 MTPA Pellet Plant and 12x4000Nm ³ PGP has been implemented and under operation after takin CTO from WBPCB. Copy of CTE & CTO attached as Annexure-3A&3B .



S.N	Conditions	Compliance Status
		E-verification of the project status has been submitted on the link as asked by MoEFCC. E-verification copy attached as Annexure-14 .
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.	Noted. The commitments made during public hearing, recommendations made in the EIA/EMP report and also that during presentation to the Expert Appraisal Committee on different aspects has been implemented and are under implementation with the development of the ongoing projects. The pollution control facilities like bag filters, ESPs, closed conveying system, dust extraction system on different transfer points, water sprinkling on roads and other dust prone areas for fugitive dust suppression, construction of health checkup center and operating with qualified medical staff, safety appliances to the workers, drinking water arrangements for the villagers as per requirement, solar lighting system on Kashiberia and Mahuda village has been implemented. Construction of school is under progress in Kashiberia village. Rain water harvesting pond has been developed for natural ground water recharge.
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)	It shall be followed. No further expansion or modification will be undertaken without prior approval of the 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.	Noted.
xi.	The Ministry may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.	Noted.
xii.	The Ministry reserves the right to stipulate additional if found necessary. The Company in a time bound manner shall implement these conditions.	Noted. The company shall be abide with the stipulations and direction made by Hon'ble MoEFCC.
xiii.	The Regional Office of this Ministry shall monitor compliance of the stipulated conditions. The project authorities should extend full cooperation to the officer(s) of the Regional Office by furnishing the requisite data/information/monitoring reports.	Noted. It shall be adhered.
xiv.	Any appeal against this EC shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.	Noted.



Annexure-1

PHOTOGRAPHS OF RCC ROADS



PHOTOGRAPHS OF RCC ROADS



PHOTOGRAPHS OF RCC ROADS



PHOTOGRAPHS OF RCC ROADS



Annexure-2



ENVIROCHECK

Recognised by MoEF&CC, WBPCB & JSPCB
Accredited by NABL (ISO/IEC 17025:2017)
Certified by ISO 9001:2015, ISO 14001:2015 & ISO 45001:2018



TEST REPORT

FORMAT NO : ENV/FM/38

Name of the Industry	: Bravo Sponge Iron Pvt. Ltd.	Type of Industry	: Steel & Power Unit
Address	: Vill. – Mohuda. P.O. – Rukni, P.S. – Para, Purulia – 723145	Sampling Date	: 26.03.2022
		Period of Analysis	: 28.03.2022 – 28.03.2022
		Date of Issue	: 30.03.2022
Sampling Plan & Procedure	: ENV/SOP/01	Deviation from the Sampling Method and Plan	: No
Sample ID No.	: ENV/70/March/A/I	Report No.	: ENV/70/March/TR(A)/1/21-22

A. GENERAL INFORMATION ABOUT STACK PROVIDED BY THE INDUSTRY

Stack Attached to	: Rotary Kiln (No. 1 & 2) attached to common stack
Shape of Stack	: Circular
Materials of Construction	: M.S.
Capacity	: Kiln No.1 – 100 TPD & Kiln No.2 – 95 TPD
Emission Due to	: Oxidation of Coal & Reduction of Fe-Ore
Fuel Used	: Coal
Working Fuel Consumption	: Rated – 5.63 MT/hr. (each kiln) Working – 5.12 MT/hr. (each Kiln)
Pollution Control Device	: E.S.P with W.H.R.B

B. RESULTS

SL. NO.	PARAMETERS	UNIT	METHOD NO.	RESULTS
1.	Flue Gas Temperature	°C	IS 11255 (Part 1)	: 152.0
2.	Barometric Pressure	mm of Hg.	--	: 755.0
3.	Velocity of Gas flow	m/s	IS 11255 (Part 3)	: 10.01
4.	Quantity of Gas flow	Nm ³ /hr.	IS 11255 (Part III)	: 69299.73
5.	Concentration of SO ₂	mg/Nm ³	IS 11255 (Part 2) 1985 RA 2003	: 701.79
6.	Concentration of CO ₂	% (v/v)	IS 13270 1992 RA 2003	: 11.4
7.	Concentration of CO	%(v/v)	IS 13270 1992 RA 2003	: <1.0
8.	a) Concentration of Particulate Matter (at 11.4% CO ₂)	mg/Nm ³	IS 11255 (Part - 1) 1985 RA 2003 & ASTM D 3685/D 3685M-98 (reapproved 2005) :	: 15.20
	b) Concentration of Particulate Matter (at 12% CO ₂)		Sec. 11 (Vol. 3 11.07) : 2011	: 16.0

Remarks : During monitoring both Kilns were in operation.

Reviewed By :

INDRANI BHATTACHARYA
Dy. Technical Manager, Chemical

Approved By :

Dr. SUMIT CHOWDHURY
Technical Manager



ENVIROCHECK

Recognised by MoEF&CC, WBPCB & JSPCB
Accredited by NABL (ISO/IEC 17025:2017)
Certified by ISO 9001:2015, ISO 14001:2015 & ISO 45001:2018



TEST REPORT

FORMAT NO : ENV/FM/38

Name of the Industry	: Bravo Sponge Iron Pvt. Ltd.	Type of Industry	: Steel & Power Unit
Address	: Vill. – Mohuda. P.O. – Rukni, P.S. – Para, Purulia – 723145	Sampling Date	: 26.03.2022
		Period of Analysis	: 28.03.2022 – 28.03.2022
		Date of Issue	: 30.03.2022
Sampling Plan & Procedure	: ENV/SOP/01	Deviation from the Sampling Method and Plan	: No
Sample ID No.	: ENV/70/March/A/II	Report No.	: ENV/70/March/TR(A)/II/21-22

A. GENERAL INFORMATION ABOUT STACK PROVIDED BY THE INDUSTRY

Stack Attached to	: Rotary Kiln (No. 3 & 4) attached to common stack
Shape of Stack	: Circular
Materials of Construction	: M.S.
Capacity	: 100 TPD (each kiln)
Emission Due to	: Oxidation of Coal & Reduction of Fe-Ore
Fuel Used	: Coal
Working Fuel Consumption	: Rated – 5.63 MT/hr. (each kiln) Working – 5.12 MT/hr. (each Kiln)
Pollution Control Device	: E.S.P with W.H.R.B

B. RESULTS

SL. NO.	PARAMETERS	UNIT	METHOD NO.	RESULTS
1.	Flue Gas Temperature	°C	IS 11255 (Part 1)	: 164.0
2.	Barometric Pressure	mm of Hg.	--	: 755.0
3.	Velocity of Gas flow	m/s	IS 11255 (Part 3)	: 10.23
4.	Quantity of Gas flow	Nm ³ /hr.	IS 11255 (Part III)	: 61877.02
5.	Concentration of SO ₂	mg/Nm ³	IS 11255 (Part 2) 1985 RA 2003	: 675.31
6.	Concentration of CO ₂	% (v/v)	IS 13270 1992 RA 2003	: 10.8
7.	Concentration of CO	%(v/v)	IS 13270 1992 RA 2003	: <1.0
8.	a) Concentration of Particulate Matter (at 10.8% CO ₂)	mg/Nm ³	IS 11255 (Part - 1) 1985 RA 2003 & ASTM D 3685/D 3685M-98 (reapproved 2005) :	: 14.09
	b) Concentration of Particulate Matter (at 12% CO ₂)		Sec. 11 (Vol. 3 11.07) : 2011	: 15.65

Remarks : During monitoring both Kilns were in operation.

Reviewed By :

INDRANI BHATTACHARYA
Dy. Technical Manager, Chemical

Approved By :

Dr. SUMIT CHOWDHURY
Technical Manager

H.O. : 63/B, Rastraguru Avenue, Kolkata -700028 ■ Ph. 033 25792891/ 25497490 ■ Fax : 033 25299141
 Laboratory : 189, 190 & 192, Rastraguru Avenue, Kolkata -700028 ■ Ph. 033 25792889
 E-mail : info@envirocheck.in / envirocheck50@gmail.com ■ Website : www.envirocheck.in
 Branch Office : Siliguri ■ Haldia ■ Durgapur ■ Dhanbad ■ Gangtok ■ Port Blair ■ Dehradun ■ New Delhi
 Overseas : UAE ■ Qatar ■ Netherlands



ENVIROCHECK

Recognised by MoEF&CC, WBPCB & JSPCB
Accredited by NABL (ISO/IEC 17025:2017)
Certified by ISO 9001:2015, ISO 14001:2015 & ISO 45001:2018



TEST REPORT

FORMAT NO : ENV/FM/38

Name of the Industry	: Bravo Sponge Iron Pvt. Ltd.	Type of Industry	: Steel & Power Unit
Address	: Vill. – Mohuda. P.O. – Rukni, P.S. – Para, Purulia – 723145	Sampling Date	: 26.03.2022
		Period of Analysis	: 28.03.2022 – 28.03.2022
		Date of Issue	: 30.03.2022
Sampling Plan & Procedure	: ENV/SOP/01	Deviation from the Sampling Method and Plan	: No
		Type of Sample	: Stack Emission
Sample ID No.	: ENV/70/March/A/III	Report No.	: ENV/70/March/TR(A)/III/21-22

A. GENERAL INFORMATION ABOUT STACK PROVIDED BY THE INDUSTRY

Stack Attached to	: AFBC Boiler
Shape of Stack	: Circular
	Height of Stack (mtr.) (from G. L.) : 45.0
Materials of Construction	: M.S.
	Stack I.D. at sampling point (mtr.) : 2.20
Capacity	: 20 TPH
	Height of sampling port (mtr.) (from G.L.) : 16.0
Emission Due to	: Oxidation of Coal & Reduction of Fe-Ore
Fuel Used	: Coal&Dolochar
	Permanent Platform & Ladder : Yes
Working Fuel Consumption	: Coal – 110 TPD&Dolochar – 130 TPD
Pollution Control Device	: E.S.P with W.H.R.B

B. RESULTS

SL. NO.	PARAMETERS	UNIT	METHOD NO.	RESULTS
1.	Flue Gas Temperature	°C	IS 11255 (Part 1)	: 136.0
2.	Barometric Pressure	mm of Hg.	--	: 755.0
3.	Velocity of Gas flow	m/s	IS 11255 (Part 3)	: 9.83
4.	Quantity of Gas flow	Nm ³ /hr.	IS 11255 (Part III)	: 94938.21
5.	Concentration of SO ₂ (at 6% O ₂)	mg/Nm ³	IS 11255 (Part 2) 1985 RA 2003	: 263.41
6.	Concentration of NO _x (at 6% O ₂)	mg/Nm ³	IS : 11255 (Part 7) 2005 & ASTM D 1608-98 reapproved 2009 : Sec 11 (Vol. 11.07) : 2011	: 90.67
7.	Concentration of CO ₂	% (v/v)	IS 13270 1992 RA 2003	: 10.6
8.	Concentration of CO	%(v/v)	IS 13270 1992 RA 2003	: <1.0
9.	a) Concentration of Particulate Matter	mg/Nm ³		: 12.95
	b) Concentration of Particulate Matter (at 6% O ₂)		IS 11255 (Part - 1) 1985 RA 2003 & ASTM D 3685/D 3685M-98 (reapproved 2005) : Sec. 11 (Vol. 3 11.07) : 2011	: 15.41

Remarks :

Reviewed By :

INDRANI BHATTACHARYA
Dy. Technical Manager, Chemical

Approved By :

Dr. SUMIT CHOWDHURY
Technical Manager



ENVIROCHECK

Recognised by MoEF&CC, WBPCB & JSPCB
Accredited by NABL (ISO/IEC 17025:2017)
Certified by ISO 9001:2015, ISO 14001:2015 & ISO 45001:2018



TEST REPORT

FORMAT NO : ENV/FM/38

Name of the Industry	: Bravo Sponge Iron Pvt. Ltd.	Type of Industry	: Steel & Power Unit
Address	: Vill. – Mohuda. P.O. – Rukni, P.S. – Para, Purulia – 723145	Sampling Date	: 26.03.2022
		Period of Analysis	: 28.03.2022 – 28.03.2022
		Date of Issue	: 30.03.2022
Sampling Plan & Procedure	: ENV/SOP/01	Deviation from the Sampling Method and Plan	: No
Sample ID No.	: ENV/70/March/A/IV	Report No.	: ENV/70/March/TR(A)/IV/21-22

A. GENERAL INFORMATION ABOUT STACK PROVIDED BY THE INDUSTRY

Stack Attached to	: Fe- Ore Pallet Formation Stack
Shape of Stack	: Circular
Materials of Construction	: Concrete
Capacity	: 2500 MT/Day
Emission Due to	: Combustion of Furnace Oil
Fuel Used	: Furnace Oil
Working Fuel Consumption	: 800 liter./hr.
Pollution Control Device	: E.S.P

B. RESULTS

SL. NO.	PARAMETERS	UNIT	METHOD NO.	RESULTS
1.	Flue Gas Temperature	°C	IS 11255 (Part 1)	: 105.0
2.	Barometric Pressure	mm of Hg.	--	: 755.0
3.	Velocity of Gas flow	m/s	IS 11255 (Part 3)	: 12.24
4.	Quantity of Gas flow	Nm ³ /hr.	IS 11255 (Part III)	: 238336.85
5.	Concentration of SO ₂ (at 6% O ₂)	mg/Nm ³	IS 11255 (Part 2) 1985 RA 2003	: 229.66
6.	Concentration of CO ₂	% (v/v)	IS 13270 1992 RA 2003	: 9.8
7.	Concentration of CO	%(v/v)	IS 13270 1992 RA 2003	: <1.0
8.	Concentration of Particulate Matter	mg/Nm ³	IS 11255 (Part - 1) 1985 RA 2003 & ASTM D 3685/D 3685M-98 (reapproved 2005) : Sec. 11 (Vol. 3 11.07) : 2011	: 28.50

Remarks :

Reviewed By :

INDRANI BHATTACHARYA
Dy. Technical Manager, Chemical

Approved By :

Dr. SUMIT CHOWDHURY
Technical Manager

Annexure-3A

WEST BENGAL POLLUTION CONTROL BOARD

Paribesh Bhawan
10A, Block - LA, Sector III, Bidhannagar
Kolkata - 700 106

Memo No. 349-2N-117/2007(E)-Pt.Dated 10.11.2020

From :
Member Secretary,
West Bengal Pollution Control Board

To: M/s. Bravo Sponge Iron Private Limited,
41, A, J, C, Bose Road, Diamond Prestige, 8th Floor, Room No. 801,
Kolkata - 700 017.

Sub: Consent to Establish (NOC) from Environmental Point of View

Ref: i) Your letter No. Nil
ii) Env. Clearance issued by MOEF vide P.No. J-11011/758/2009-IA-II(1) dtd. 05.11.2020. Dated 09.11.2020

WEST BENGAL

Dear Sirs,

In response to the application for Consent to Establish (NOC) for proposed Unit of M/s Bravo Sponge Iron Private Limited for proposed expansion of existing steel plant by installation of pellet plant with grinding facility (2x0.85MTPA), sponge iron plant (1x350TPD Kiln), Induction Furnaces (3x25T), Capacity revision from 600TPD to 1000TPD of rolling Mill along with 7MW capacity Captive power plant (WHRS based utilizing waste heat from the proposed sponge plant) and Producer Gas Plant (12x4000Nm³/hr) at *

this is to inform you that this Board hereby grants the Consent to Establish (NOC) from the environmental point of the above subject to the following conditions and special conditions annexed.

* Vill-Mahuda, P.O. Rukni, P.S.-Para, Dist.-Purulia, West Bengal.

The overall configuration of the plant after expansion will be as per**

- The quality of sewage and trade effluent to be discharged from your factory shall satisfy the permissible limits as prescribed in IS : 2490 (Pt. I) of 1974, and/or its subsequent amendment and Environment (Protection) Rules 1986. ** Annexure -I.
- Suitable measures to treat your effluent shall be adopted by you in order to reduce the pollutional load so that the quality of the effluent satisfies the standards mentioned above.
- You shall have to apply to this Board for its consent to operate and discharge of sewage and trade effluent according to the provisions of the water (Prevention & Control of Pollution) Act, 1974. No sewage or trade effluent shall be discharged by you without prior consent of this Board.
- All emission from your factory shall conform to the standards as laid down by this Board.
- No emission shall be permitted without prior approval of this Board and you shall apply to this Board for its consent to operate and atmospheric emission as per provision of the Air (Prevention & Control Pollution) act, 1981.
- No industrial plant, furnace, flues, chimneys, control equipment, etc. shall be constructed/reconstructed/erected/re-erected without prior approval of this Board.

7. You shall comply with
- (i) Water (Prevention and Control of Pollution) Cess Act, 1977, if applicable.
 - (ii) Water (Prevention and Control of Pollution) Cess Act, 1978, if applicable.
 - (iii) Environment (Protection) Act, 1986
 - (iv) Environment (Protection) Rules, 1986
 - (v) Hazardous Wastes (Management and Handling) Rules, 1989 and Amended Rules, 2000
 - (vi) Manufacture, Storage and Import of Hazardous Chemicals Rules, 1989 and Amended Rules, 2000
 - (vii) Manufacture, Use, Import and Storage and Hazardous Micro-Organisms, Genetically Engineered Organisms or Cell Rules, 1989
 - (viii) The Public Liability Insurance Act, 1991 and Amended Act, 1992
 - (ix) The Public Liability Insurance Rules, 1991 and Amended Rules 1993
 - (x) Biomedical Wastes (Management & Handling) Rules, 1998 and Amended Rules 2000 if applicable.
 - (xi) Recycled Plastics Manufacture and Usage Rules 1999, if applicable and
 - (xii) Ozone Depleting Substances (Regulation & Control) Rules, 2000, if applicable
8. You will have to abide by any other stipulations as may be prescribed by any authority/local bodies/Government Departments etc.

SPECIAL CONDITION :

Total Capital Cost of the project - Rs.475 Crores.

please refer to Annexure - II

Any violation of the aforesaid conditions shall entail cancellation of this Consent to Establish (NOC)

Yours faithfully,

Mukherjee
15/11/2020
Member Secretary, / SR, ENV. ENGR.
West Bengal Pollution Control Board (CELL)
W. B. Pollution Control Board
Dated 10.11.2020
Dept. of Environment, GOWB

Memo No. 349 - 2N-117/2007(E)-Pt.

Copy forwarded for information to :

1. Chief Inspector of Factories, Government of West Bengal, N. S. Building, Kolkata-700 001
2. Director of Industries/Director of Cottage & Small Scale Industries, Government of West Bengal, N. S. Building, Kolkata-700 001
3. Guard file, West Bengal Pollution Control Board.
4. Environmental Engineer, I/II/Alipur R.O./Howrah R.O./Hooghly R.O./B.R.O./D.R.O./Haldia R.O./S.R.O./Asansol/ Sub-R.O./WBPC Board

Himalaya Bhawan Delhi Road, Dankuni Dist. Hooghly	Vill, Panpur Kalyani Expressway P.O. Narayanpur Dist. 24 Pgs. (N)	Sahid Khudiram Sarani City Centre, Durgapur-16 Dist. Burdwan	10, Camac Street 2nd Floor Kolkata-700 017
---	--	--	--

Paribesh Bhawan 10A, LA-Block, Sector-III Salt Lake City, Kolkata - 700 098	Block-05 at 40 Flats Complex Adjacent to Priyambada Housing Estate P.O. : Khanjanchak, P.S. Durgachak Haldia-721602 Dist. : Purba Medinipur	Paribahan Nagar Matigara, Siliguri Dist.-Darjeeling
--	--	---


Satya Chowdhury
Indoor Stadium
Balurchar Bandh Road
Malda-732101

Asansol Sub-Regional Office
ADDA Commercial Market (2nd Floor)
Opposite Asansol Fire Station
G.T. Road, Asansol-713 301

Mukherjee
15/11/2020
Member Secretary / SR, ENV. ENGR.
West Bengal Pollution Control Board (CELL)
SR Environmental Engineer

Annexure – I to the NOC Sl. No. NO164516

S.No	Unit	Units as per State Clearance	Units as per MoEF&CC EC dated 18.04.17	Total	Units under operation	Balance units		Proposed expansion	Final configuration
						Under implementation	To be implemented		
1	Pellet Plant with Grinding Facility	-	-	-	-	-	-	2 X 0.85 MTPA	1.7 MTPA
2	Sponge Iron Plant	1X100 TPD (as per NOC dated 5.12.2002) + 1x95 TPD (as per State EC dated 24.03.2008)	2X100 TPD	1X100 TPD + 1x95 TPD + 2X100 TPD	1X100 TPD + 1x95 TPD + 2X100 TPD	-	-	1 X 350 TPD	745 TPD (1X100 TPD + 1x95 TPD + 2X100 TPD + 1X350 TPD)
3	SMS (Induction Furnace with CCM)	-	600 TPD (4 x 15 T)	600 TPD (4 x 15T)	300 TPD (2 x 15 T)	150 TPD (1 x 15 T)	150 TPD (1 X 15T)	750 TPD (3 x 25T)	1350 TPD (4 x 15 T + 3 x 25T)
4	Rolling Mill	-	600 TPD	600 TPD	-	-	600 TPD*	Capacity revision from approved 600 TPD* to 1000 TPD	1000 TPD
5	Captive Power Plant	-	18 MW (8 MW WHRB + 10 MW AFBC)	18 MW (8 MW WHRB + 10 MW AFBC)	10 MW (4x10 TPH WHRB + 1X20 TPH AFBC*)	-	8 MW (1X20 TPH Proposed AFBC + *Balance 12 TPH Steam from existing AFBC)	7 MW WHRB	25 MW (15 MW WHRB + 10 MW AFBC)
6	Producer Gas Plant	-	-	-	-	-	-	12 x 4000 Nm ³ /hr	48,000 Nm ³ /hr


 10/11/2020
 Sr. Environmental Engineer
 W. B. Pollution Control Board
 Dept. of Environment, GoWB

Annexure – II to NOC Sl. No. NO164516

Special conditions issued to M/s. Bravo Sponge Iron Pvt. Ltd. at Vill – Mahuda, PO – Rukni, PS – Para, Dist – Purulia, West Bengal (Expansion Project)

A) Emission Details :-

As per Annexure – I

1. The 95 TPD DRI unit shall be upgraded to 100 TPD with installation of 2MW WHRB.
2. Particulate emission from all stacks shall be less than 30mg/Nm³.
3. Stacks should have sampling port, platform and ladder as per the Emission Regulation Part-III of CPCB.
4. The project proponent shall install 24X7 continuous monitoring system in the process stacks to monitor stack emission and connected to SPCB and CPCB's servers.
5. All roads inside the plant shall be paved, vacuum cleaners shall be provided to clean roads and shop floors.
6. The project proponent shall install continuous ambient air quality monitoring system for monitoring in at least 4 locations covering upwind and downwind directions as directed by MoEF&CC and connected to SPCB and CPCB's servers.
7. Effective fugitive emission control measures should be imposed in the project. Water spray systems shall be included to control fugitive dust from RM Stockpiles.
8. All dust generated and collected from the plant roads, floors and bag houses/ESPs shall be recycled to Pellet Plant.
9. The National Ambient Air Quality Emission Standards issued by MoEF vide G.S.R 826(E) dated 16th November, 2009 should be complied with.
10. Dry fog system and water sprinklers to be installed to arrest fugitive emission.
11. De-dusting system like bag filters should be present in all areas of material handling, separation, product house, intermediate bins, transfer points etc.
12. 85-90% rolling shall be done as hot charged. Use of LDO shall be practiced in RHF whenever it is run. FO and Pulverized coal shall not be used.
13. Air cooled condensers shall be used.
14. Energy conservation measures like use of VFD, Slip power recovery etc. shall be adopted.

B) Effluent:-

- 1) Process effluent generated will be treated in appropriately designed Effluent Treatment Plant. The treated effluent to be utilized within the plant premises. Zero Discharge Principle should be strictly adhered to.
- 2) Tar and oil separator/skimmer should be provided in the Producer Gas Plant. The schemed Tar/Oil shall be stored separately and disposed off as per the Hazardous Wastes (Handling and Trans-boundary Movement) Rules, 2016 and its subsequent amendments. Phenolic waste water should be recycled.
- 3) Cooling water to be recycled.
- 4) Domestic effluent shall be treated in appropriately designed Sewage Treatment Plant and the discharge shall comply with the stipulated standards.

Annexure – II to NOC Sl. No. NO164516

Special conditions issued to M/s. Bravo Sponge Iron Pvt. Ltd. at Vill – Mahuda, PO – Rukni, PS – Para, Dist – Purulia, West Bengal (Expansion Project)

- 5) The project proponent shall install 24X7 continuous effluent monitoring system as directed by MoEF&CC.
- 6) 100 % water consumed annually shall be recharged through water harvesting. Detailed water harvesting plan should be implemented and submitted to the Regional Office of the Board.

C) Solid Waste :-

1. Fly ash to be sold to cement manufacturing units.
2. Dolo-char to be used in AFBC.
3. Bottom ash and slag from induction furnace to be used for land filling and road making.
4. Hazardous Waste to be collected and disposed of as per the Hazardous Wastes (Handling and Trans-boundary Movement) Rules, 2016 and its subsequent amendments.
5. The project proponent shall ensure 100% utilization of solid waste generated by the plant.
6. Dumping of wastes is permitted only at designated locations.

D) Greenbelt :-

1. 40 % green belt shall be provided using 2500 trees per ha around the plant boundary.

E) General :-

- 1) **All conditions laid down in the Environmental Clearance obtained for the expansion project from MoEF, GoI vide no. J-11011/758/2009-IA II (I) dated 05.11.2020 must be strictly followed.**
- 2) Noise Control – Ambient noise & D. G. Set noise level not to exceed the permissible limit.
- 3) No additional machinery / equipments can be installed without permission from this board.
- 3) Adequate arrangement for dust suppression in raw material handling section to be provided.
- 4) Rain water harvesting must be done however recharging of harvested rain water is not allowed under any circumstances.
- 5) The conveyor belt for transferring materials to day bins & skip hoist to be covered.
- 6) Good house-keeping to be maintained.
- 7) All requisite permissions / compliance / certificates / licenses from the Competent Authority shall be obtained.
- 8) Permission for extracting ground water must be obtained from the competent authority.
- 9) Project proponent should not undertake any activity on any portion of land which is not under their possession.
- 10) Monitoring of compliance of the Environmental Clearance conditions should be submitted with third party audit reports every year.
- 11) This NOC is valid up to **30.11.2027** for setting up the expansion project.

Member Secretary/Sr. Environmental Engineer (EIM Cell)

West Bengal Pollution Control Board
Sr. Environmental Engineer

W. B. Pollution Control Board
Dept. of Environment, GoWB

Annexure-3B

WEST BENGAL POLLUTION CONTROL BOARD

'Paribesh Bhawan'

Bldg. No. - 10A, Block - LA, Sector-III
Salt Lake City, Kolkata-700 098



Consent Letter Number : CO/31807

Memo Number : 894 - WPBA/Red (Pol)/Cont(135)/04
Part II

Date : 23/12/2021

Consent to Operate

under

Section 25 & 26 of the Water (Prevention and Control of Pollution) Act, 1974 and
Section 21 of the Air (Prevention and Control of Pollution) Act, 1981

The West Bengal Pollution Control Board (hereinafter referred to as State Board) under the provisions of Section 25 & 26 of the Water (Prevention and Control of Pollution) Act, 1974, as amended and Section 21 of the Air (Prevention and Control of Pollution) Act, 1981, as amended and Rules and Orders made thereunder, hereby grants its consent to :

M/s. Bravo Sponge Iron Pvt. Ltd.

WEST BENGAL

(Address of Regd. office/Head/Office/City Office)

(hereinafter referred to as Applicant) for its unit located at vill - Mahuda, P.O. - Rukni,

P.S. - Para, Dist - Purulia, Pin - 723145

(Detailed address of the manufacturing unit)

for a period from 01.01.2022 to 31.12.2026

to operate the industrial unit and to discharge liquid effluent and to emit gaseous effluent from the premises/land of the industrial unit, in accordance with the conditions as mentioned in the Annexure to this consent letter provided on any day at any instance the quantity and quality of liquid discharge and gaseous emission shall not exceed the permissible limit as specified in the Table I & II of this consent letter and in the Environmental (Protection) Act, 1986.

Breach of the conditions and / or failure to comply with the directions as set out in the Annexure shall render the applicant liable for prosecution under the provisions of the Water (Prevention and Control of Pollution) Act, 1974 and Air (Prevention and Control of Pollution) Act, 1981.

The State Board reserve the right to revoke, withdraw or make any reasonable variation / change / alter the conditions of this consent letter giving one month's notice to the applicant.

For and on behalf of the State Board

[Signature] 23.12.2021

(Member Secretary/Chief Engr./ Sr. Env. Engr. / Env. Engr. / Asst. Env. Engr.)



ANNEXURE

Consent to M/s. Bravo Sponge Iron Pvt. Ltd.

for its unit at vill - Mahuda; P.O - Rukni, P.S. - Para, Dist - Purulia,
Pin - 723145

Conditions :

01. This Consent is valid for the manufacture of :-

Sl. No.	Name of major products and by-products	Quantity manufactured per month
01	Sponge Iron	11500 Ton/month
02	M.S. Billet	7200 Ton/month
03	Captive Power	10 MW
04		
05		
06		
07		
08		
09		
10		
11		
12		

02. The Applicant shall remain responsible for quantity and quality of liquid effluent and air emissions.
03. Daily discharge of industrial liquid effluent shall not exceed Nil KL.
04. Daily discharge of domestic liquid effluent shall not exceed 1'5 KL.
05. Daily discharge of mixed (industrial & domestic) liquid effluent shall not exceed Nil KL.
06. The Applicant shall discharge liquid effluent to septic tank to soak pit (place of discharge) through 01 (one) nos. outlets / outfalls.
07. To bring into any altered or new outlet/outfall or to change the place of discharge, the Applicant shall have to inform the Board and obtain prior permission of the Board in this effect.
08. The Applicant shall provide comprehensive facility for treatment of industrial liquid waste and domestic liquid waste (sewage, sullage and liquid effluent generated from canteen), and operate and maintain the same continuously so that the quality of final effluent conforms to the Standard as given in Table-I in page 03.

[Signature] / 23.12.2021

(Member Secretary/Chief Engr./ Sr. Env. Engr. / Env. Engr. / Asst. Env. Engr.)

Continued.....

Consent to M/s. Bravo Sponge Iron Pvt. Ltd.
 for its unit at vill - Mahuda, P.O - Rukni, P.S. - Para, dist - Purulia
Pin- 723145

11. The *Applicant* shall install suitable device for measuring the volume of water consumed for different purposes as mentioned above giving correct result to the satisfaction of the *State Board*.
12. All the stacks connected to various sources of emissions must be designated by numbers such as S-1, S-2, S-3, etc., and this must be painted/displayed to facilitate identification.
13. The *Applicant* shall install comprehensive control system consisting of pollution control equipment as is warranted with reference to generation of air emissions and operate and maintain the same continuously so as to achieve the level of pollutants of the *Standard* as given in Table-II below :

Table-II (see Annexure)

Stack No.	Stack height from G.I., (in mts.)	Stack attached to (sources and control system, if any):	Volume Nm ³ /hr.	Velocity of gas emission m/sec	Concentrations of parameters not to exceed				Frequency of emission sampling
					SPM (mg/Nm ³)	CO (%v/v)			
S-1									
S-2									
S-3									
S-4									
S-5									
S-6									
S-7									
S-8									
S-9									
S-10									

[Signature] / 23.12.2021
 (Member Secretary/Chief Engr./ Sr. Env. Engr. / Env. Engr. / Asst. Env. Engr.)

(5)

Consent to M/s. Bravo Sponge Iron Pvt. Ltd.
 for its unit at vill - Mahuda, P.O. - Rukni, P.S. - Para, Dist - Purulia
Pin - 723145

14. The Applicant shall provide ports in the stack(s) and other necessary permanent facilities such as ladder, platform, etc. for monitoring/sampling the air emissions and the same shall be made available for inspection and use by the State Board's staff as well as State Board's authorised agencies.

15. The Applicant shall observe the following fuel consumption pattern :-

Sl. No	Type of fuel	Quantity consumed per day	Fuel burning operation where the fuel is used
01	Coal	11600 Ton/month	DRI Kiln (1, 2, 3 & 4)
02	Coal fines	1100 Ton/month	AFBC Boilers
03	HSD	-	D.G. Set (2x500 kVA)
04	-	-	-
05	-	-	-

16. The Applicant shall maintain the generation and treatment/disposal of non-hazardous solid waste as specified below :-

Type of waste	Quantity	Treatment	Disposal
Dalochar	2350 Ton/month	-	To be used in AFBC Boilers.
FLY Ash	5700 Ton/month	-	Brick/cement manufacturing & lowland filling.
APCD Dust	600 Ton/month	-	To be used in Pellet Plant
EF Slag	970 Ton/month	-	To be used in land filling & road

17. The Applicant shall take adequate measures for control of noise levels from its own sources within the premises within the limit given below :-

Time	Limit in dB(A) L_{eq}
Day Time (06 a.m. to 10 p.m.)	65
Night Time (10 p.m. to 06 a.m.)	55

18. The Applicant shall at all times maintain good house-keeping, proper working order, and operate efficiently for control of pollution from all sources so as not to cause nuisance to surrounding areas/inhabitants and to achieve compliance with the terms and conditions of the consent.

19. The Applicant shall bring about at least 33% of the available open land under the green coverage / plantation.

20. The Applicant shall provide for an alternate electric power source sufficient to operate all pollution control facilities installed by the Applicant to maintain compliance with the terms and conditions of the consent. In absence of such an alternate electric power source, the Applicant shall stop, reduce or otherwise control production to abide by the terms and conditions of the Consent regarding pollution level.

21. The Applicant shall install a separate energy meter showing the consumption of energy for operation of pollution control devices.

22. The Applicant shall ensure that fugitive emissions from the activity are controlled so as to maintain clean and safe environment in and around the factory premises.

23. The Applicant shall provide drainage system for conveying industrial and domestic liquid waste. Storm-water drain shall be kept separate from the drainage system meant for industrial and domestic liquid waste

[Signature] / 23.12.2021
 (Member Secretary/Chief Engr./ Sr. Env. Engr. / Env. Engr. / Asst. Env. Engr.)

Continued.....

Consent to M/s. Bravo Sponge Foam Pvt. Ltd.
for its unit at vill - Mahuda, P.O. - Reukri, P.S. - Para, Dist - Purulia
Pin - 723145

24. The Applicant shall maintain a separate register showing consumption of chemicals used in pollution control systems.
25. The Applicant shall get the samples of hazardous wastes/leachates analysed at least once in from the laboratory recognised of the West Bengal Pollution Control Board and ensure that they conform to the limits stipulated. Test reports shall be sent to the Board.
26. The Applicant shall provide adequate and safe facility for collection of air, waste water and solid waste samples by the State Board's staff as well as State Board's authorised agencies.
27. The Applicant shall submit to the State Board by the 30th September of every year the Environmental Statement Report for the financial year ending 31st March of the current year in the prescribed form (Form -V) as required under the provisions of rule 14 of the Environment (Protection) [Second Amendment] rules, 1992.
28. The Applicant shall allow the Officers of the State Board to enter into the applicant's premises at any reasonable time to inspect the pollution control systems as well as monitoring and measuring devices in connection with prevention & control of pollution.
29. The Applicant shall maintain an Inspection Book in the factory premises which shall be made available to Officers & employees of the State Board for inspection, review and to write down any direction or observation as is deemed necessary during the inspection from time to time.
30. The Application shall furnish to the State Board all information in respect of quality, quantity, rate of discharge, place of discharge of liquid effluent and air emissions.
31. The Applicant shall maintain adequate number of qualified and trained personnel among his staff for proper maintenance and operation of the effluent treatment and / or emission control devices and for overall environment management of the industry.
32. The Applicant shall have to make registration for the use of groundwater if any, with Central Ground Water Authority.
33. The Applicant shall intimate to the State Board immediately of any occurrence or apprehension of occurrence of discharge of any poisonous, noxious or pollutants in excess of quality as well as quality as mentioned earlier to any receiving water body/receiving system or to atmosphere owing to accident or other unforeseen incident/event including natural disaster. The Applicant Shall (i) take all steps adequate to prevent such accident discharge/release of poisonous, noxious or pollutants and to limit their consequences to persons and the environment, (ii) provide to the persons working on the site with the information, training and equipment including antidotes necessary to ensure their safety and mitigate the accidental release of poisonous noxious or pollutants to the environment.
34. The Applicant shall make an application to the State Board in the prescribed form for renewal of the consent at least ~~120~~ (sixty) days before the date of expiry of this Consent.
35. The Applicant shall not make any alternation/modification/expansion in the existing manufacturing process and equipment as well as the pollution control system without prior approval of the Board.
36. The Applicant shall comply with the conditions as laid down in the Manufacture, Storage and Import of hazardous Chemicals Rules, 1989 and Hazardous Wastes (Management & Handling) Rules, 1989.

Additional Conditions
 1. This consent letter may be revoked at any time on the ground of valid public complaint regarding water, Air or Noise Pollution against your unit or in case of any Environment Hazards created by your unit.
 2. Conditions mentioned in the Environmental clearance issued by MOEF & CC vide no. J/11011/758/2009-1A (I) dated 18/04/2017 (Member Secretary/Chief Engr./ Sr. Env. Engr. / Env. Engr. / Asst. Env. Engr.) must be complied with.


[Signature] / 23.12.202

Annexure-I

Annexure to Consent Letter Number : CO/31807

Additional conditions issued to M/s. **Bravo Sponge Iron Pvt Ltd.** located at Vill : Mahuda , P.O. Rukni,P.S.Para , Dist : Purulia , Pin : 723145.

Stack No.	Stack height from G.L. (in mtr)	Stack attached to (sources and control system, if any)	Volume (Nm ³ /hr)	Velocity of gas emission (m/sec)	Concentration of parameters not to exceed				Frequency of emission sampling
					PM (mg/Nm ³)	CO (% v/v)	-	-	
1	30.0	DRI Kiln 1 & 2 of capacity 100 TPD & 95 TPD with WHRB 1&2 provided with 3 field ESP and connected with common stack	-	-	100	1.0	-	-	Quarterly
2	30.0	DRI Kiln 3 & 4 of capacity 100 TPD each with WHRB 3&4 provided with 3 field ESP and connected with common stack	-	-	50	1.0	-	-	Quarterly
3	45.0	AFBC Boiler (1 x 20 TPH) provided with 3 field ESP and separate stack	-	-	50	1.0	-	-	Quarterly
4	30.0	Cooler Discharge (Common with DRI Kiln 1 & 2 provided with Bag filter and stack)	-	-	100	-	-	-	Quarterly
5	30.0	Cooler Discharge (Common with DRI Kiln 3 & 4 provided with Bag filter and stack)	-	-	50	-	-	-	Quarterly
6	30.0	Product House (Common with DRI Kiln 1 & 2 provided with Bag filter and stack)	-	-	100	-	-	-	Quarterly
7	30.0	Product House (Common with DRI Kiln 3 & 4 provided with Bag filter and stack)	-	-	50	-	-	-	Quarterly
8	30.0	Intermediate Bin (Common with DRI Kiln 1,2,3 & 4) provided with Bag filter and separate stack	-	-	50	-	-	-	Quarterly
9	30.0	Coal screening (Common with DRI Kiln 1,2,3 & 4) provided with Bag filter and separate stack	-	-	50	-	-	-	Quarterly
10	30.0	Iron Ore screening(Common with DRI Kiln 1,2,3 & 4) provided with Bag filter and separate stack	-	-	50	-	-	-	Quarterly
11	30.0	Induction Furnaces (2 x 12 Ton/Heat each) provided with individual suction hood & spark arrestor followed by common Bag filter and stack for all Induction Furnaces & SEAFs.	-	-	50	-	-	-	Quarterly
12	9.0	1 x 500 KVA D.G. Set	-	-	150	1.0	-	-	Yearly
13	9.0	1 x 500 KVA D.G. Set	-	-	150	1.0	-	-	Yearly

 23.12.2021
 Senior Environmental Engineer
 West Bengal Pollution Control Board
 Asansol Regional Office



WEST BENGAL POLLUTION CONTROL BOARD

(Department of Environment, Government of West Bengal)

Asansol Regional Office

Kalyanpur Satellite Township Project (K.S.T.P)

Dr. B.C. Roy Road, Asansol, P.O.- Dakshin Dhadka,

Asansol – 713 302, Dist- Paschim Bardhaman.

Phone : (0341) 2999280/2999281

Memo No. **347**-WPBA/Red(Prl)/Cont(135)/04(Part II)

Date: **06**/05/2022

To

M/s. **Bravo Sponge Iron Pvt Ltd**

Vill- Mahuda , P.O.Rukni,P.S.Para,

Dist- Purulia , Pin- 723145.

Subject : Amendment of the 'Consent to Operate' no. CO131807 issued vide memo no. 894-WPBA/Red(Prl)/Cont(135)/04(Part II) dated 23/12/2021.

Reference : Your letter dated 02/05/2022.

Sir,

With reference to the above this is to inform you that the 'Consent to Operate' no. CO131807 issued vide memo no. 894-WPBA/Red (Prl)/Cont(135)/04(Part II) dated 23/12/2021 is hereby amended as follows :

In Annexure- I of the said Consent to Operate under Stack No. 4 & 5 of attached to "Cooler Discharge (common with DRI Kiln 1 & 2 provided with Bag filter and stack)" should be read as "Cooler Discharge (common with DRI Kiln 1, 2, 3 & 4 provided with Bag filter and stack)".

In Annexure - I of the said Consent to Operate under Stack No. 9 of attached to "Coal screening (Common with DRI Kiln 1,2,3 & 4) provided with Bag filter and separate stack" should be read as "Coal screening (Common with DRI Kiln 1,2,3 & 4) provided with Bag filter".

In Annexure - I of the said Consent to Operate under Stack No. 10 of attached to "Iron Ore screening (Common with DRI Kiln 1,2,3 & 4) provided with Bag filter and separate stack" should be read as "Coal screening (Common with DRI Kiln 1,2,3 & 4) provided with Bag filter".

In Annexure - I of the said Consent to Operate under Stack No. 11 of attached to "Induction Furnaces (2 x 12 Ton/Heat each) provided with individual suction hood & spark arrestor followed by common Bag filter and stack for all Induction Furnaces & SEAFs" should be read as "Induction Furnaces (2 x 15 Ton/Heat each) provided with individual suction hood & spark arrestor followed by common Bag filter".

All other terms and conditions as mentioned in the "Consent to Operate" letter number **CO131807** dated 23/12/2021 will remain unchanged.

This letter may be treated as annexure of the aforesaid "Consent to Operate" letter (CO131807).

Your's faithfully

Senior Environmental Engineer
Asansol Regional Office.

"Expansion"
WEST BENGAL POLLUTION CONTROL BOARD

'Paribesh Bhawan'
Bldg. No. - 10A, Block - LA, Sector-III
Salt Lake City, Kolkata-700 098



Consent Letter Number : CO132107

Memo Number : 294 - WPBA/Red(Pol)/cont(135)/04 Part-I

Date : 08/12/2021

Consent to Operate

under

Section 25 & 26 of the Water (Prevention and Control of Pollution) Act, 1974 and
Section 21 of the Air (Prevention and Control of Pollution) Act, 1981

The West Bengal Pollution Control Board (hereinafter referred to as State Board) under the provisions of Section 25 & 26 of the Water (Prevention and Control of Pollution) Act, 1974, as amended and Section 21 of the Air (Prevention and Control of Pollution) Act, 1981, as amended and Rules and Orders made thereunder, hereby grants its consent to :

M/s. Bravo Sponge Iron Pvt. Ltd.

(Address of Regd. office/Head/Office/City Office)

(hereinafter referred to as Applicant) for its unit located at Vill: Mahuda, P.O. - Rukni,

P.S. - Para, Dist - Purulia, Pin - 723145

(Detailed address of the manufacturing unit)

for a period from Date of issue to 31/12/2026

to operate the industrial unit and to discharge liquid effluent and to emit gaseous effluent from the premises/land of the industrial unit, in accordance with the conditions as mentioned in the Annexure to this consent letter provided on any day at any instance the quantity and quality of liquid discharge and gaseous emission shall not exceed the permissible limit as specified in the Table I & II of this consent letter and in the Environmental (Protection) Act, 1986.

Breach of the conditions and / or failure to comply with the directions as set out in the Annexure shall render the applicant liable for prosecution under the provisions of the Water (Prevention and Control of Pollution) Act, 1974 and Air (Prevention and Control of Pollution) Act, 1981.

The State Board reserve the right to revoke, withdraw or make any reasonable variation / change / alter the conditions of this consent letter giving one month's notice to the applicant.



For and on behalf of the State Board

(Member Secretary/Chief Engr./Sr. Env. Engr. / Env. Engr. / Asst. Env. Engr.)

Haridi
08/12/21
Sr. Environmental Engineer
W. B. Pollution Control Board
Operation & Execution Cell

ANNEXURE

Consent to M/s. Bravo Sponge Iron Pvt. Ltd.
 for its unit at Villi Mahuda, P.O. - Rukni, P.S. - Para, Dist - Purulia,
Pin - 723145

Conditions :

01. This Consent is valid for the manufacture of :-

Sl. No.	Name of major products and by-products	Quantity manufactured per month
01	Iron Ore Pellet	8,50,000 MT/Year
02	Producer Gas.	48,000 Nm ³ /hr.
03		
04		
05		
06		
07		
08		
09		
10		
11		
12		

02. The Applicant shall remain responsible for quantity and quality of liquid effluent and air emissions.
03. Daily discharge of industrial liquid effluent shall not exceed recycled KL.
04. Daily discharge of domestic liquid effluent shall not exceed 4 KL.
05. Daily discharge of mixed (industrial & domestic) liquid effluent shall not exceed Nil KL.
06. The Applicant shall discharge liquid effluent to Septic tank after treatment in STP (place of discharge) through 01 (one) nos. outlets / outfalls.
07. To bring into any altered or new outlet/outfall or to change the place of discharge, the Applicant shall have to inform the Board and obtain prior permission of the Board in this effect.
08. The Applicant shall provide comprehensive facility for treatment of industrial liquid waste and domestic liquid waste (sewage, sullage and liquid effluent generated from canteen), and operate and maintain the same continuously so that the quality of final effluent conforms to the Standard as given in Table-I in page 03.

(Member Secretary/Chief Engr./Sr. Eny. Engr./ Env. Engr./ Asst. Env. Engr.)

Hardi
08/12/21
 Sr. Environmental Engineer
 W. B. Pollution Control Board
 Operation & Execution Cell

C0132107

Consent to ⁽³⁾ M/s. Bravo Sponge Iron Pvt. Ltd.
 for its unit at Vill: Mahuda, P.O. - Rukni, P.S. - Para, Dist - Purulia,
Pin - 723145

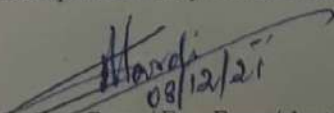
Table-I

Outlet No.	Nature of effluent	Parameters	Standard	Frequency of effluent sampling
01	Domestic	pH	Between: 5.5 to 9.0	Yearly
		Total Suspended Solids	Not to exceed: 100 mg/l.	
		Biochemical Oxygen Demand (3day at 27°C)	Not to exceed: 30 mg/l.	
		Chemical Oxygen Demand	Not to exceed: 250 mg/l.	
		Oil & Grease	Not to exceed: 10 mg/l.	
		(Industrial effluent to be treated in BTP and recycled to maintain Zero Liquid discharge as stipulated in EC conditions.)		

09. The Applicant falls in the Red Category of the Water (Prevention and Control of Pollution) Cess Act, 1977 and Rules made thereunder and the Applicant shall comply with the provisions of the said Act and Rules made thereunder.

10. Daily water consumption for the following purposes should not exceed :-
- Industrial cooling, spraying in mine pits and boiler feed water → 745 KL
 (Water used for gardening should be included in this category of use)
 - Domestic purpose → 5 KL
 - Processing whereby water gets polluted and the pollutants are easily biodegradable → - KL
 - Processing whereby water gets polluted and the pollutants are not easily biodegradable → - KL

The Applicant shall regularly submit to the Board the Returns of Water Consumption in the prescribed form and pay the Cess as specified under Section 3 of the said Act.


 (Member Secretary/Chief Engr./ Sr. Env. Engr. / Env. Engr. / Asst. Env. Engr.)
 Sr. Environmental Engineer
 W. B. Pollution Control Board
 Operation & Execution Cell

Consent to M/s. Bravo Sponge Iron Pvt. Ltd.

for its unit at Vill: Mahuda, P.O. - Rukni, P.S. - Para, Dist - Purulia,

Pin - 723145

11. The Applicant shall install suitable device for measuring the volume of water consumed for different purposes as mentioned above giving correct result to the satisfaction of the State Board.
12. All the stacks connected to various sources of emissions must be designated by numbers such as S-1, S-2, S-3, etc., and this must be painted/displayed to facilitate identification.
13. The Applicant shall install comprehensive control system consisting of pollution control equipment as is warranted with reference to generation of air emissions and operate and maintain the same continuously so as to achieve the level of pollutants of the Standard as given in Table-II below :

Table-II

Stack No.	Stack height from G.L. (in mts.)	Stack attached to (sources and control system. if any):	Volume Nm ³ /hr.	Velocity of gas emission m/sec	Concentrations of parameters not to exceed				Frequency of emission sampling
					SPM (mg/Nm ³)	CO (%v/v)			
S-1	50m	Pellet Plant (1 X 0.85 MTPA) with cyclone ESP			30	-			Half Yearly
S-2	42m	PCI Unit (6500 MT/month) with Bag filter			30	-			Half Yearly
S-3	16.5m	01 X 500 KVA D.G. Set			150	1			Yearly
S-4	17m	01 X 625 KVA D.G. Set			150	1			Yearly
S-5									
S-6									
S-7									
S-8									
S-9									
S-10									

(Member Secretary/Chief Engr./ Sr. Env. Engr. / Env. Engr. / Asst. Env. Engr.)

Haradi
08/12/21
Sr. Environmental Engineer
W. B. Pollution Control Board
Operation & Execution Cell

Continued.....

C0132107

(5)

Consent to M/s. Bravo Sponge Iron Pvt. Ltd.
 for its unit at Vill: Mahuda, P.O. - Rukni, P.S. - Para, Dist- Purulia,
Pin - 723145

14. The Applicant shall provide ports in the stack(s) and other necessary permanent facilities such as ladder, platform, etc. for monitoring/sampling the air emissions and the same shall be made available for inspection and use by the State Board's staff as well as State Board's authorised agencies.
15. The Applicant shall observe the following fuel consumption pattern :-

Sl. No	Type of fuel	Quantity consumed per day	Fuel burning operation where the fuel is used
01	HSD		D.G. Set.
02			
03			
04			
05			

16. The Applicant shall maintain the generation and treatment/disposal of non-hazardous solid waste as specified below :-

Type of waste	Quantity	Treatment	Disposal
Pellet Plant Dust	3800 MT/month	—	reused in pellet plant
Tar from PG, P	297 MT/month	—	reused as fuel DRI/ Pellet plant

17. The Applicant shall take adequate measures for control of noise levels from its own sources within the premises within the limit given below :-

Time	Limit in dB(A) L _{eq}
Day Time (06 a.m. to 09 p.m.)	75
Night Time (09 p.m. to 06 a.m.)	70

18. The Applicant shall at all times maintain good house-keeping, proper working order, and operate efficiently for control of pollution from all sources so as not to cause nuisance to surrounding areas/inhabitants and to achieve compliance with the terms and conditions of the consent.
19. The Applicant shall bring about at least 33% of the available open land under the green coverage / plantation.
20. The Applicant shall provide for an alternate electric power source sufficient to operate all pollution control facilities installed by the Applicant to maintain compliance with the terms and conditions of the consent. In absence of such an alternate electric power source, the Applicant shall stop, reduce or otherwise control production to abide by the terms and conditions of the Consent regarding pollution level.
21. The Applicant shall install a separate energy meter showing the consumption of energy for operation of pollution control devices.
22. The Applicant shall ensure that fugitive emissions from the activity are controlled so as to maintain clean and safe environment in and around the factory premises.
23. The Applicant shall provide drainage system for conveying industrial and domestic liquid waste. Storm-water drain shall be kept separate from the drainage system meant for industrial and domestic liquid waste

(Member Secretary/Chief Engr./ Sr. Env. Engr./ Env. Engr./ Asst. Env. Engr.)

Sr. Environmental Engineer

W. B. Pollution Control Board

Operation & Execution Cell

Continued.....

Consent to M/s. Brava Sponge Foam Pvt. Ltd.
 for its unit at Vill. Mahuda, P.O. - Rukni, P.S. - Para, Dist - Purulia,
Pin - 723145

24. The *Applicant* shall maintain a separate register showing consumption of chemicals used in pollution control systems.
25. The *Applicant* shall get the samples of hazardous wastes/leachates analysed at least once in from the laboratory recognised of the West Bengal Pollution Control Board and ensure that they conform to the limits stipulated. Test reports shall be sent to the Board.
26. The *Applicant* shall provide adequate and safe facility for collection of air, waste water and solid waste samples by the *State Board's* staff as well as *State Board's* authorised agencies.
27. The *Applicant* shall submit to the *State Board* by the 30th September of every year the Environmental Statement Report for the financial year ending 31st March of the current year in the prescribed form (Form -V) as required under the provisions of rule 14 of the Environment (Protection) [Second Amendment] rules, 1992.
28. The *Applicant* shall allow the Officers of the *State Board* to enter into the applicant's premises at any reasonable time to inspect the pollution control systems as well as monitoring and measuring devices in connection with prevention & control of pollution.
29. The *Applicant* shall maintain an Inspection Book in the factory premises which shall be made available to Officers & employees of the *State Board* for inspection, review and to write down any direction or observation as is deemed necessary during the inspection from time to time.
30. The *Application* shall furnish to the *State Board* all information in respect of quality, quantity, rate of discharge, place of discharge of liquid effluent and air emissions.
31. The *Applicant* shall maintain adequate number of qualified and trained personnel among his staff for proper maintenance and operation of the effluent treatment and / or emission control devices and for overall environment management of the industry.
32. The *Applicant* shall have to make registration for the use of groundwater if any, with Central Ground Water Authority.
33. The *Applicant* shall intimate to the *State Board* immediately of any occurrence or apprehension of occurrence of discharge of any poisonous, noxious or pollutants in excess of quality as well as quality as mentioned earlier to any receiving water body/receiving system or to atmosphere owing to accident or other unforeseen incident/event including natural disaster. The *Applicant* Shall (i) take all steps adequate to prevent such accident discharge/release of poisonous, noxious or pollutants and to limit their consequences to persons and the environment, (ii) provide to the persons working on the site with the information, training and equipment including antidotes necessary to ensure their safety and mitigate the accidental release of poisonous noxious or pollutants to the environment.
34. The *Applicant* shall make an application to the *State Board* in the prescribed form for renewal of the consent at least 60 (sixty) days before the date of expiry of this Consent.
35. The *Applicant* shall not make any alternation/modification/expansion in the existing manufacturing process and equipment as well as the pollution control system without prior approval of the Board.
36. The *Applicant* shall comply with the conditions as laid down in the Manufacture, Storage and Import of hazardous Chemicals Rules, 1989 and Hazardous Wastes (Management & Handling) Rules, 1989.

Additional Conditions See Annexure.

(Member Secretary/Chief-Engr./ Sf. Env. Engr./ Asst. Env. Engr.)
 W. B. Pollution Control Board
 Operation & Execution Cell

Annexure to Consent Letter Number – **CO132107**

Additional Conditions issued to **M/s. Bravo Sponge Iron Pvt. Ltd.** at existing factory premises Vill- Mahuda, P.O-Rukni, P.S-Para, Dist-Purulia, Pin-723145.

1. The unit shall abide by all other condition as mentioned in Environmental Clearance (EC) issued vide no. J-11011/758/2009-1A-II(I) dated 05.11.2020 and NOC(NO164516) issued vide memo no.349-2N-117/2007 (E)-Pt dated 10.11.2020 in favour of the expansion project.
2. The unit should comply all the conditions issued in earlier Consent to Operate.
3. The unit should obtain all the statutory licenses as applicable from other concerned Govt. Department.
4. The unit shall maintain the stringent stack emission standard –PM 30 mg/Nm³.
5. The unit should install Continuous Ambient Air Quality Station(CAAQS) within 31st March,2022 failing which regulatory action will be initiated.
6. The National Ambient Air Quality Emission Standards issued by MoEF vide G.S.R 826(E) dated 16th November, 2009 should be complied with.
7. This consent may be revoked at any time on violation of environmental norms.
8. The unit shall submit a status of compliance of the conditions stipulated in EC.
9. This consent to Operate is valid for operation of Pellet Plant (1x0.85 MTPA) & Producer Gas Plant (12x4000 Nm³/hr).

Mardi
08/12/21
Sr. Environmental Engineer
West Bengal Pollution Control Board
Sr. Environmental Engineer
W. B. Pollution Control Board
Operation & Execution Cell

Annexure-4



ENVIROCHECK

Recognised by MoEF&CC, WBPCB & JSPCB
Accredited by NABL (ISO/IEC 17025:2017)
Certified by ISO 9001:2015, ISO 14001:2015 & ISO 45001:2018



TEST REPORT

FORMAT NO : ENV/FM/37

Name of the Industry	: Bravo Sponge Iron Pvt. Ltd.	Type of Industry	: Steel & Power Unit		
Address	: Vill. – Mohuda. P.O. – Rukni, P.S. – Para, Purulia – 723145	Sampling Date	: 26.03.2022 – 27.03.2022		
		Period of Analysis	: 28.03.2022 – 28.03.2022		
		Date of Issue	: 30.03.2022		
Sampling Plan & Procedure	: ENV/SOP/01	Deviation from the Sampling Method and Plan	: No	Type of Sample	: Ambient Air
Sample ID No.	: ENV/70/March/A/V	Report No.	: ENV/70/March/TR(A)/V/21-22		

A] GENERAL INFORMATION

1. Location of Sampling : Near Main Gate (Western Side)
2. Duration of Sampling : 24 hrs. (09:00 a.m. – 09:00 a.m.)

B] METEOROLOGICAL INFORMATION

1. Average Temperature (°C) : 32.0
2. Average Relative Humidity (%) : 72.0
3. Barometric Pressure (mm of Hg) : 755.0
4. Smell or Odour : No Remarkable Smell
5. Weather Condition : Clear sky

C] RESULTS

SL. NO.	PARAMETERS	UNIT	METHOD NO.	RESULTS
1.	Concentration of PM _{2.5}	µg/m ³	USEPA 1997a, 40 CFR Part 50, Appendix L : 2006	55.87
2.	Concentration of PM ₁₀	µg/m ³	IS 5182 (PART 23) : 2006	92.52
3.	Concentration of SO ₂	µg/m ³	IS 5182 (Part 2) 2001 & ASTM D 2914-01 reapproved 2007: Sec. 11 (Vol. 11.07) : 2011	16.43
4.	Concentration of NO ₂	µg/m ³	IS 5182 (Part 6) 2006 & ASTM D 1607-91 reapproved 2005 : Sec. 11 (Vol. 11.07) : 2011	36.85
5.	Concentration of CO	mg/m ³	IS 5182 (Part 10): 1999 reaffirmed 2005 & ASTM D 3162-94 reapproved 2005 : Sec. 11 (Vol. 11.07) : 2011	0.48
6.	Concentration of Pb	µg/m ³	IS 5182 (Part 22) 2004	<0.01
7.	Benzo (a) Pyrene (BaP)	ng/m ³	IS 5182 (Part 12) : 2004 & ASTM D 6209-98 reapproved 2004 : Sec. 11 (Vol. 11.07) : 2011	<0.36
8.	Benzene (C ₆ H ₆)	µg/m ³	IS 5182 (Part 11) 2006 & ASTM D 5466-01 reapproved 2007 : Sec. 11 (Vol. 11.07) : 2011	<0.74
9.	Ozone (O ₃)	µg/m ³	IS 5182 (Part-IX) : 1974	<10.0
10.	Ammonia (NH ₃)	µg/m ³	NIOSH Manual of Analytical Method, 4 th Edition 1994, Method 6015, issue 2	<4.18
11.	Nickel (Ni)	ng/m ³	EPA IO 3.2, 1999	<0.02
12.	Arsenic (As)	ng/m ³	EPA IO 3.2, 1999, APHA 23 rd Ed 3114C : 2017	<0.01

Remarks :

Reviewed By :

INDRANI BHATTACHARYA
Dy. Technical Manager, Chemical

Approved By :

Dr. SUMIT CHOWDHURY
Technical Manager



ENVIROCHECK

Recognised by MoEF&CC, WBPCB & JSPCB
Accredited by NABL (ISO/IEC 17025:2017)
Certified by ISO 9001:2015, ISO 14001:2015 & ISO 45001:2018



TEST REPORT

FORMAT NO : ENV/FM/37

Name of the Industry	: Bravo Sponge Iron Pvt. Ltd.	Type of Industry	: Steel & Power Unit
Address	: Vill. - Mohuda. P.O. - Rukni, P.S. - Para, Purulia - 723145	Sampling Date	: 26.03.2022 - 27.03.2022
		Period of Analysis	: 28.03.2022 - 28.03.2022
		Date of Issue	: 30.03.2022
Sampling Plan & Procedure	: ENV/SOP/01	Deviation from the Sampling Method and Plan	: No
		Type of Sample	: Ambient Air
Sample ID No.	: ENV/70/March/A/VIII	Report No.	: ENV/70/March/TR(A)/VIII/21-22

A] GENERAL INFORMATION

1. Location of Sampling : Mohuda Village (0.5 K.M. from Plant) (Southern Side)
2. Duration of Sampling : 24 hrs. (10:30 a.m. - 10:30 a.m.)

B] METEOROLOGICAL INFORMATION

1. Average Temperature (°C) : 30.0
2. Average Relative Humidity (%) : 68.0
3. Barometric Pressure (mm of Hg) : 755.0
4. Smell or Odour : No Remarkable Smell
5. Weather Condition : Clear sky

C] RESULTS

SL. NO.	PARAMETERS	UNIT	METHOD NO.	RESULTS
1.	Concentration of PM _{2.5}	µg/m ³	USEPA 1997a, 40 CFR Part 50, Appendix L : 2006	43.60
2.	Concentration of PM ₁₀	µg/m ³	IS 5182 (PART 23) : 2006	76.81
3.	Concentration of SO ₂	µg/m ³	IS 5182 (Part 2) 2001 & ASTM D 2914-01 reapproved 2007: Sec. 11 (Vol. 11.07) : 2011	6.18
4.	Concentration of NO ₂	µg/m ³	IS 5182 (Part 6) 2006 & ASTM D 1607-91 reapproved 2005 : Sec. 11 (Vol. 11.07) : 2011	23.52

Remarks :

Reviewed By :

INDRANI BHATTACHARYA
Dy. Technical Manager, Chemical

Approved By :

Dr. SUMIT CHOWDHURY
Technical Manager

TEST REPORT

FORMAT NO : ENV/FM/37

Name of the Industry	:	Bravo Sponge Iron Pvt. Ltd.	Type of Industry	:	Steel & Power Unit			
Address	:	Vill. – Mohuda. P.O. – Rukni, P.S. – Para, Purulia – 723145	Sampling Date	:	26.03.2022 – 27.03.2022			
			Period of Analysis	:	28.03.2022 – 28.03.2022			
			Date of Issue	:	30.03.2022			
Sampling Plan & Procedure	:	ENV/SOP/01	Deviation from the Sampling Method and Plan	:	No	Type of Sample	:	Ambient Air
Sample ID No.	:	ENV/70/March/A/VII	Report No.	:	ENV/70/March/TR(A)/VII/21-22			

A] GENERAL INFORMATION

1. Location of Sampling : Near Railway Siding Area (Northern Side)
2. Duration of Sampling : 24 hrs. (10:00 a.m. – 10:00 a.m.)

B] METEOROLOGICAL INFORMATION

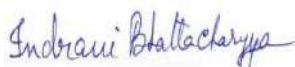
1. Average Temperature (°C) : 33.0
2. Average Relative Humidity (%) : 74.0
3. Barometric Pressure (mm of Hg) : 755.0
4. Smell or Odour : No Remarkable Smell
5. Weather Condition : Clear sky

C] RESULTS

SL. NO.	PARAMETERS	UNIT	METHOD NO.	RESULTS
1.	Concentration of PM _{2.5}	µg/m ³	USEPA 1997a, 40 CFR Part 50, Appendix L : 2006	54.83
2.	Concentration of PM ₁₀	µg/m ³	IS 5182 (PART 23) : 2006	89.11
3.	Concentration of SO ₂	µg/m ³	IS 5182 (Part 2) 2001 & ASTM D 2914-01 reapproved 2007: Sec. 11 (Vol. 11.07) : 2011	12.37
4.	Concentration of NO ₂	µg/m ³	IS 5182 (Part 6) 2006 & ASTM D 1607-91 reapproved 2005 : Sec. 11 (Vol. 11.07) : 2011	30.82

Remarks :

Reviewed By :



INDRANI BHATTACHARYA
Dy. Technical Manager, Chemical

Approved By :



Dr. SUMIT CHOWDHURY
Technical Manager



ENVIROCHECK

Recognised by MoEF&CC, WBPCB & JSPCB
Accredited by NABL (ISO/IEC 17025:2017)
Certified by ISO 9001:2015, ISO 14001:2015 & ISO 45001:2018



TEST REPORT

FORMAT NO : ENV/FM/37

Name of the Industry	: Bravo Sponge Iron Pvt. Ltd.	Type of Industry	: Steel & Power Unit		
Address	: Vill. – Mohuda. P.O. – Rukni, P.S. – Para, Purulia – 723145	Sampling Date	: 26.03.2022 – 27.03.2022		
		Period of Analysis	: 28.03.2022 – 28.03.2022		
		Date of Issue	: 30.03.2022		
Sampling Plan & Procedure	: ENV/SOP/01	Deviation from the Sampling Method and Plan	: No	Type of Sample	: Ambient Air
Sample ID No.	: ENV/70/March/A/VI	Report No.	: ENV/70/March/TR(A)/VI/21-22		

A] GENERAL INFORMATION

1. Location of Sampling : Near Main Administrative Building (Eastern Side)
2. Duration of Sampling : 24 hrs. (09:30 a.m. – 09:30 a.m.)

B] METEOROLOGICAL INFORMATION

1. Average Temperature (°C) : 32.0
2. Average Relative Humidity (%) : 72.0
3. Barometric Pressure (mm of Hg) : 755.0
4. Smell or Odour : No Remarkable Smell
5. Weather Condition : Clear sky

C] RESULTS

SL. NO.	PARAMETERS	UNIT	METHOD NO.	RESULTS
1.	Concentration of PM _{2.5}	µg/m ³	USEPA 1997a, 40 CFR Part 50, Appendix L : 2006	52.98
2.	Concentration of PM ₁₀	µg/m ³	IS 5182 (PART 23) : 2006	86.53
3.	Concentration of SO ₂	µg/m ³	IS 5182 (Part 2) 2001 & ASTM D 2914-01 reapproved 2007: Sec. 11 (Vol. 11.07) : 2011	11.73
4.	Concentration of NO ₂	µg/m ³	IS 5182 (Part 6) 2006 & ASTM D 1607-91 reapproved 2005 : Sec. 11 (Vol. 11.07) : 2011	32.46

Remarks :

Reviewed By :

INDRANI BHATTACHARYA
Dy. Technical Manager, Chemical

Approved By :

Dr. SUMIT CHOWDHURY
Technical Manager

Annexure-5



ENVIROCHECK

Recognised by MoEF&CC, WBPCB & JSPCB
Accredited by NABL (ISO/IEC 17025:2017)
Certified by ISO 9001:2015, ISO 14001:2015 & ISO 45001:2018



TEST REPORT

FORMAT NO : ENV/FM/57

Name of the Industry	: Bravo Sponge Iron Pvt. Ltd.	Type of Industry	: Steel & Power Unit
Address	: Vill. – Mohuda. P.O. – Rukni, P.S. – Para, Purulia – 723145	Sampling Date	: 26.03.2022
		Period of Analysis	: 28.03.2022 – 28.03.2022
		Date of Issue	: 30.03.2022
Sampling Plan & Procedure	: ENV/SOP/01	Deviation from the Sampling Method and Plan	: No
		Type of Sample	: Work Zone Air
Sample ID No.	: ENV/70/March/A/IX	Report No.	: ENV/70/March/TR(A)/IX/21-22

A] GENERAL INFORMATION

1. Location of Sampling : Near Raw Material Stock Yard (Raw Material Handling Section)
2. Duration of Sampling : 08 hrs. (11:00 a.m. – 07:00 p.m.)

B] METEOROLOGICAL INFORMATION

1. Average Temperature (°C) : 33.0
2. Average Relative Humidity (%) : 70.0
3. Barometric Pressure (mm of Hg) : 755.0
4. Smell or Odour : No Remarkable Smell

C] RESULTS

SL. NO.	PARAMETERS	UNIT	METHOD NO.	RESULTS
1.	Concentration of SPM	µg/m ³	NIOSH 0500 : 2005	460.13

Remarks :

Reviewed By :

INDRANI BHATTACHARYA
Dy. Technical Manager, Chemical

Approved By :

Dr. SUMIT CHOWDHURY
Technical Manager



ENVIROCHECK

Recognised by MoEF&CC, WBPCB & JSPCB
Accredited by NABL (ISO/IEC 17025:2017)
Certified by ISO 9001:2015, ISO 14001:2015 & ISO 45001:2018



TEST REPORT

FORMAT NO : ENV/FM/57

Name of the Industry	: Bravo Sponge Iron Pvt. Ltd.	Type of Industry	: Steel & Power Unit		
Address	: Vill. - Mohuda. P.O. - Rukni, P.S. - Para, Purulia - 723145	Sampling Date	: 26.03.2022		
		Period of Analysis	: 28.03.2022 - 28.03.2022		
		Date of Issue	: 30.03.2022		
Sampling Plan & Procedure	: ENV/SOP/01	Deviation from the Sampling Method and Plan	: No	Type of Sample	: Work Zone Air
Sample ID No.	: ENV/70/March/A/IX	Report No.	: ENV/70/March/TR(A)/IX/21-22		

A] GENERAL INFORMATION

1. Location of Sampling : Near Raw Material Stock Yard (Raw Material Handling Section)
2. Duration of Sampling : 08 hrs. (11:00 a.m. - 07:00 p.m.)

B] METEOROLOGICAL INFORMATION

1. Average Temperature (°C) : 33.0
2. Average Relative Humidity (%) : 70.0
3. Barometric Pressure (mm of Hg) : 755.0
4. Smell or Odour : No Remarkable Smell

C] RESULTS

SL. NO.	PARAMETERS	UNIT	METHOD NO.	RESULTS
1.	Concentration of SO ₂	µg/m ³	IS 5182 (Part 2) 2001 & ASTM D 2914-01 reapproved 2007: Sec. 11 (Vol. 11.07) : 2011	8.32
2.	Concentration of NO ₂	µg/m ³	IS 5182 (Part 6) 2006 & ASTM D 1607-91 reapproved 2005 : Sec. 11 (Vol. 11.07) : 2011	32.46

Remarks :

Reviewed By :

INDRANI BHATTACHARYA
Dy. Technical Manager, Chemical

Approved By :

Dr. SUMIT CHOWDHURY
Technical Manager

H.O. : 63/B, Rastraguru Avenue, Kolkata -700028 ■ Ph. 033 25792891/ 25497490 ■ Fax : 033 25299141
Laboratory : 189, 190 & 192, Rastraguru Avenue, Kolkata -700028 ■ Ph. 033 25792889
E-mail : info@envirocheck.in / envirocheck50@gmail.com ■ Website : www.envirocheck.in
Branch Office : Siliguri ■ Haldia ■ Durgapur ■ Dhanbad ■ Gangtok ■ Port Blair ■ Dehradun ■ New Delhi
Overseas : UAE ■ Qatar ■ Netherlands



ENVIROCHECK

Recognised by MoEF&CC, WBPCB & JSPCB
Accredited by NABL (ISO/IEC 17025:2017)
Certified by ISO 9001:2015, ISO 14001:2015 & ISO 45001:2018



TEST REPORT

FORMAT NO : ENV/FM/57

Name of the Industry	: Bravo Sponge Iron Pvt. Ltd.	Type of Industry	: Steel & Power Unit
Address	: Vill. – Mohuda. P.O. – Rukni, P.S. – Para, Purulia – 723145	Sampling Date	: 26.03.2022
		Period of Analysis	: 28.03.2022 – 28.03.2022
		Date of Issue	: 30.03.2022
Sampling Plan & Procedure	: ENV/SOP/01	Deviation from the Sampling Method and Plan	: No
		Type of Sample	: Work Zone Air
Sample ID No.	: ENV/70/March/A/X	Report No.	: ENV/70/March/TR(A)/X/21-22

A] GENERAL INFORMATION

1. Location of Sampling : Near AFBC Boiler Area (CPP Division)
2. Duration of Sampling : 08 hrs. (11:30 a.m. – 07:30 p.m.)

B] METEOROLOGICAL INFORMATION

1. Average Temperature (°C) : 35.0
2. Average Relative Humidity (%) : 74.0
3. Barometric Pressure (mm of Hg) : 755.0
4. Smell or Odour : No Remarkable Smell

C] RESULTS

SL. NO.	PARAMETERS	UNIT	METHOD NO.	RESULTS
1.	Concentration of SPM	µg/m ³	NIOSH 0500 : 2005	468.24

Remarks :

Reviewed By :

INDRANI BHATTACHARYA
Dy. Technical Manager, Chemical

Approved By :

Dr. SUMIT CHOWDHURY
Technical Manager



ENVIROCHECK

Recognised by MoEF&CC, WBPCB & JSPCB
Accredited by NABL (ISO/IEC 17025:2017)
Certified by ISO 9001:2015, ISO 14001:2015 & ISO 45001:2018



TEST REPORT

FORMAT NO : ENV/FM/57

Name of the Industry	: Bravo Sponge Iron Pvt. Ltd.	Type of Industry	: Steel & Power Unit		
Address	: Vill. - Mohuda. P.O. - Rukni, P.S. - Para, Purulia - 723145	Sampling Date	: 26.03.2022		
		Period of Analysis	: 28.03.2022 - 28.03.2022		
		Date of Issue	: 30.03.2022		
Sampling Plan & Procedure	: ENV/SOP/01	Deviation from the Sampling Method and Plan	: No	Type of Sample	: Work Zone Air
Sample ID No.	: ENV/70/March/A/X	Report No.	: ENV/70/March/TR(A)/X/21-22		

A] GENERAL INFORMATION

1. Location of Sampling : Near AFBC Boiler Area (CPP Division)
2. Duration of Sampling : 08 hrs. (11:30 a.m. - 07:30 p.m.)

B] METEOROLOGICAL INFORMATION

1. Average Temperature (°C) : 35.0
2. Average Relative Humidity (%) : 74.0
3. Barometric Pressure (mm of Hg) : 755.0
4. Smell or Odour : No Remarkable Smell

C] RESULTS

SL. NO.	PARAMETERS	UNIT	METHOD NO.	RESULTS
1.	Concentration of SO ₂	µg/m ³	IS 5182 (Part 2) 2001 & ASTM D 2914-01 Reapproved 2007: Sec. 11 (Vol. 11.07) : 2011	18.56
2.	Concentration of NO ₂	µg/m ³	IS 5182 (Part 6) 2006 & ASTM D 1607-91 reapproved 2005 : Sec. 11 (Vol. 11.07) : 2011	36.23

Remarks :

Reviewed By :

INDRANI BHATTACHARYA
Dy. Technical Manager, Chemical

Approved By :

Dr. SUMIT CHOWDHURY
Technical Manager



ENVIROCHECK

Recognised by MoEF&CC, WBPCB & JSPCB
Accredited by NABL (ISO/IEC 17025:2017)
Certified by ISO 9001:2015, ISO 14001:2015 & ISO 45001:2018



TEST REPORT

FORMAT NO : ENV/FM/57

Name of the Industry	: Bravo Sponge Iron Pvt. Ltd.	Type of Industry	: Steel & Power Unit
Address	: Vill. – Mohuda. P.O. – Rukni, P.S. – Para, Purulia – 723145	Sampling Date	: 26.03.2022
		Period of Analysis	: 28.03.2022 – 28.03.2022
		Date of Issue	: 30.03.2022
Sampling Plan & Procedure	: ENV/SOP/01	Deviation from the Sampling Method and Plan	: No
		Type of Sample	: Work Zone Air
Sample ID No.	: ENV/70/March/A/XI	Report No.	: ENV/70/March/TR(A)/XI/21-22

A] GENERAL INFORMATION

1. Location of Sampling : In between DRI – 1 & 2 and DRI – 3 & 4 (DRI Section)
2. Duration of Sampling : 08 hrs. (12:00 p.m. – 08:00 p.m.)

B] METEOROLOGICAL INFORMATION

1. Average Temperature (°C) : 34.0
2. Average Relative Humidity (%) : 72.0
3. Barometric Pressure (mm of Hg) : 755.0
4. Smell or Odour : No Remarkable Smell

C] RESULTS

SL. NO.	PARAMETERS	UNIT	METHOD NO.	RESULTS
1.	Concentration of SPM	µg/m ³	NIOSH 0500 : 2005	381.91

Remarks :

Reviewed By :

INDRANI BHATTACHARYA
Dy. Technical Manager, Chemical

Approved By :

Dr. SUMIT CHOWDHURY
Technical Manager



ENVIROCHECK

Recognised by MoEF&CC, WBPCB & JSPCB
Accredited by NABL (ISO/IEC 17025:2017)
Certified by ISO 9001:2015, ISO 14001:2015 & ISO 45001:2018



TEST REPORT

FORMAT NO : ENV/FM/57

Name of the Industry	: Bravo Sponge Iron Pvt. Ltd.	Type of Industry	: Steel & Power Unit
Address	: Vill. – Mohuda. P.O. – Rukni, P.S. – Para, Purulia – 723145	Sampling Date	: 26.03.2022
		Period of Analysis	: 28.03.2022 – 28.03.2022
		Date of Issue	: 30.03.2022
Sampling Plan & Procedure	: ENV/SOP/01	Deviation from the Sampling Method and Plan	: No
		Type of Sample	: Work Zone Air
Sample ID No.	: ENV/70/March/A/XI	Report No.	: ENV/70/March/TR(A)/XI/21-22

A] GENERAL INFORMATION

1. Location of Sampling : In between DRI – 1 & 2 and DRI – 3 & 4 (DRI Section)
2. Duration of Sampling : 08 hrs. (12:00 p.m. – 08:00 p.m.)

B] METEOROLOGICAL INFORMATION

1. Average Temperature (°C) : 34.0
2. Average Relative Humidity (%) : 72.0
3. Barometric Pressure (mm of Hg) : 755.0
4. Smell or Odour : No Remarkable Smell

C] RESULTS

SL. NO.	PARAMETERS	UNIT	METHOD NO.	RESULTS
1.	Concentration of SO ₂	µg/m ³	IS 5182 (Part 2) 2001 & ASTM D 2914-01 Reapproved 2007: Sec. 11 (Vol. 11.07) : 2011	11.52
2.	Concentration of NO ₂	µg/m ³	IS 5182 (Part 6) 2006 & ASTM D 1607-91 reapproved 2005 : Sec. 11 (Vol. 11.07) : 2011	30.11

Remarks :

Reviewed By :

INDRANI BHATTACHARYA
Dy. Technical Manager, Chemical

Approved By :

Dr. SUMIT CHOWDHURY
Technical Manager

H.O. : 63/B, Rastraguru Avenue, Kolkata -700028 ■ Ph. 033 25792891/ 25497490 ■ Fax : 033 25299141
 Laboratory : 189, 190 & 192, Rastraguru Avenue, Kolkata -700028 ■ Ph. 033 25792889
 E-mail : info@envirocheck.in / envirocheck50@gmail.com ■ Website : www.envirocheck.in
 Branch Office : Siliguri ■ Haldia ■ Durgapur ■ Dhanbad ■ Gangtok ■ Port Blair ■ Dehradun ■ New Delhi
 Overseas : UAE ■ Qatar ■ Netherlands

Annexure-6



ENVIROCHECK

Recognised by MoEF&CC, WBPCB & JSPCB
Accredited by NABL (ISO/IEC 17025:2017)
Certified by ISO 9001:2015, ISO 14001:2015 & ISO 45001:2018



FORMAT NO. ENV/FM/40

TEST REPORT

Name of the Industry	: Bravo Sponge Iron Pvt. Ltd.	Type of Industry	: Steel & Power Unit		
Address	: Vill. - Mahuda, P.O. - Rukni, P.S. - Para, Purulia - 723145	Sampling Date	: 26.03.2022		
		Period of Analysis	: 28.03.2022 - 31.03.2022		
		Date of Issue	: 02.04.2022		
Sampling Plan & Procedure	: ENV/SOP/01	Deviation from the Sampling Method and Plan	: No	Type of Sample	: Industrial Effluent Water (Grab)
Location	: E.T.P Outlet	Sample ID No.	: ENV/1128C/March/W/M	Report No.	: ENV/1128C/March/TR(W)/M/21-22

SL. NO.	PARAMETERS	TEST METHOD	UNIT	RESULTS
1.	pH value	4500H+B APHA 23 rd Edition, 2017	-	6.58
2.	Total Suspended Solids	2540 D APHA 23 rd Edition, 2017	mg/l	30.0
3.	Oil & Grease	5520 Oil B/D APHA 23 rd Edition, 2017	mg/l	3.85
4.	Chemical Oxygen Demand	5200 COD B/C/D APHA 23 rd Edition, 2017	mg/l	65.0
5.	Biochemical Oxygen Demand for 3 days at 27°C	5210 BOD B APHA 23 rd Edition, 2017	mg/l	10.0

Reviewed By :

INDRANI BHATTACHARYA
Dy. Technical Manager, Chemical

Approved By :

Dr. SUMIT CHOWDHURY
Technical Manager

Annexure-7



ENVIROCHECK

Recognised by MoEF&CC, WBPCB & JSPCB
Accredited by NABL (ISO/IEC 17025:2017)
Certified by ISO 9001:2015, ISO 14001:2015 & ISO 45001:2018



FORMAT NO. ENV/FM/55

TEST REPORT

Name of the Industry	:	Bravo Sponge Iron Pvt. Ltd.	Type of Industry	:	Steel & Power Unit			
Address	:	Vill. – Mahuda, P.O. – Rukni, P.S. – Para, Purulia – 723145	Sampling Date	:	26.03.2022			
	Period of Analysis		:	28.03.2022 – 04.04.2022				
	Date of Issue		:	05.04.2022				
Sampling Plan & Procedure	:	ENV/SOP/01	Deviation from the Sampling Method and Plan	:	No	Type of Sample	:	Water Sample
Location	:	Tubewell at Mohuda Village	Sample ID No.	:	ENV/1128/March/W/M	Report No.	:	ENV/1128/March/TR(W)/M/21-22

PARAMETERS	METHOD	UNIT	RESULTS	LIMIT (IS 10500 : 2012)	
				Acceptable	Permissible
1. Colour	APHA 23 rd Ed., 3111 B : 2017	Hazen	1.0	5.0	15.0
2. Odour	APHA 23 rd Ed., 2150 B : 2017	--	Odourless	Agreeable	Agreeable
3. pH	APHA 23 rd Ed., 4500 – H+B : 2017	--	6.80	6.5-8.5	No Relaxation
4. Taste	APHA 23 rd Ed., 2160 B : 2017	--	Acceptable	Agreeable	Agreeable
5. Turbidity	APHA 23 rd Ed., 2130 B : 2047	NTU	1.40	1.0	5.0
6. Total Dissolved Solids	APHA 23 rd Ed., 2540 B : 2017	mg./l	810.0	500.0	2000.0
7. Calcium	APHA 23 rd Ed., 3500 Ca-B : 2017	mg./l	83.76	75.0	200.0
8. Chloride	APHA 23 rd Ed., 4500 Cl-B/D : 2017	mg./l	83.04	250.0	1000.0
9. Iron	APHA 23 rd Ed., 3111 B : 2017	mg./l	0.80	1.0*	No Relaxation
10. Magnesium	APHA 23 rd Ed., 3500 Mg-B : 2017	mg./l	12.24	30.0	100.0
11. Nitrate	APHA 23 rd Ed., NO ₃ -E : 2017	mg./l	4.50	45.0	No Relaxation
12. Sulphate	APHA 23 rd Ed., 4500 SO ₄ -E : 2017	mg./l	81.20	200.0	400.0
13. Total Alkalinity	APHA 23 rd Ed., 2320 B : 2017	mg./l	310.0	200.0	600.0
14. Total Hardness	APHA 23 rd Ed., 2340 C : 2017	mg./l	260.0	200.0	600.0
15. Arsenic	IS 3025 (Part 37) : 1988 : 2014	mg./l	<0.01	0.01	No Relaxation*
16. Chromium	APHA 23 rd Ed., 3111 Cr-B : 2017	mg./l	<0.02	0.05	No Relaxation
17. Boron	APHA 23 rd Ed., 4500 B-C : 2017	mg./l	<0.1	0.5	1.0

Remarks : a) The (*) marked limit are as per IS 10500:2012 – Drinking Water Specification, Amendment No.1, June'2015.
b) N.A. means Not Available.

Reviewed By :

Indrani Bhattacharya

INDRANI BHATTACHARYA
Dy. Technical Manager, Chemical

Approved By :

Dr. Sumit Chowdhury

Dr. SUMIT CHOWDHURY
Technical Manager

H.O. : 63/B, Rastraguru Avenue, Kolkata -700028 ■ Ph. 033 25792891/ 25497490 ■ Fax : 033 25299141
Laboratory : 189, 190 & 192, Rastraguru Avenue, Kolkata -700028 ■ Ph. 033 25792889
E-mail : info@envirocheck.in / envirocheck50@gmail.com ■ Website : www.envirocheck.in
Branch Office : Siliguri ■ Haldia ■ Durgapur ■ Dhanbad ■ Gangtok ■ Port Blair ■ Dehradun ■ New Delhi
Overseas : UAE ■ Qatar ■ Netherlands



ENVIROCHECK

Recognised by MoEF&CC, WBPCB & JSPCB
Accredited by NABL (ISO/IEC 17025:2017)
Certified by ISO 9001:2015, ISO 14001:2015 & ISO 45001:2018



FORMAT NO. ENV/FM/55

TEST REPORT

Name of the Industry	: Bravo Sponge Iron Pvt. Ltd.	Type of Industry	: Steel & Power Unit		
Address	: Vill. - Mahuda, P.O. - Rukni, P.S. - Para, Purulia - 723145	Sampling Date	: 26.03.2022		
		Period of Analysis	: 28.03.2022 - 29.03.2022		
		Date of Issue	: 05.04.2022		
Sampling Plan & Procedure	: ENV/SOP/01	Deviation from the Sampling Method and Plan	: No	Type of Sample	: Water Sample
Location	: Tubewell at Mohuda Village	Sample ID No.	: ENV/1128/March/W/M	Report No.	: ENV/1128/March/TR(W)/M/21-22

PARAMETERS	METHOD	UNIT	RESULTS	LIMIT (IS : 10500-2012)
1. Total Coliform	9222 B, APHA 23 rd , 2017	CFU/100 ml.	<1.0	Shall not be detected in any 100 ml. sample
2. E. Coli	9222 I, APHA 23 rd Ed., 2017	CFU/100 ml.	<1.0	Shall not be detected in any 100 ml. sample

Remarks : a) CFU indicates Colony Forming Unit.
b) <1.0 indicates "Absent" No Colony Developed i.e. No Coliform Found.

Reviewed By :

Indrani Bhattacharya

INDRANI BHATTACHARYA
Dy. Technical Manager, Chemical

Approved By :

Dr. Sumit Chowdhury

Dr. SUMIT CHOWDHURY
Technical Manager

Annexure-8



ENVIROCHECK

Recognised by MoEF&CC, WBPCB & JSPCB
Accredited by NABL (ISO/IEC 17025:2017)
Certified by ISO 9001:2015, ISO 14001:2015 & ISO 45001 : 2018



NOISE MONITORING REPORT

Bravo Sponge Iron Pvt. Ltd.

Vill. – Mahuda, P.O – Rukni, P.S – Para, District – Purulia, Pin - 723145

MONITORED BY :

ENVIROCHECK
189, Rastraguru Avenue,
Calcutta - 700 028

Report No : 379/EC/M/N/I/21-22

Sampling Locations :	Near Security Gate – Western Side	Date of Study :	26/03/2022
Category :	Integrated Steel Plant	Day time :	6 AM to 10 PM

Time (hrs.)	L _{min}	L _{max}	L _{eq}	Day time L _{eq}
6:00 AM to 7:00 AM	61.4	65.1	63.63	65.93
7:00 AM to 8:00 AM	63.2	64.9	64.13	
8:00 AM to 9:00 AM	70.1	75.9	73.90	
9:00 AM to 10:00 AM	64.4	67.9	66.49	
10:00 AM to 11:00 AM	60.4	63.8	62.42	
11:00 AM to 12:00 PM	65.2	66.9	66.13	
12:00 PM to 1:00 PM	63.2	66.7	65.29	
1:00 PM to 2:00 PM	60.1	63.6	62.19	
2:00 PM to 3:00 PM	60.4	62.9	61.83	
3:00 PM to 4:00 PM	61.3	63.0	62.23	
4:00 PM to 5:00 PM	61.4	64.9	63.49	
5:00 PM to 6:00 PM	62.5	66.9	65.23	
6:00 PM to 7:00 PM	62.0	67.1	65.26	
7:00 PM to 8:00 PM	60.1	66.8	64.63	
8:00 PM to 9:00 PM	60.0	62.9	61.69	
9:00 PM to 10:00 PM	59.9	62.5	61.39	

Date of Study :	26/03/2022 to 27/03/2022	Night time :	10 PM to 6 AM
-----------------	--------------------------	--------------	---------------

Time(hrs.)	L _{min}	L _{max}	L _{eq}	Night time L _{eq}
10:00 PM to 11:00 PM	58.5	61.8	60.46	59.03
11:00 PM to 12:00 AM	55.1	60.4	58.51	
12:00 AM to 1:00 AM	52.9	59.9	57.68	
1:00 AM to 2:00 AM	50.2	55.8	53.85	
2:00 AM to 3:00 AM	50.0	53.4	52.02	
3:00 AM to 4:00 AM	58.2	60.3	59.38	
4:00 AM to 5:00 AM	59.5	61.4	60.55	
5:00 AM to 6:00 AM	60.3	63.2	61.99	

L_{min} : Minimum Noise level

L_{max} :Maximum Noise level

L_{eq} :Equivalent sound energy

Dr. Ajoy Paul

Dr. S. B. Chowdhury

Compiled by : (Signature)
Dr. Ajoy Paul

Envirocheck Seal
Date : 28.03.2022



Certified by : (Signature)
Dr. S. B. Chowdhury

H.O. : 63/B, Rastraguru Avenue, Kolkata - 700028 (033-25792891/25497490, Fax : 033-25299141
Laboratory : 189,190&192 Rastraguru Avenue, Kolkata - 700028 (033-25792889
Email : envcheck@cal2.vsnl.net.in/envirocheck50@gmail.com / Website : www.envirocheck.org
Branch Office : • Siliguri • Haldia • Durgapur • Dhanbad • Gangtok • Port Blair • Dehradun • New Delhi
Overseas : • UAE • Qatar • Netherlands



ENVIROCHECK

Recognised by MoEF&CC, WBPCB, JSPCB & OSPCB
Accredited by NABL (ISO/IEC 17025:2017)
Certified by ISO 9001:2015, ISO 14001:2015 & OHSAS 18001:2007



NOISE MONITORING REPORT

Bravo Sponge Iron Pvt. Ltd.

Vill. – Mahuda, P.O – Rukni, P.S – Para, District – Purulia, Pin - 723145

MONITORED BY :

ENVIROCHECK
189, Rastraguru Avenue,
Calcutta - 700 028

Report No : 379/EC/M/N/III/21-22

Sampling Locations :	Near Railway Siding Area – Northern Side	Date of Study :	26/03/2022
Category :	Integrated Steel Plant	Day time :	6 AM to 10 PM

Time (hrs.)	L _{min}	L _{max}	L _{eq}	Day time L _{eq}
6:00 AM to 7:00 AM	55.1	60.2	58.36	63.17
7:00 AM to 8:00 AM	56.3	61.4	59.56	
8:00 AM to 9:00 AM	56.9	62.3	60.39	
9:00 AM to 10:00 AM	55.4	63.7	61.29	
10:00 AM to 11:00 AM	58.1	64.6	62.47	
11:00 AM to 12:00 PM	59.3	65.2	63.18	
12:00 PM to 1:00 PM	62.5	67.4	65.61	
1:00 PM to 2:00 PM	63.4	68.2	66.43	
2:00 PM to 3:00 PM	64.9	69.4	67.71	
3:00 PM to 4:00 PM	62.5	66.3	64.80	
4:00 PM to 5:00 PM	62.0	64.2	63.24	
5:00 PM to 6:00 PM	61.7	63.8	62.88	
6:00 PM to 7:00 PM	60.8	62.4	61.67	
7:00 PM to 8:00 PM	59.6	61.3	60.53	
8:00 PM to 9:00 PM	58.4	60.4	59.51	
9:00 PM to 10:00 PM	57.5	60.2	59.06	

Date of Study :	26/03/2022 to 27/03/2022	Night time :	10 PM to 6 AM
-----------------	--------------------------	--------------	---------------

Time (hrs.)	L _{min}	L _{max}	L _{eq}	Night time L _{eq}
10:00 PM to 11:00 PM	53.8	59.2	57.29	55.35
11:00 PM to 12:00 AM	52.6	58.4	56.40	
12:00 AM to 1:00 AM	51.3	57.6	55.50	
1:00 AM to 2:00 AM	49.6	53.1	51.69	
2:00 AM to 3:00 AM	49.9	52.8	51.59	
3:00 AM to 4:00 AM	51.3	54.2	52.99	
4:00 AM to 5:00 AM	52.8	55.6	54.42	
5:00 AM to 6:00 AM	53.9	60.2	58.10	

L_{min} : Minimum Noise level

L_{max} :Maximum Noise level

L_{eq} :Equivalent sound energy

Compiled by : (Signature)
Dr. Ajoy Paul

Envirocheck Seal
Date : 28.03.2022



Certified by : (Signature)
Dr. S. B. Chowdhury

H.O. : 63/B, Rastraguru Avenue, Kolkata - 700028 (033-25792891/25497490, Fax : 033-25299141
Laboratory : 189,190&192 Rastraguru Avenue, Kolkata - 700028 (033-25792889
Email : envcheck@cal2.vsnl.net.in/envirocheck50@gmail.com / Website : www.envirocheck.org
Branch Office : * Siliguri * Haldia * Durgapur * Dhanbad * Gangtok * Port Blair * Dehradun * New Delhi
Overseas : * UAE * Qatar * Netherlands



ENVIROCHECK

Recognised by MoEF&CC, WBPCB, JSPCB & OSPCB
Accredited by NABL (ISO/IEC 17025:2017)
Certified by ISO 9001:2015, ISO 14001:2015 & OHSAS 18001:2007



NOISE MONITORING REPORT

Bravo Sponge Iron Pvt. Ltd.

Vill. – Mahuda, P.O – Rukni, P.S – Para, District – Purulia, Pin - 723145

MONITORED BY :

ENVIROCHECK
189, Rastraguru Avenue,
Calcutta - 700 028

Report No : 379/EC/M/N/IV/21-22

Sampling Locations :	Near Main Administrative Building – Eastern Side	Date of Study :	26/03/2022
Category :	Integrated Steel Plant	Day time :	6 AM to 10 PM

Time (hrs.)	L _{min}	L _{max}	L _{eq}	Day time L _{eq}
6:00 AM to 7:00 AM	50.2	55.9	53.92	63.53
7:00 AM to 8:00 AM	60.4	63.8	62.42	
8:00 AM to 9:00 AM	61.3	65.4	63.82	
9:00 AM to 10:00 AM	62.8	66.2	64.82	
10:00 AM to 11:00 AM	63.9	67.4	65.99	
11:00 AM to 12:00 PM	62.7	68.3	66.35	
12:00 PM to 1:00 PM	64.6	69.1	67.41	
1:00 PM to 2:00 PM	60.4	65.0	63.28	
2:00 PM to 3:00 PM	61.3	63.8	62.73	
3:00 PM to 4:00 PM	63.8	65.7	64.85	
4:00 PM to 5:00 PM	61.2	64.5	63.16	
5:00 PM to 6:00 PM	60.5	63.8	62.46	
6:00 PM to 7:00 PM	60.4	63.2	62.02	
7:00 PM to 8:00 PM	58.6	61.4	60.22	
8:00 PM to 9:00 PM	55.4	60.2	58.43	
9:00 PM to 10:00 PM	52.8	59.9	57.66	

Date of Study :	26/03/2022 to 27/03/2022	Night time :	10 PM to 6 AM
-----------------	--------------------------	--------------	---------------

Time (hrs.)	L _{min}	L _{max}	L _{eq}	Night time L _{eq}
10:00 PM to 11:00 PM	50.6	55.1	53.41	51.99
11:00 PM to 12:00 AM	49.6	52.5	51.29	
12:00 AM to 1:00 AM	46.1	50.4	48.76	
1:00 AM to 2:00 AM	44.8	48.3	46.89	
2:00 AM to 3:00 AM	42.5	47.6	45.76	
3:00 AM to 4:00 AM	48.3	51.4	50.12	
4:00 AM to 5:00 AM	50.6	54.8	53.19	
5:00 AM to 6:00 AM	52.3	58.5	56.42	

L_{min} : Minimum Noise level

L_{eq} :Equivalent sound energy

Compiled by : (Signature)
Dr. Ajoy Paul

Envirocheck Seal
Date : 28.03.2022

Certified by : (Signature)
Dr. S. B. Chowdhury



H.O. : 63/B, Rastraguru Avenue, Kolkata - 700028 (033-25792891/25497490, Fax : 033-25299141
Laboratory : 189,190&192 Rastraguru Avenue, Kolkata - 700028 (033-25792889
Email : envcheck@cal2.vsnl.net.in/envirocheck50@gmail.com / Website : www.envirocheck.org
Branch Office : • Siliguri • Haldia • Durgapur • Dhanbad • Gangtok • Port Blair • Dehradun • New Delhi
Overseas : • UAE • Qatar • Netherlands



ENVIROCHECK

Recognised by MoEF&CC, WBPCB, JSPCB & OSPCB
Accredited by NABL (ISO/IEC 17025:2017)
Certified by ISO 9001:2015, ISO 14001:2015 & OHSAS 18001:2007



NOISE MONITORING REPORT

Bravo Sponge Iron Pvt. Ltd.

Vill. – Mahuda, P.O – Rukni, P.S – Para, District – Purulia, Pin - 723145

MONITORED BY :
ENVIROCHECK
189, Rastraguru Avenue,
Calcutta - 700 028

Report No : 379/EC/M/N/II/21-22

Sampling Locations :	Mohuda Village (0.5 KM from Plant) – Southern Side	Date of Study :	26/03/2022
Category :	Integrated Steel Plant	Day time :	6 AM to 10 PM

Time (hrs.)	L _{min}	L _{max}	L _{eq}	Day time L _{eq}
6:00 AM to 7:00 AM	48.0	51.6	50.16	52.34
7:00 AM to 8:00 AM	48.4	52.3	50.77	
8:00 AM to 9:00 AM	50.1	53.2	51.92	
9:00 AM to 10:00 AM	51.6	54.9	53.56	
10:00 AM to 11:00 AM	51.9	53.2	52.60	
11:00 AM to 12:00 PM	50.4	55.1	53.36	
12:00 PM to 1:00 PM	52.5	57.6	55.76	
1:00 PM to 2:00 PM	51.4	56.2	54.43	
2:00 PM to 3:00 PM	50.3	54.9	53.18	
3:00 PM to 4:00 PM	50.9	53.6	52.46	
4:00 PM to 5:00 PM	51.7	54.2	53.13	
5:00 PM to 6:00 PM	50.2	53.7	52.29	
6:00 PM to 7:00 PM	50.0	52.5	51.43	
7:00 PM to 8:00 PM	45.2	51.9	49.73	
8:00 PM to 9:00 PM	43.4	49.4	47.36	
9:00 PM to 10:00 PM	41.3	47.6	45.50	

Date of Study :	21/03/2022 to 22/03/2022	Night time :	10 PM to 6 AM
-----------------	--------------------------	--------------	---------------

Time(hrs.)	L _{min}	L _{max}	L _{eq}	Night time L _{eq}
10:00 PM to 11:00 PM	40.2	47.9	45.57	44.63
11:00 PM to 12:00 AM	40.0	41.6	40.87	
12:00 AM to 1:00 AM	38.3	40.2	39.35	
1:00 AM to 2:00 AM	39.9	42.5	41.39	
2:00 AM to 3:00 AM	41.6	45.9	44.26	
3:00 AM to 4:00 AM	41.2	45.3	43.72	
4:00 AM to 5:00 AM	41.6	45.8	44.19	
5:00 AM to 6:00 AM	45.9	51.2	49.31	

L_{min} : Minimum Noise level

L_{max} : Maximum Noise level

L_{eq} : Equivalent sound energy

Compiled by : (Signature)
Dr. Ajoy Paul

Envirocheck Seal
Date : 23/03/2022



Certified by : (Signature)
Dr. S. B. Chowdhury

H.O. : 63/B, Rastraguru Avenue, Kolkata - 700028 (033-25792891/25497490, Fax : 033-25299141
Laboratory : 189,190&192 Rastraguru Avenue, Kolkata - 700028 (033-25792889
Email : envcheck@cal2.vsnl.net.in/envirocheck50@gmail.com / Website : www.envirocheck.org
Branch Office : • Siliguri • Haldia • Durgapur • Dhanbad • Gangtok • Port Blair • Dehradun • New Delhi
Overseas : • UAE • Qatar • Netherlands

Annexure-9



ENVIROCHECK

Recognised by MoEF&CC, WBPCB & JSPCB
Accredited by NABL (ISO/IEC 17025:2017)
Certified by ISO 9001:2015, ISO 14001:2015 & ISO 45001 : 2018



FORMAT NO. : ENV/FM/58

TEST REPORT

1.	Name of the Industry / Project	:	Bravo Sponge Iron Pvt. Ltd.
2.	Address	:	Vill. - Mahuda, P.O - Rukni, P.S - Para, District - Purulia, Pin - 723145
3.	Type of Industry	:	Integrated Steel Plant
4.	Sampling Plan & Procedure	:	ENV/SOP/01
5.	Deviation from the Sampling Method & Plan	:	No
6.	Type of Sample	:	Work Zone Noise
7.	Sample ID	:	379/EC/M/N/I/21-22
8.	Date of Study	:	26/03/2022
9.	Reporting Date	:	31/03/2022
10.	Method No.	:	IS: 9989 - 1981
11.	Time of Duration of Noise	:	20 Minutes
12.	Height from Ground Level	:	4 feet
13.	Sample Monitoring by	:	Mr. Subhas Mondal

RESULT OF NOISE LEVEL STUDY

Time : 10:00 - 10:20 A.M

DAY TIME

1. Location : Coal Shed Area (RM Handling Section)

Sl. No.	Unit	Minimum dB(A)	Maximum dB(A)	Leq dB(A)	Remarks
01.	dB(A)	64.2	70.8	68.65	East Side
02.	dB(A)	63.9	68.4	66.71	West Side
03.	dB(A)	63.1	70.4	68.13	North Side
04.	dB(A)	65.8	72.3	70.17	South Side
Average dB(A) Leq				68.41	

Reviewed By:

Dy. Quality Manager

Approved By:

Quality Manager

> End of Report <



TEST REPORT

1.	Name of the Industry / Project	:	Bravo Sponge Iron Pvt. Ltd.
2.	Address	:	Vill. - Mahuda, P.O - Rukni, P.S - Para, District - Purulia, Pin - 723145
3.	Type of Industry	:	Integrated Steel Plant
4.	Sampling Plan & Procedure	:	ENV/SOP/01
5.	Deviation from the Sampling Method & Plan	:	No
6.	Type of Sample	:	Work Zone Noise
7.	Sample ID	:	379/EC/M/N/II/21-22
8.	Date of Study	:	26/03/2022
9.	Reporting Date	:	31/03/2022
10.	Method No.	:	IS: 9989 - 1981
11.	Time of Duration of Noise	:	20 Minutes
12.	Height from Ground Level	:	4 feet
13.	Sample Monitoring by	:	Mr. Subhas Mondal

RESULT OF NOISE LEVEL STUDY

Time : 10:30 - 10:50 A.M

DAY TIME

2. Location : In-between Rotary Kiln - 1,2 & 3,4 (DRI)					
Sl. No.	Unit	Minimum dB(A)	Maximum dB(A)	Leq dB(A)	Remarks
01.	dB(A)	69.9	70.4	70.16	East Side
02.	dB(A)	70.2	73.8	72.36	West Side
03.	dB(A)	72.5	74.6	73.68	North Side
04.	dB(A)	70.6	72.8	71.84	South Side
Average dB(A) Leq				72.01	

Reviewed By:

Dy. Quality Manager

Approved By:

Quality Manager

> End of Report <



FORMAT NO. : ENV/FM/58

TEST REPORT

1.	Name of the Industry / Project	: Bravo Sponge Iron Pvt. Ltd.
2.	Address	: Vill. - Mahuda, P.O - Rukni, P.S - Para, District - Purulia, Pin - 723145
3.	Type of Industry	: Integrated Steel Plant
4.	Sampling Plan & Procedure	: ENV/SOP/01
5.	Deviation from the Sampling Method & Plan	: No
6.	Type of Sample	: Work Zone Noise
7.	Sample ID	: 379/EC/M/N/III/21-22
8.	Date of Study	: 26/03/2022
9.	Reporting Date	: 31/03/2022
10.	Method No.	: IS: 9989 - 1981
11.	Time of Duration of Noise	: 20 Minutes
12.	Height from Ground Level	: 4 feet
13.	Sample Monitoring by	Mr. Subhas Mondal

RESULT OF NOISE LEVEL STUDY

Time :11:00 - 11:20 A.M

DAY TIME

3. Location : Near Induction Furnace Area (SMS)

Sl. No.	Unit	Minimum dB(A)	Maximum dB(A)	Leq dB(A)	Remarks
01.	dB(A)	64.2	76.9	74.12	East Side
02.	dB(A)	63.5	72.8	70.27	West Side
03.	dB(A)	64.6	74.8	72.19	North Side
04.	dB(A)	68.5	72.9	71.23	South Side
Average dB(A) Leq				71.95	

Reviewed By:

Dy. Quality Manager

Approved By:

Quality Manager

> End of Report <

Annexure-10

DRISHTI FIRE BRICKS



Tel. No. : 0341 - 5520414
Mob. No. : 094341-00786
094341-72721, 9832148158

MANUFACTURERS OF HIGH QUALITY REFRACTORIES

Inanpur. P.O. : Digha. P.S. : Neturia
Dist. : Purulia (W. B.) . Pin - 723121

Ref. No. 01/16-17/PABAVO

Date : 01.04.16.....

AGREEMENT

This agreement hereafter referred to as ("the Agreement") made on this the first day of April 2016 by M/S. Bravo Sponge Iron Pvt. Ltd. a company incorporated under the companies Act, 1956 and having its registered office at Mahuda, P.O.-Rukni, P.S.-Para, Dt.-Purulia hereafter referred to as BSIPL (with expression shall unless excluded by or repugnant to the subject or context be deemed to mean and include its successor or successors and permitted assigns) of the ONE part

And

M/S. Drishti Fire Bricks, a partnership firm and having its factory at Inanpur, P.O.- Digha, P.S.-Neturia, Purulia-723121 (with expression shall unless excluded by or repugnant to the subject or context be deemed to mean and include its successor or successors and permitted assigns) of the OTHER Part.

Whereas, the First Party offered "Fly Ash" to M/S. Drishti Fire Bricks generated from the proposed AFBC Boiler at the captive Power Plant of BSIPL, The rate of the Fly ash will be decided fortnightly.

Whereas M/S. Drishti Fire Bricks shall arrange to place vehicle for lifting of the Fly ash on daily basis and will pay the freight to the transporter/truck driver as per lorry receipt and at actual being the charges from Unit of BSIPL, Rukni to the unit of M/S. Drishti Fire Bricks. Vehicles carrying Fly ash shall be emptied and release at earliest.

M/S. Drishti Fire Bricks will utilize the Fly ash towards manufacturing of Fly Ash Bricks at its factory at Inanpur.

Period of Agreement: This agreement shall remain in force for a period of 10(ten) years from the date of Commissioning of the proposed captive Power Plant of BSIPL.

Dispute Resolution. That in the event of any dispute of difference between the parties in respect to this Agreement shall be settled by amicable negotiation between the parties failing which the same shall be decided by Arbitration in accordance with provision of Arbitration and conciliation Act, 1966.

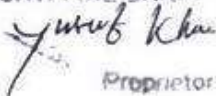
In witness thereof the parties here to have executed this above written on the first day of April' 2016

Signed and Delivered by the above

Signed and Delivered by the above

Name:
Degn: Partner
M/S. Drishti Fire Bricks

Name: Deepak Kr. Agarwal
Degn: Director
M/S. Bravo Sponge Iron Pvt. Ltd.

DRISHTI FIRE BRICKS

Proprietor



पश्चिम बंगाल पश्चिम बंगाल WEST BENGAL

E 505045

AN AGREEMENT BETWEEN PURCHASER AND SUPPLIER

This Deed of Agreement is made and entered into on 18th day of September 2018

BETWEEN

M/s. Bravo Sponge Iron Pvt. Limited having its plant operation at Vill. Mahuda, Post-Rukni, PS- Para, Dist- Purulia (WB) here in after called THE SUPPLIER as Party-1

AND

M/s. Diamond Fly ash Bricks, a non-government organisation having its Office at Purulia, Dubra, Purulia (Tentulhity Road) Pin- 723155 here in after called THE PURCHASER as party-2

Whereas M/s Diamond Fly ash Bricks has a Brick Manufacturing Project at Purulia district of West Bengal is willing to take Fly ash of power plant from party no.-1 for brick making purpose.

And whereas The SUPPLIER expresses their desire to enter into an agreement with the PURCHASER for utilization its fly ash in brick manufacturing.

NOW THIS DEED OF AGREEMENT WITNESSES THE TERMS AND CONDITIONS AS FOLLOWS:

1. That the Agreement shall come into force immediately and shall remain valid for a period of 8 years w. e. f. The date of agreement.

2. That this agreement bears no consideration value means it will of FREE OF COST.
3. That the SUPPLIER will provide facility to PURCHASER to take the fly ash from its premises and the purchaser will lift fly ash accordingly.
4. That the purchaser shall lift the fly ash by his own transportation facilities.
5. That the purchaser shall take all possible care to prevent spillage on road during transportation. To avoid spillage lorry will have to cover with tarpaulin.
6. That the purchaser will not unload the fly ash other than specified place at his works.
7. That the purchaser will have to make water spray on the heap of fly ash during dry weather condition to prevent any further dispersal.
8. That the purchaser shall lift a minimum of 30 MT fly ash on daily basis. This condition will not be applied during shut down of the Supplier's plant operation.
9. That the Supplier reserves the right to discontinue to provide fly ash to purchaser if at any stage it observes that the purchaser is violating the terms and conditions of this agreement.
10. That during any Force Majeure condition which is beyond the control either parties the condition of this agreement shall not be applied.
11. That if any dispute arises among parties in connection with or under this Agreement between the Parties hereto, the matter shall be referred to the Executive Director-Corporate or to an Officer designated by him and if it is remain unresolved the matter will under jurisdiction court at District Purulia (WB).

Signed on the 18TH day of SEPTEMBER 2018 for and on behalf of the Supplier and Purchaser as follows:

Supplier
Bravo Sponge Iron Pvt. Ltd.

1.....
Authorized Signatory

PURCHASER
DIAMOND FLY ASH BRICKS

2.....
Proprietor

Annexure-11

PLANTATION WITH INDIGINIOUS SPECIES



PLANTATION WITH INDIGINIOUS SPECIES



PLANTATION WITH INDIGINIOUS SPECIES



PLANTATION WITH INDIGINIOUS SPECIES



PLANTATION WITH INDIGINIOUS SPECIES



Annexure-12



SHAKAMBHARI
GROUP

BRAVO SPONGE IRON PVT. LIMITED

Vill-Mahuda, PO-Rukni, Dist-Purulia (WB)

HEALTH CARD OF EMPLOYEE

Registration No. _____ Date: 10-03-22
 Name Subodh Bauri Father/Husband D. Bauri
 Department RMP Age 43 Sex M Blood Group O (+ve)
 Relevant Personal History NO
 Relevant Family History NO
 Prelisting Disease if any NO

Physical Examination:

General Health OK

Weight 70 Abdomen Normal

B.P. 125/82 PLUS 78 CBG 112

Anemia NO

Jaundice NO

~~RHEFACTOR~~ (Blood) Hb-11.8, Ne-56, LY-35, Eo-07, Mo-02, Ba-00, ESR-10, TC-6.500/cu

Chest ECG - Normal

CNS _____

Ear Both ears Hearing Sensitivity is normal

EYE Both eyes N/E plus ev normal

Investigation (if any) _____

Further Advice _____

Checked by
Medical Officer





SHAKAMBHARI GROUP

BRAVO SPONGE IRON PVT. LIMITED

Vill-Mahuda, PO-Rukni, Dist-Purulia (WB)

HEALTH CARD OF EMPLOYEE

Registration No. _____

Date: 10-03-22

Name Debnath Sinha

Father/Husband D.D. Sinha

Department CDF

Age 60

Sex M

Blood Group 'A' (+ve)

Relevant Personal History NO

Relevant Family History NO

Prelisting Disease if any NO

Physical Examination:

General Health OK

Weight 67

Abdomen Normal

B.P. 122/80

PLUS 82

CBG 110

Anemia NO

Jaundice NO

Blood

~~REFLECTOR~~ Hb-13.3, Hc-63, Lx-31, Eo-05, Mo-01, Ba-00, ESR-15, Tc-7000

Chest ECG - Normal

CNS _____

Ear Both ears hearing sensitivity is normal

EYE R/L b. ref. Nk e. glau. CV Normal

Investigation (if any) _____

Further Advice _____

Checked by
Medical Officer





SHAKAMBHARI
GROUP

BRAVO SPONGE IRON PVT. LIMITED

Vill-Mahuda, PO-Rukni, Dist-Purulia (WB)

HEALTH CARD OF EMPLOYEE

Registration No. _____

Date: 10-03-22

Name Madan Kr Giri Father/Husband Ramnarayan Giri

Department epp Age 50 Sex M Blood Group "B" (+ve)

Relevant Personal History NO

Relevant Family History NO

Prelisting Disease if any NO

Physical Examination:

General Health OK

Weight 78 Abdomen Normal

B.P. 120/80 PLUS 75 CBG 110

Anemia NO

Jaundice NO

(Blood)
~~REL~~ FACTOR HB-14.2, Ne-74, Ly-18, Eo-06, Mo-02, Ba-00, ESR-05, TC-6,200/cu

Chest ECU - Normal

CNS _____

Ear Belt ears hearing sensitivity is normal

EYE Ref 6/6 M6E plan CV Normal

Investigation (if any) _____

Further Advice _____

Checked by
Medical Officer



VIVEKANANDA
HOSPITAL
- Passion for Caring -

BRAVO SPONGE IRON PVT. LIMITED

Vill-Mahuda, PO-Rukni, Dist-Purulia (WB)

HEALTH CARD OF EMPLOYEE

Registration No. _____

Date: 10/03/2022

Name Jamshedhan Basari Father/Husband Jehorlal Basari

Department Automobile Age 40 Sex M Blood Group "B" (+ve)

Relevant Personal History NO

Relevant Family History NO

Prelisting Disease if any NO

Physical Examination:

General Health Good

Weight 66 Abdomen Normal

B.P. 115/75 mm PLUS 76 CBG 110

Anemia NO

Jaundice NO

(Blood)
RH FACTOR Hb-10.4 gml, Ne-66, LY-39, E0-04, M0-00, Ba-00, ESR-35, Tc-8,500/L10

Chest Ecg Normal,

CNS _____

Ear Both ear Hearing Sensitivity is normal

EYE 6/6 Ref M6 E glen. ev. Normal

Investigation (if any) _____

Further Advice _____

Checked by
Medical Officer


**VIVEKANANDA
HOSPITAL**
— Passion for Caring —



SHAKAMBHARI
GROUP

BRAVO SPONGE IRON PVT. LIMITED

Vill-Mahuda, PO-Rukni, Dist-Purulia (WB)

HEALTH CARD OF EMPLOYEE

Registration No. _____ Date: 10-03-22
 Name Astika Banerji Father/Husband Rampada
 Department _____ Age 30 Sex M Blood Group "O"(+ve)
 Relevant Personal History NO
 Relevant Family History NO
 Prelisting Disease if any NO

Physical Examination:

General Health OK.
 Weight 55 Abdomen Normal
 B.P. 110/70 PLUS 78 CBG 105
 Anemia NO
 Jaundice NO

~~RH FACTOR~~ Hb-12.6, Ne-57, Ly-38, Eo-04, Mo-01, Ba-00, ESR-15, TC-8,600/c4

Chest ECG-normal

CNS _____

Ear Both ears Hearing Sensitivity is normal

EYE Dist 6/6 Near 16 cv Normal

Investigation (if any) _____

Further Advice _____

Checked by
Medical Officer





SHAKAMBHARI
GROUP

BRAVO SPONGE IRON PVT. LIMITED

Vill-Mahuda, PO-Rukni, Dist-Purulia (WB)

HEALTH CARD OF EMPLOYEE

Registration No. _____ Date: 10.03.22
 Name Arun Kumar Father/Husband S.P. Kumar
 Department _____ Age 47 Sex M Blood Group "O" (+ve)
 Relevant Personal History NO
 Relevant Family History NO
 Prelisting Disease if any NO

Physical Examination:

General Health OK.
 Weight 68 Abdomen Normal.
 B.P. 110/70 PLUS 80 CBG 115
 Anemia NO
 Jaundice NO
 (Blood)
~~RH FACTOR~~ Hb-14.8, Ne-61, Ly-31, Eo-06, Mo-02, Ba-00, ESR-10mm, Tc-7.70/cu
 Chest ECG-Normal,
 CNS _____
 Ear Both ears Hearing Sensitivity is normal
 EYE Dist 6/6 H6 M@w V Nant
 Investigation (if any) _____
 Further Advice _____

Checked by
Medical Officer


VIVARANANDA
HOSPITAL
 — Passion for Caring —



SHAKAMBHARI
GROUP

BRAVO SPONGE IRON PVT. LIMITED

VIII-Mahuda, PO-Rukni, Dist-Purulia (WB)

HEALTH CARD OF EMPLOYEE

Registration No. _____ Date: 10.3.22
 Name Kishor Ghosh Father/Husband R.N. Ghosh
 Department CIP Age 34 Sex M Blood Group "O" (+ve)
 Relevant Personal History NO
 Relevant Family History NO
 Prelisting Disease if any NO

Physical Examination:

General Health OK.

Weight 82 Abdomen Normal

B.P. 130/85 PLUS 85 CBG 112

Anemia NO

Jaundice NO

(Blood) RH FACTOR Hb-14.4, Hc-65, Lt-31, Ec-03, Mo-01, Da-00, ESR-05, TC-7.30/cu

Chest ECN - Normal

CNS _____

Ear Both ears Hearing sensitivity is normal

EYE Dist 6/6 No Rx. ev Normal

Investigation (if any) _____

Further Advice _____

Checked by
Medical Officer





SHAKAMBHARI
GROUP

BRAVO SPONGE IRON PVT. LIMITED

Vill-Mahuda, PO-Rukni, Dist-Purulia (WB)

HEALTH CARD OF EMPLOYEE

Registration No. _____ Date: 10-03-22

Name Jasad Ansary Father/Husband Samurky Anson

Department Automobile Age 57 Sex M Blood Group "AB" (+ve)

Relevant Personal History NO

Relevant Family History NO

Prelisting Disease if any NO

Physical Examination:

General Health OK

Weight 70 kg Abdomen Normal

B.P. 150/90 PLUS 101 CBG 130

Anemia NO

Jaundice NO

(Blood)

~~RH FACTOR~~ Hb-114, Ne-66, LY-22, Eo-10, Mo-02, Ba-00, ESR-20, Tc-7800/CC/mm³

Chest ECG-Normal, ^{X-ray} CT-ratir is slight. influr.

CNS _____

Ear Both ears Hearing Sensitivity is normal

EYE Rut 6/6 N6 E flur. CV normal

Investigation (if any) _____

Further Advice _____

Checked by
Medical Officer





SHAKAMBHARI
GROUP

BRAVO SPONGE IRON PVT. LIMITED

Vill-Mahuda, PO-Rukni, Dist-Purulia (WB)

HEALTH CARD OF EMPLOYEE

Registration No. _____ Date: 10.03.22
 Name Upendra Singh Father/Husband Bake Singh
 Department DRI (Mech) Age 45 Sex M Blood Group 'O' (+ve)
 Relevant Personal History NO
 Relevant Family History NO
 Prelisting Disease if any NO

Physical Examination:

General Health OK
 Weight 76 kg. Abdomen Normal
 B.P. 120/87 PLUS 83 CBG 120
 Anemia NO
 Jaundice NO
 (Blood) ~~RHEFACTOR~~ Hb-13.7, Hc-73, LY-18, Eo-07, Mo-02, Ba-09, ESR-20, Tc-8.30/cu
 Chest ECG-Normal, x-ray- CT rather in Invest.
 CNS _____
 Ear BOTH ear Heavy Sensitivity is normal
 EYE Distum c/c Hb is gluc. or Normal
 Investigation (if any) _____
 Further Advice _____

Checked by
Medical Officer



BRAVO SPONGE IRON PVT. LIMITED

Vill-Mahuda, PO-Rukni, Dist-Purulia (WB)

HEALTH CARD OF EMPLOYEE

Registration No. _____ Date: 10-03-2022
Name P.S. Dubey Father/Husband U. Dubey
Department Security Age 39 Sex M Blood Group "B" (tve)
Relevant Personal History NO
Relevant Family History NO
Prelisting Disease if any NO

Physical Examination:

General Health OK
Weight 75 Abdomen Normal
B.P. 122/80 PLUS 82 CBG 115
Anemia NO
Jaundice NO
(Blood)
RH FACTOR Hb-14.2, Hc-65, Lf-31, Eo-03, Mo-01, Da-00, ESR-10, TC-7,600/cu
Chest ECG- Normal
CNS _____
Ear Both ears Hearing Sensitivity is normal
EYE Dist 6/6 e angle. No Hem. (man) cv Normal
Investigation (if any) _____
Further Advice _____

Checked by
Medical Officer



SHAKAMBHARI
GROUP

BRAVO SPONGE IRON PVT. LIMITED

Vill-Mahuda, PO-Rukni, Dist-Purulia (WB)

HEALTH CARD OF EMPLOYEE

Registration No. _____

Date: 10/03/2022

Name Bijoy Singh

Father/Husband Mr. Babu Singh

Department DRI

Age 44 Sex M Blood Group "O" (+ve)

Relevant Personal History NO

Relevant Family History NO

Prelisting Disease if any NO

Physical Examination:

General Health OK

Weight 56 kg

Abdomen Normal

B.P. 140/90

PLUS 77

CBG 110

Anemia No

Jaundice NO

(Blood)

HAEMATOLOGY Hb - 10.9, Wc - 73, LY - 22, Eo - 03, Mo - 02, Ba - 00, ESR - 30 mm, Tc - 7700 Jca

Chest ECG - Normal, X-ray - ct Retra. is increased.

CNS _____

Ear Both ears Hearing Sensitivity is normal

EYE Dist 6/6 No e glu men cv normal

Investigation (if any) _____

Further Advice _____

Checked by
Medical Officer





SHAKAMBHARI
GROUP

BRAVO SPONGE IRON PVT. LIMITED

VIII-Mahuda, PO-Rukni, Dist-Purulia (WB)

HEALTH CARD OF EMPLOYEE

Registration No. _____ Date: 10/03/22
 Name Rajesh Singh Father/Husband Santosh Singh
 Department DRI Age 41 Sex M Blood Group 'B' (+ve)
 Relevant Personal History NO
 Relevant Family History NO
 Prelisting Disease if any NO

Physical Examination:

General Health Good
 Weight 76kg Abdomen Soft
 B.P. 130/90 PLUS 86 CBG 135
 Anemia NO
 Jaundice NO
 (Blood)
 RH FACTOR Hb - 14.2, Ne - 66, Ly - 26, Eo - 06, Mo - 02, Ba - 00, ESR - 05 mm, TC - 7700/cu
 Chest ECU - Normal
 CNS _____
 Ear Both ear Hearing Sensitivity is normal
 EYE R/L 6/6 N.V. CV Normal
 Investigation (if any) _____
 Further Advice _____

Checked by
Medical Officer





SHAKAMBHARI
GROUP

BRAVO SPONGE IRON PVT. LIMITED

Vill-Mahuda, PO-Rukni, Dist-Purulia (WB)

HEALTH CARD OF EMPLOYEE

Registration No. _____ Date: 10/03/22

Name Hipen Bera Father/Husband Madhu Bera

Department Automobile Age 30 Sex M Blood Group "A" (+ve)

Relevant Personal History NO

Relevant Family History NO

Prelisting Disease if any NO

Physical Examination:

General Health Good

Weight 70 kg Abdomen Normal

B.P. 136/95 PLUS 80 CBG NO

Anemia NO

Jaundice NO

(Blood)
RHEFACTOR Hb-13.2, Ne-574-38, Eo-03, Mo-02, Ba-00, ESR-10mm, TC-9,100/cu

Chest Ech-Normal, Xray-Normal

CNS _____

Ear Both ears hearing Sensitivity is normal

EYE Dist 6/6 N6 Near EV Normal

Investigation (if any) _____

Further Advice _____

Checked by
Medical Officer





SHAKAMBHARI
GROUP

BRAVO SPONGE IRON PVT. LIMITED

Vill-Mahuda, PO-Rukni, Dist-Purulia (WB)

HEALTH CARD OF EMPLOYEE

Registration No. _____ Date: 10/03/2022
 Name Ranjit Bauri Father/Husband Chandrabas Bauri
 Department DRI (Process) Age 30 Sex M Blood Group "AB" (+ve)
 Relevant Personal History NO
 Relevant Family History NO
 Prelisting Disease if any NO

Physical Examination:

General Health Good
 Weight 65kg Abdomen Normal
 B.P. 125/90 PLUS 80 CBG 112
 Anemia NO
 Jaundice NO
 (Blood)
 RH FACTOR Hb-13.8, Hc-65, Lf-30, Eo-03, Mc-02, Ba-00, ESR-15mm, TC-8.600/cu
 Chest Ech - Normal, xray - Normal
 CNS _____
 Ear Both ears Heavy Sensitivity is normal
 EYE Dis 6/6 Hb near cv Normal
 Investigation (if any) _____
 Further Advice _____

Checked by
Medical Officer





SHIKAMBHARI
GROUP

BRAVO SPONGE IRON PVT. LIMITED

Vill-Mahuda, PO-Rukni, Dist-Purulia (WB)

HEALTH CARD OF EMPLOYEE

Registration No. _____ Date: 10/03/2022

Name Mahadeb Haide Father/Husband Sujat Haide

Department DRI (process) Age 40 Sex M Blood Group 'A' (tve)

Relevant Personal History NO

Relevant Family History NO

Prelisting Disease if any NO

Physical Examination:

General Health Good

Weight 62 kg Abdomen Normal

B.P. 120/90 PLUS 85 CBG 105

Anemia NO

Jaundice NO

(Blood)
RHE FACTOR Hb-11.3, NE-72, LY-21, E0-05, M0-02, Ba-00, ESR-20, TC-910/ku

Chest ECG - Normal, Xray - Normal

CNS _____

Ear Both Ear Hearing Sensitivity is normal

EYE Both eye 16 D plus Near cv Normal

Investigation (if any) _____

Further Advice _____

Checked by
Medical Officer





SHAKAMBHARI
GROUP

BRAVO SPONGE IRON PVT. LIMITED

Vill-Mahuda, PO-Rukni, Dist-Purulia (WB)

HEALTH CARD OF EMPLOYEE

Registration No. _____

Date: 10/03/2022

Name Ramakant Baccari Father/Husband Dhaldhineshwar

Department Automobile Age 27 Sex M Blood Group 'O' (+ve)

Relevant Personal History NO

Relevant Family History NO

Prelisting Disease if any NO

Physical Examination:

General Health Good

Weight ~~150~~ 58 kg Abdomen Normal

B.P. 135/90 PLUS 79 CBG 107

Anemia NO

Jaundice NO

(Blood) RHEFACTOR Hb-16.1 gm%, Ne-67, LY-29, EO-03, Mo-01, Ba-00, ESR-05mm, TC-12.100/cell

Chest ECG - Normal, X-ray CT scan by insurance

CNS _____

Ear Both ears Hearing Sensitivity is normal

EYE Dis 6/6 HG Norm. CV normal

Investigation (if any) _____

Further Advice _____

Checked by
Medical Officer





SHAKAMBHARI
GROUP

BRAVO SPONGE IRON PVT. LIMITED

Vill-Mahuda, PO-Rukni, Dist-Purulia (WB)

HEALTH CARD OF EMPLOYEE

Registration No. _____

Date: 10/03/2022

Name Sangib kr Singh Father/Husband S. P. Singh

Department CIP Age 40 Sex M Blood Group O(-negative)

Relevant Personal History No

Relevant Family History No

Prelisting Disease if any No

Physical Examination:

General Health OK (Good)

Weight 58 kg Abdomen Normal (Soft)

B.P. 128/86 PLUS 79 CBG 103

Anemia No

Jaundice No

~~RHEUMATOID~~ FACTOR Hb-149, Ne-71, Ly-23, Eo-04, Mo-02, Ba-00, ESR-05, TC-7000/24

Chest Ech Normal, xray- Normal

CNS _____

Ear Both ears Hearing Sensitivity is normal

EYE Dist @ 6/6 No New. ev Normal

Investigation (if any) _____

Further Advice _____

Checked by
Medical Officer





SHAKAMBHARI
GROUP

BRAVO SPONGE IRON PVT. LIMITED

Vill-Mahuda, PO-Rukni, Dist-Purulia (WB)

HEALTH CARD OF EMPLOYEE

Registration No. _____ Date: 10/03/2022
 Name Partha Maji Father/Husband Somen Maji
 Department CRP Age 28 Sex M Blood Group 'A' (+ve)
 Relevant Personal History NO
 Relevant Family History NO
 Prelisting Disease if any NO

Physical Examination:

General Health Good
 Weight 68 Abdomen Soft
 B.P. 125/90 PLUS 75 CBG 112
 Anemia NO
 Jaundice NO

(Blood)
 RHEFACTOR Hb-14.2, Ne-63, LY-34, Eo-02, Mo-01, Ba-00, ESR-05, TC-6.200/cu

Chest _____

CNS _____

Ear Both ears Hearing Sensitivity is normal

EYE _____

Investigation (if any) _____

Further Advice _____

Checked by
Medical Officer





SHAKAMBHARI
GROUP

BRAVO SPONGE IRON PVT. LIMITED

Vill-Mahuda, PO-Rukni, Dist-Purulia (WB)

HEALTH CARD OF EMPLOYEE

Registration No. _____

Date: 10/03/2022

Name Dimesh yadar Father/Husband Kamarnad yadar

Department Greene operator Age 32 Sex Blood Group "O" (+ve)

Relevant Personal History NO

Relevant Family History NO

Prelisting Disease if any NO

Physical Examination:

General Health OK

Weight 56 kg Abdomen Normal

B.P. 120/85 PLUS 86 CBG 115

Anemia NO

Jaundice NO

(Blood) ~~BI~~FACTOR Hb-12.1, Ne-56, EY-34, EO-07, MC-03, Ba-00, ESR-20, Tc-7200/cu

Chest ECG - Normal, X-ray - Normal

CNS _____

Ear Both ears Hearing Sensitivity is normal

EYE 6/6 Distur eye flu. No Man or glauc

Investigation (if any) _____

Further Advice _____

Checked by
Medical Officer





SHAKAMBHARI
GROUP

BRAVO SPONGE IRON PVT. LIMITED

Vill-Mahuda, PO-Rukni, Dist-Purulia (WB)

HEALTH CARD OF EMPLOYEE

Registration No. _____ Date: 16/03/2022

Name Aboni Mahato Father/Husband Mathan Chandra Mahato

Department _____ Age 35 Sex M Blood Group 'B' (ve)

Relevant Personal History No

Relevant Family History No

Prelisting Disease if any No

Physical Examination:

General Health Good

Weight 65 Abdomen Normal

B.P. 135/95 PLUS 80 CBG 112

Anemia No

Jaundice No

(Blood) TE-8.100/cu
 RHEFACTOR Hb-14.1, Ne-65, Ly-31, Eo-02, Mo-02 Ba-00, ESR- 05

Chest _____

CNS _____

Ear _____

EYE Dm 6/6 No Near. CV Normal

Investigation (if any) _____

Further Advice _____

Checked by
Medical Officer





SHAKAMBHARI
GROUP

BRAVO SPONGE IRON PVT. LIMITED

Vill-Mahuda, PO-Rukni, Dist-Purulia (WB)

HEALTH CARD OF EMPLOYEE

Registration No. _____

Date: 10/03/2022

Name Dipala Singh

Father/Husband Ranjeet Singh

Department DRI

Age 43 Sex M Blood Group O(+ve)

Relevant Personal History No

Relevant Family History No

Prelisting Disease if any No

Physical Examination:

General Health OK

Weight 56 kg

Abdomen Normal

B.P. 125/85

PLUS 78

CBG 115

Anemia No

Jaundice No

(Blood)

RH FACTOR Hb-14.4, Ht-61, Lf-32, Fc-06, Mc-01, Ba-00, ESR-10, Tc-6000/L4

Chest Xray - Normal

CNS _____

Ear Both ears hearing sensitivity is normal

EYE _____

Investigation (if any) _____

Further Advice _____

Checked by
Medical Officer





SHAKAMBHARI
GROUP

BRAVO SPONGE IRON PVT. LIMITED

Vill-Mahuda, PO-Rukni, Dist-Purulia (WB)

HEALTH CARD OF EMPLOYEE

Registration No. _____

Date: 10/03/2022

Name Santu Aghori Father/Husband Pratap Aghori

Department Auto mobile Age 33 Sex M Blood Group 'A' (+ve)

Relevant Personal History No

Relevant Family History No

Prelisting Disease if any No

Physical Examination:

General Health OK

Weight 67kg Abdomen Normal

B.P. 123/75 PLUS 82 CBG 122

Anemia No

Jaundice No

(Blood)
RH FACTOR Hb-14.2, Hc-60, LY-27, EC-12, Ne-01, Ba-00, ESR-05mm, Te-7, 200/CF

Chest Ech - Normal, xray - Normal

CNS _____

Ear Both ears Hearing Sensitivity is normal

EYE Dis 0/6 Hm CV normal

Investigation (if any) _____

Further Advice _____

Checked by
Medical Officer





SHAKAMBHARI
GROUP

BRAVO SPONGE IRON PVT. LIMITED

Vill-Mahuda, PO-Rukni, Dist-Purulia (WB)

HEALTH CARD OF EMPLOYEE

Registration No. _____ Date: 10/03/2022

Name R.R. Pathak Father/Husband _____

Department DRI Age 42y Sex M Blood Group "O" (+ve)

Relevant Personal History NO

Relevant Family History NO

Prelisting Disease if any NO

Physical Examination:

General Health Good

Weight 76kg Abdomen Soft

B.P. 135/90 PLUS 82 CBG 138

Anemia No

Jaundice No

~~RH FACTOR~~ Hb-14.2, NE-56, LY-35, EO-08, MO-01, Ba-00, ESR-10mm, Tc-7000/cu

Chest ECG - Normal

CNS _____

Ear Both ears Hearing Sensitivity is normal

EYE Rx/6/6 NCE Jm. EV Normal.

Investigation (if any) _____

Further Advice _____

Checked by
Medical Officer



Annexure-13



(http://www.technoglobalthospital.com)

আজকাল

কলকাতা শনিবার ৭ নভেম্বর, ২০২০

(http://www.aajkaal.in)



(http://www.technoglobalthospital.com)

f Share Tweet (https://twitter.com/share) + -

ফর্ম নং - আইএসি-২০৫
 পাবলিক কোম্পানি থেকে আইডেট কোম্পানিতে পরিবর্তন উপলক্ষে সাবস্ক্রিপশন বিজ্ঞপন প্রকাশ
রিজিষ্টার্ড অফিস, ইন্টার রিজিডন, কর্পোরেট বিল্ডিং
মহল, কলকাতা সমীপে
 কোম্পানি আইন, ২০১৩, কোম্পানি আইন ২০১৩-এর ১৪ ধারা এবং
 কোম্পানি (ইনকর্পোরেশন) কনস, ২০১৪-এর সেক ৪১ অনুসারে, বিপরীতে সি ইন্ডাস্ট্রিয়াল ব্যাসেস লিমিটেড, রেজিষ্টার্ড অফিস: ১৫, গণেশচন্দ্র আর্টিনসি, কলকাতা- ৭০০ ০১৩
 ... আবেদনকারী
 এতদ্বারা জনসাধারণের প্রতি বিজ্ঞপ্তি জারি করা হচ্ছে যে, পাবলিক কোম্পানি থেকে আইডেট কোম্পানিতে রূপান্তর উদ্দেশ্যে ৩ নভেম্বর, ২০২০ তারিখে বিশেষ সভায় সভাপতিত্ব করে গৃহীত বিশেষ প্রস্তাব অনুযায়ী কোম্পানির সন্যাসকারের রূপান্তর অনুমোদন প্রার্থনা করে কোম্পানি আইন ২০১৩-এর ১৪ ধারা অনুসারে কোম্পানি সন্যাসকার-এর কাছে স্মারিত কোম্পানি একটি আবেদন করার প্রস্তাব করেছে।
 কোম্পানির রেজিষ্টার্ড অফিসের প্রস্তাবিত ট্রাস্ট পরিবর্তনের ফলে স্বর্ষ সুর হওয়ার সম্ভাবনা আছে এমন কোনও ব্যক্তি এই বিজ্ঞপ্তি প্রকাশের তারিখ থেকে ত্রয়োদশ দিনের মধ্যে রিজিষ্টার্ড অফিস, ইন্টার রিজিডন, ২০৫, এ জে সি লেন রোড, নিয়াম প্যালেস, II এমএস ও সিসি, ৪র্থ তল, কলকাতা-৭০০০২০-এর কাছে তার বিরোধিতার কারণ উল্লেখ করে একটি হালফনামা দাখিল করে আবেদন করে, রেজিষ্টার্ড অফিসের কাছে পৌঁছে যাবে, তৎসঙ্গে নিজে স্বাক্ষরিত হালফনামা দাখিল করে, আবেদনকারী কোম্পানির কাছে একটি কপি পঠাতে পারবে।
আবেদনকারী: সি ইন্ডাস্ট্রিয়াল ব্যাসেস লিমিটেড
পক্ষে
স্বাঃ হেডকোয়ার্টার
রিজিষ্টার্ড
 তারিখ: ০৬.১১.২০২০
 স্থান: কলকাতা
DIN: 01417829
 রেজিষ্টার্ড অফিসের সম্পূর্ণ ঠিকানা:
 ১৫, গণেশচন্দ্র আর্টিনসি, কলকাতা- ৭০০ ০১৩

সংশোধনী
 তুলক্রমে এই পত্রিকায়
 ০৬.১১.২০২০ তারিখে স্বামী ট্রেডিং
 কোম্পানি লিমিটেড (CIN:
U01409WB1980PTC195437)-
 এর বিজ্ঞাপন কনসোলিডেটেড ফটো
 অ্যান্ড ফিনভেস্ট লিমিটেড (CIN:
U65993DL1996PLC081586)-এর
 নামে প্রকাশিত হয়েছিল। দয়া করে
 বিজ্ঞাপনের নাম কনসোলিডেটেড ফটো
 অ্যান্ড ফিনভেস্ট লিঃ-এর স্থানে স্বামী
 ট্রেডিং কোম্পানি লিমিটেড পড়তে হবে।
 অসুবিধার জন্য দুঃখিত।

বিএমডব্লু ইন্ডাস্ট্রিজ লিমিটেড
 রেজিষ্টার্ড অফিস: ১১১, পার্ক স্ট্রিট, হোমহাট
 হাটস, ৪র্থ তল, কলকাতা- ৭০০ ০১৬
 টেলি: ০৩৩-৪০০১২১০৪, ০৩৩২২২৬৮৮২
 ইমেইল: info@bmvil.co.in
 Website: www.bmvil.co.in
 CIN: L51109WB1981PLC034212
বিজ্ঞপ্তি
 সিকিউরিটিজ অ্যান্ড এক্সচেঞ্জ বোর্ড অফ ইন্ডিয়া (সিটিং
 অবলিগেশনস অ্যান্ড ডিসকোজার রিকায়ারমেন্টস)
 রেগুলেশন ২০১৪ (সিটিং রেগুলেশনস)
 রেগুলেশন ২১ এবং সূচী-৩-এর অংশ ক অনুযায়ী
 বিজ্ঞপ্তি প্রদান করা হচ্ছে যে, কোম্পানির দ্বিতীয়
 হেমাসিক এবং বাস্তবিক সমাপ্ত ৩০শে সেপ্টেম্বর,
 ২০২০ সময়ের অপূর্ণীকৃত একক এবং একীকৃত
 অর্থিক ফলাফল বিবেচনা ও অনুমোদনের জন্য
 কোম্পানির পরিচালন পর্ষদের একটি সভা কোম্পানির
 রেজিষ্টার্ড অফিস: হোমহাট হাটস, ১১১, পার্ক স্ট্রিট,
 ৪র্থ তল, কলকাতা- ৭০০ ০১৬-তে ডরুবার, ১৩
 নভেম্বর, ২০২০ তারিখে অনুষ্ঠিত হবে।
 বোর্ডের আদেশানুসারে
বিএমডব্লু ইন্ডাস্ট্রিজ লিমিটেডের পক্ষে
স্বাঃ বিক্রম কাপুর
 তারিখ: ৬ নভেম্বর, ২০২০ কোম্পানি সেক্রেটারি
 স্থান: কলকাতা AcS No: A9812

প্রকাশ্য বিজ্ঞপ্তি
 এতদ্বারা এই নোটিস জারি করা হচ্ছে যে, **পশ্চিমবঙ্গ**
রাজ্য থেকে ন্যায়ালয় কার্পিটাল টেরিটরি অফ দিল্লি-৩
 রেজিষ্টার্ড অফিস স্থানান্তর নিশ্চিতকরণের জন্য **নিয়াম প্যালেস**
ট্রেডিং এলএলপি দ্বারা রেজিষ্টারের অফিসে লিমিটেড
 লায়সেন্সি পটেনারশিপ আইন, ২০০৮-এর ১৩ নং
 ধারাবাহীনে একটি নোটিস প্রদানের হবে।
 রেজিষ্টার্ড অফিস পশ্চিমবঙ্গ রাজ্য থেকে ন্যায়ালয়
 কার্পিটাল টেরিটরি অফ দিল্লি-৩ে স্থানান্তরের উক্ত
 প্রক্রিয়ায় কার্যে স্বর্ষ সুর হওয়ার সম্ভাবনা থাকলে যে
 কোনও ব্যক্তি এই বিজ্ঞপ্তি সাবস্ক্রিপশন প্রকাশিত হওয়ার
 তারিখ থেকে ২১ দিনের মধ্যে তাঁর (পু/ স্ত্রী) স্বার্থের
 বহন ও বিরোধিতার কারণ উল্লেখ করে রেজিষ্টারের কাছে
 লিখিতভাবে জানান এবং এর একটি কপি অস্বাক্ষরিত
 হালফনামা দাখিল করে, রেজিষ্টারের কাছে পৌঁছে যাবে।
 রেজিষ্টার অফিসের ঠিকানা: ৩৫, আর কে চ্যাটার্জি রোড,
 কলকাতা-৭০০০২১।
নিয়াম প্যালেস ট্রেডিং এলএলপি-এর হারফে
স্বাঃ- বিজয় মোহিত
বেডি কর্পোরেট
জিপি নথিনি
 তারিখ: ০৬.১১.২০২০
 স্থান: কলকাতা
 ডিআইএন: 08413323

NOTICE
 My client Banibrata Sanyal died intestate on 23rd July 2016 leaving behind her sister Sovona Chakraborty as his sole legal heir in respect of one residential Flat being No C/4 on the 4th Floor of the Building known as "REVATI" having measurement of 1280 sq. ft. Super built up area more or less within Neelachal Abasan Co-operative Society Ltd situated at premises no 98, Rajdanga Gold Park, Kolkata- 700107, Police Station Kasba, within the Kolkata Municipal Corporation, District-South 24 Parganas and the said Sovona Chakraborty died intestate on 10th August 2019 leaving behind her only daughter Mrs Sreeparna Chakraborty (Sengupta) as her sole legal heir. If any person has any claim of any nature in the said property please claim with documents within 15 days from this publication under my address otherwise it shall be deemed to have no claim of any nature the above said property.
Anirban Gope, Advocate
 22, R.N. Mukherjee Road, 4th Floor
 Kolkata- 700057

প্রকাশ্য বিজ্ঞপ্তি
 এতদ্বারা এই নোটিস জারি করা হচ্ছে যে, **পশ্চিমবঙ্গ**
রাজ্য থেকে ন্যায়ালয় কার্পিটাল টেরিটরি অফ দিল্লি-৩
 রেজিষ্টার্ড অফিস স্থানান্তর নিশ্চিতকরণের জন্য **নিয়াম**
প্যালেস ট্রেডিং এলএলপি দ্বারা রেজিষ্টারের অফিসে লিমিটেড
 লায়সেন্সি পটেনারশিপ আইন, ২০০৮-এর ১৩ নং
 ধারাবাহীনে একটি নোটিস প্রদানের হবে।
 রেজিষ্টার্ড অফিস পশ্চিমবঙ্গ রাজ্য থেকে ন্যায়ালয়
 কার্পিটাল টেরিটরি অফ দিল্লি-৩ে স্থানান্তরের উক্ত
 প্রক্রিয়ায় কার্যে স্বর্ষ সুর হওয়ার সম্ভাবনা থাকলে যে
 কোনও ব্যক্তি এই বিজ্ঞপ্তি সাবস্ক্রিপশন প্রকাশিত হওয়ার
 তারিখ থেকে ২১ দিনের মধ্যে তাঁর (পু/ স্ত্রী) স্বার্থের
 বহন ও বিরোধিতার কারণ উল্লেখ করে রেজিষ্টারের কাছে
 লিখিতভাবে জানান এবং এর একটি কপি অস্বাক্ষরিত হালফনামা

বিজ্ঞপ্তি
 সকলকে জানানো যাইতেছে যে, আমরা
ব্রাহ্মো স্পঞ্জ আয়রন প্রাঃ লিঃ, পরিবেশ
বন ও জলবায়ু পরিবর্তন মন্ত্রণালয়,

শর্পার এলএলপি-এর নিম্নলিখিত রেজিষ্টার্ড অফিসের
টিকানা গুপে করতে হবে:
 রেজিষ্টার্ড অফিসের ঠিকানা: ৩৫, আর কে চ্যাটার্জি রোড,
 কলকাতা-৭০০০৪২।

প্রায়শঃ শর্পার এলএলপি-এর হারফ
স্বাঃ- কোডিত সূচাঙ্ক
বাঃ- কোডিত সূচাঙ্ক
বেডি কর্পোরেট
ডিপি নম্বনি

তারিখ: ০৬.১১.২০২০
 স্থান: কলকাতা
 ডিআইএন: ৪৩৫৭০৬৫২

ভারত সরকার হইতে পঃ বঃ রাজ্যের
পুরুলিয়া জেলার গ্রাম-মহুদা, পোঃ
কুকনি, সম্প্রসারণ করিয়া বাৎসরিক
পেলেট প্লান্ট আরকড গ্রাইনডিং
ফেসিলিটি সহযোগে (২ x ০.৮৫
MTPA), স্পঞ্জ আয়রন প্লান্ট (১ x
৩৫০ TPD ক্লিন), ইন্ডাকসন
ফারনেসের (৩ x ২৫ টি), ক্যাপাসিটি
রিভিশন অনুমোদিত ৬০০ TPD হইতে
১০০০ TPD রোলিং মিল সঙ্গে ৭ MW
কমতা সম্পন্ন ক্যাপিটিভ পাওয়ার প্লান্ট
(WHRR ভিত্তিক ইউটিলাইজিং ওয়েস্ট
হিট হইতে প্রস্তুত স্পঞ্জ প্লান্ট) এবং
প্রোডিউসার গ্যাস প্লান্ট (১২ x ৪০০০
Nm3/hr) উৎপাদন প্লান্ট স্থাপনে
অনুমতি পাইয়াছি, মেমো নং. F. No. J-
11011/758 / 2009-IA.II(1) তাং
০৫.১১.২০২০ আমরা সকলের
সহযোগিতা কামনা করিতেছি।

ব্রাতো স্পঞ্জ আয়রন প্রাঃ লিঃ
Sd/-

প্রকাশ্য বিজ্ঞপ্তি

এতদ্বারা এই নোটিস জারি করা হচ্ছে যে, পশ্চিমবঙ্গ রাজ্য থেকে ন্যাশনাল কার্পিটাল টেক্সটাইল অফ মিলিং-তে রেজিষ্টার্ড অফিস স্থানান্তর নিশ্চিতকরণের জন্য গোষ্ঠীস্বত্ব শর্পার এলএলপি দ্বারা রেজিষ্টার্ড অফিসে লিমিটেড পার্টনারশিপ আই, ২০০৮-এর ১৫ নং ধারায় একটি নোটিস প্রদানের হবে।

রেজিষ্টার্ড অফিস পশ্চিমবঙ্গ রাজ্য থেকে ন্যাশনাল কার্পিটাল টেক্সটাইল অফ মিলিং-তে স্থানান্তরের উক্ত প্রস্তাবে করণ স্বার্থ ক্ষুণ্ণ হওয়ার সম্ভাবনা থাকলে যে কোনও ব্যক্তি এই বিজ্ঞপ্তি প্রকাশের অবশিষ্ট হওয়ার তারিখ থেকে ২১ দিনের মধ্যে তাঁর (সুঃ স্ত্রী) স্বার্থের ধরন ও বিরোধিতার কারণ উল্লেখ করে রেজিষ্টার্ড অফিসে লিখিতভাবে জানান এবং একই কপি অংশই গোষ্ঠীস্বত্ব শর্পার এলএলপি-এর নিম্নলিখিত রেজিষ্টার্ড অফিসের টিকানা গুপে করতে হবে:

রেজিষ্টার্ড অফিসের ঠিকানা: ৩৫, আর কে চ্যাটার্জি রোড, কলকাতা-৭০০০৪২।

গোষ্ঠীস্বত্ব শর্পার এলএলপি-এর হারফ
স্বাঃ- পশু কুমার মহম্মদিয়া
বাঃ- বেডি কর্পোরেট
ডিপি নম্বনি

তারিখ: ০৬.১১.২০২০
 স্থান: কলকাতা
 ডিআইএন: ৪২৯১২৩৩৭

ফর্ম নং- আই এন সি-২৩
কোম্পানি (ইনকর্পোরেশন) রুলস, ২০১৪-এর রুল
৩০ অনুযায়ী

এক ব্যক্তি থেকে অন্য ব্যক্তি কোম্পানির রেজিষ্টার্ড অফিস পরিবর্তন উপলক্ষে সংশ্লিষ্ট বিজ্ঞপ্তি প্রকাশ

রিজিষ্টার্ড অফিস, ইন্টার্ন রিজিডেন্স, কলকাতা সর্দীসে কোম্পানি আইন, ২০১৩-এর ১৪ ধারা (৪) উপধারা অনুসারে এবং কোম্পানি (ইনকর্পোরেশন) রুলস, ২০১৪-এর রুল ৪০-এর সাব-রুল (৪) উপধারার রুল (৪) অনুযায়ী

এং

নিম্নোক্ত সম্পর্কে: ইমেজ ক্রিস্টেন শার্ভিস প্রাইভেট লিমিটেড (CIN: U17122WB2008PTC123209), রেজিষ্টার্ড অফিস: ৪১/১বি, হরসহায় গে পেন, ২য় তল, ঢাকা পল্লী নিকটে, কলকাতা-৭০০ ০০৭, পশ্চিমবঙ্গ

...আবেদনকারী

এতদ্বারা জনসাধারণের অতি বিজ্ঞপ্তি জারি করা হচ্ছে যে, 'পশ্চিমবঙ্গ রাজ্য' থেকে 'কলকাতা রাজ্যে' রেজিষ্টার্ড অফিস স্থানান্তরের উদ্দেশ্যে ৬ অক্টোবর, ২০২০ তারিখে অনুষ্ঠিত বিশেষ সাধারণ সভায় পূর্বাভাসিতভাবে অনুমোদিত কোম্পানির সন্মতিক্রমের প্রস্তাবের অনুমোদন প্রার্থনা করে কোম্পানি আইন, ২০১৩-এর ১৪ ধারা অনুসারে কোম্পানি সরকার-এর কাছে সংশ্লিষ্ট কোম্পানি একটি আবেদন করার প্রস্তাব করেছে।

কোম্পানির রেজিষ্টার্ড অফিসের প্রস্তাবিত পরিবর্তনের ফলে স্বার্থ ক্ষুণ্ণ হওয়ার সম্ভাবনা আছে এমন কোনও ব্যক্তি এই বিজ্ঞপ্তি প্রকাশের তারিখ থেকে ১৪ (চৌদ্দ) দিনের মধ্যে এমসিএ-২১ পোর্টাল (www.mca.gov.in)-এ নিম্নোক্ত কমেইনে ফর্ম পূরণ করে অথবা রেজিষ্টার্ড অফিসে লিখিতভাবে বিশেষ বিজ্ঞপ্তি জারি করে, ইন্টার্ন রিজিডেন্স, ২৩৪বি, ম্যাডার্ন স্ট্রীট, ৩য় তল, কলকাতা-৭০০ ০২০-এর কাছে তাঁর/তাদের (সুঃ স্ত্রী) স্বার্থের ধরন এবং বিরোধিতার কারণ উল্লেখ করে একটি হালফনামা দ্বারা সমর্থিত আপত্তিসমূহ পাঠাতে পারেন, তৎসহ ওপরে বর্ণিত টিকানাতে অবস্থিত অফিসে, আবেদনকারী কোম্পানির কাছেও একটি কপি পাঠাতে পারেন। যার টিকানা- রেজিষ্টার্ড অফিস- ৪১/১বি, হরসহায় গে পেন, ২য় তল, ঢাকা পল্লী নিকটে, কলকাতা-৭০০ ০০৭, পশ্চিমবঙ্গ

আবেদনকারী
ইমেজ ক্রিস্টেন শার্ভিস প্রাইভেট লিমিটেড-এর পক্ষে
স্বঃ মনোজ কুমার তৈয়ম
ডিরেক্টর

তারিখ: ০৭.১১.২০২০
 স্থান: কলকাতা
 DIN: ৪১৪৩৪৫৪৪

প্রকাশ্য বিজ্ঞপ্তি

লিমিটেড লাইবেরেলিটি পার্টনারশিপ রুলস ২০১৭,
রুল ১৭ (৪) অনুযায়ী।

এলএলপি-এর রেজিষ্টার্ড অফিস এক ব্যক্তি থেকে অন্য ব্যক্তি স্থানান্তরের উদ্দেশ্যে সংবাদপত্রে বিজ্ঞপ্তি প্রকাশ

সম্পর্কিত: গুয়াডারফুল ডিলার এলএলপি (LLP:AAI-8257) যার রেজিষ্টার্ড অফিস প্রায়শঃ পেশকাল কাছেরী, ঘর নং ৪৫, ভূপেন্দ্র বোস আর্কিটেক্সট, ফ্লাট ২ বি, ৩য় তল, কলকাতা-৭০০ ০০৪

জনসাধারণকে এতদ্বারা বিজ্ঞপ্তি প্রদান করা হচ্ছে যে, এল এল পি লিমিটেড লাইবেরেলিটি পার্টনারশিপ আই ২০০৮ সেকশন ১৩ (৪) অনুযায়ী তাদের রেজিষ্টার্ড অফিস 'পশ্চিমবঙ্গ রাজ্য' থেকে 'আসাম রাজ্যে' স্থানান্তরের জন্য রেজিষ্টার্ড অফিসে একটি আবেদন জমা করার প্রস্তাব করেছে।

এলএলপি-এর প্রস্তাবিত পরিবর্তনের ফলে স্বার্থ ক্ষুণ্ণ হওয়ার সম্ভাবনা আছে এমন কোনও ব্যক্তি এই বিজ্ঞপ্তি প্রকাশের তারিখ থেকে ২১ (একুশ) দিনের মধ্যে রেজিষ্টার্ড অফ কোম্পানি, নিজাম প্যালেস, ২য় এম এম ও বিল্ডিং, ৩য় তল, ২৩৪বি, এ জে সি বোস রোড, কলকাতা-৭০০ ০২০-এর কাছে তাদের স্বার্থের ধরন এবং বিরোধিতা উল্লেখ করে হালফনামা সহ সমর্থিত আপত্তিসমূহ পাঠাতে পারেন তৎসহ নীচে বর্ণিত টিকানাতে এলএলপি-এর অফিসে পাঠাতে পারেন।

গুয়াডারফুল ডিলার এলএলপি
প্রায়শঃ পেশকাল কাছেরী, ঘর নং ৪৫ ভূপেন্দ্র বোস
আর্কিটেক্সট, ফ্লাট ২ বি, ৩য় তল,
কলকাতা-৭০০ ০০৪

গুয়াডারফুল ডিলার এল এল পি-এর পক্ষে
স্বাঃ/

প্রদীপকুমার আদরওয়াল
মনোনীত অংশীদার
DPIN: ৪১৪৬১৩৯২

তারিখ: ০৬.১১.২০২০
 স্থান: কলকাতা

ফর্ম নং- আই এন সি-২৫এ

কেন্দ্রীয় সরকার, রিজিওনাল ডিরেক্টর, ইন্টার্ন রিজিডেন্স, কর্পোরেট বিহাট মল্লভ, কলকাতা সর্দীসে কোম্পানি আইন, ২০১৩, কোম্পানি আইন ২০১৩-এর ১৪ ধারা এং

কোম্পানি (ইনকর্পোরেশন) রুলস, ২০১৪-এর রুল ৪১ অনুসারে

বিষয়: **নীতাজ টেকনোসফট লিমিটেড, রেজিষ্টার্ড**
অফিস: ৫ এক, এডারেস্ট, ৪৬/বি, জেটিস রোড,
কলকাতা- ৭০০ ০৭২, পশ্চিমবঙ্গ

... আবেদনকারী

এতদ্বারা জনসাধারণের অতি বিজ্ঞপ্তি জারি করা হচ্ছে যে, পাবলিক কোম্পানি থেকে প্রাইভেট কোম্পানিতে রূপান্তর উদ্দেশ্যে ৩০ অক্টোবর, ২০২০ তারিখে বিশেষ সাধারণ সভায় পূর্বাভাসিত বিশেষ প্রস্তাব অনুযায়ী কোম্পানির সন্মতিক্রমের প্রস্তাবের অনুমোদন প্রার্থনা করে কোম্পানি আইন ২০১৩-এর ১৪ ধারা অনুসারে কেন্দ্রীয় সরকার-এর কাছে সংশ্লিষ্ট কোম্পানি একটি আবেদন করার প্রস্তাব করেছে।

কোম্পানির রেজিষ্টার্ড অফিসের প্রস্তাবিত ঠিকানা পরিবর্তনের ফলে স্বার্থ ক্ষুণ্ণ হওয়ার সম্ভাবনা আছে এমন কোনও ব্যক্তি এই বিজ্ঞপ্তি প্রকাশের তারিখ থেকে চৌদ্দো দিনের মধ্যে রিজিওনাল ডিরেক্টর, ইন্টার্ন রিজিডেন্স, ২৩৪, এ জে সি বোস রোড, নিজাম প্যালেস, II এমএস ও বিল্ডিং, ৪র্থ তল, কলকাতা-৭০০০২০-এর কাছে তাঁর/তাদের (সুঃ স্ত্রী) স্বার্থের ধরন এবং বিরোধিতার কারণ উল্লেখ করে একটি হালফনামা দ্বারা সমর্থিত আপত্তিসমূহ রেজিষ্টার্ড অফিসে পাঠাতে পারেন, তৎসহ নীচে বর্ণিত টিকানাতে অবস্থিত অফিসে, আবেদনকারী কোম্পানির কাছেও একটি কপি পাঠাতে পারেন।

প্রকাশ্য বিজ্ঞপ্তি

লিমিটেড লাইবেরেলিটি পার্টনারশিপ রুলস
২০১৭, রুল ১৭ (৪) অনুযায়ী।

এলএলপি-এর রেজিষ্টার্ড অফিস এক ব্যক্তি থেকে অন্য ব্যক্তি স্থানান্তরের উদ্দেশ্যে সংবাদপত্রে বিজ্ঞপ্তি প্রকাশ

সম্পর্কিত: **নাইটসেল ডিনকম এলএলপি**
(LLP:AAI-8267) যার রেজিষ্টার্ড অফিস
প্রায়শঃ পেশকাল কাছেরী, ঘর নং ৪৫, ভূপেন্দ্র বোস
আর্কিটেক্সট, ফ্লাট ২ বি, ৩য় তল, কলকাতা-৭০০ ০০৪

জনসাধারণকে এতদ্বারা বিজ্ঞপ্তি প্রদান করা হচ্ছে যে, এল এল পি লিমিটেড লাইবেরেলিটি পার্টনারশিপ আই ২০০৮ সেকশন ১৩ (৪) অনুযায়ী তাদের রেজিষ্টার্ড অফিস 'পশ্চিমবঙ্গ রাজ্য' থেকে 'আসাম রাজ্যে' স্থানান্তরের জন্য রেজিষ্টার্ড অফিসে একটি আবেদন জমা করার প্রস্তাব করেছে।

এলএলপি-এর প্রস্তাবিত পরিবর্তনের ফলে স্বার্থ ক্ষুণ্ণ হওয়ার সম্ভাবনা আছে এমন কোনও ব্যক্তি এই বিজ্ঞপ্তি প্রকাশের তারিখ থেকে ২১ (একুশ) দিনের মধ্যে রেজিষ্টার্ড অফ কোম্পানি, নিজাম প্যালেস, ২য় এম এম ও বিল্ডিং, ৩য় তল, ২৩৪বি, এ জে সি বোস রোড, কলকাতা-৭০০ ০২০-এর কাছে তাদের স্বার্থের ধরন এবং বিরোধিতা উল্লেখ করে হালফনামা সহ সমর্থিত আপত্তিসমূহ পাঠাতে পারেন তৎসহ নীচে বর্ণিত টিকানাতে এলএলপি-এর অফিসে পাঠাতে পারেন।

নাইটসেল ডিনকম এলএলপি

প্রযুক্তি বেরকরণ ক্যাফেই, ধর নং ৫৫ কুপের বোস
 অ্যাডিনিউ, স্টাট ২বি, ৫য় তল, কলকাতা-৭০০ ০০৪
 মাইটেক্স ডিমকম এল এল পি-এর পক্ষে
 বাই/
 ইশাঙ্ক আগরওয়াল
 তারিখ: ০৭.১১.২০২০ মনোনীত অংশীদার
 স্থান: কলকাতা DPIN: ০৩৪৪২০৬৬

পারেন।
 রেজিস্টার্ড অফিসের ঠিকানা: ৫ এফ, এডারেস্ট, ৪৬/সি,
 সেরিগি রোড, কলকাতা- ৭০০ ০৭১, পশ্চিমবঙ্গ
 আবেদনকারী: নটরাজ টেকনোসফট লিমিটেড-এর
 পক্ষে
 বাঃ অনিল কুমার আগরওয়াল
 তারিখ: ০৭.১১.২০২০ ম্যানোজিং ডিরেক্টর
 স্থান: কলকাতা DIN: ০০৪৭৬২৪

Open A Zero Bal Account Online

ৱেবসাইট: Kotak ৪১১

Blazing Fast VPN

ৱেবসাইট: NordVPN

Online Cake Delivery

ৱেবসাইট: Wined

FINANCIAL EXPRESS

NOTICE
We, Brave Sponges Iron Pvt. Ltd. would like to inform everyone that we have obtained permission (EC) for setting up temporary expansion of the Plant Plant by installation of Pellet Mill...

PSI LIMITED
Notice
Pursuant to Regulation 33 of the SEBI (Listing Obligations and Disclosure Requirements) Regulations, 2015...

DYNAMIC MICROSTEPS LIMITED
Notice
The Board of Directors of Dynamic Microsteps Limited has resolved to appoint Mr. J. J. Morison as the Director of the Company...

TATA
TATA STEEL LIMITED
Registered Office: Bombay House, 24, Hornby Road, Fort, Mumbai - 400 001, India
Notice
A meeting of the Board of Directors of Tata Steel Limited (the 'Company') will be held on Friday, November 13, 2020...

MRVL
MANDHANA RETAIL VENTURES LTD.
THE MANDHANA RETAIL VENTURES LIMITED
Registered Office: Plot No. E-132, MIDC Tampur Industrial Area, Bolisar, Dist. Palghar - 401506

Extract of Unaudited Financial Results for the Quarter ended 30th June, 2020

Table with 5 columns: Sr. No., Particulars, Quarter ended 30.06.2020, Quarter ended 30.06.2019, Year ended 31.03.2020. Rows include Total Income from Operations, Net Profit (Loss) for the period, Total Comprehensive Income, etc.

HOME CREDIT
Home Credit India Finance Private Limited
Unaudited financial results for the six month ended September 30, 2020

Tata Steel Limited
Sd/-
Parvatheswar Kancharandam
Company Secretary & Chief Legal Officer (Corporate & Compliance)

J. J. Morison (India) Limited
Notice of 37th Annual General Meeting
Remotely-held Meeting and Book Closure
Pursuant to the provisions of Section 108 of the Companies Act, 2013 and Rule 20 of the Companies (Management and Administration) Rules, 2014...

Table with 5 columns: Sr. No., Particulars, Half year ended 30 September 2020, Half year ended 30 September 2019, Year ended 31 March 2020. Rows include Total income from operations, Net profit for the period, Total comprehensive income, etc.

By Order of the Board of Directors
FOR THE MANDHANA RETAIL VENTURES LIMITED
Sd/-
PRIYAVRAT P. MANDHANA
EXECUTIVE DIRECTOR

ARTEMIS HOSPITALS
ARTHEMIS MEDICARE SERVICES LIMITED
Plot No.14, Sector 20, Dwarka, South West Delhi, Delhi- 110075
Ph: +91-124-4511111; Fax: +91-124-4588899

EXTRACT OF CONSOLIDATED FINANCIAL RESULTS FOR THE QUARTER AND HALF YEAR ENDED SEPTEMBER 30, 2020

Table with 5 columns: Sr. No., Particulars, Quarter ended 30-Sep-20, Half Year ended 30-Sep-20, Year ended 31-Mar-2020. Rows include Total Income from Operations, Net Profit (Loss) for the period, Total Comprehensive Income, etc.

Notes:
The key stand-alone financial information of the Company is as under:
Table with 5 columns: Sr. No., Particulars, Quarter ended 30-Sep-20, Half Year ended 30-Sep-20, Year ended 31-Mar-2020. Rows include Total Income from Operations, Net Profit (Loss) for the period before tax, etc.

The above is an extract of the detailed format of unaudited financial results filed with the Stock exchanges under Regulation 33 of the SEBI (Listing Obligations and Disclosure Requirements) Regulations, 2015.

For The Shipping Corporation of India Ltd
Mrs. H. K. Joshi
Chairperson & Managing Director & Director (Finance) Add.Charge
DIN - 07085755
Place : Mumbai
Date : 06.11.2020

The Shipping Corporation of India Ltd. STATEMENT OF UNAUDITED FINANCIAL RESULTS FOR THE QUARTER ENDED 30.09.2020. Table with 7 columns: Sr. No., Particulars, Quarter Ended 30.09.2020, Half Year Ended 30.09.2020, Quarter Ended 30.09.2019, Half Year Ended 30.09.2019, Quarter Ended 30.09.2020, Half Year Ended 30.09.2019. Rows include Total income from Operations, Net Profit (Loss) for the period, Total Comprehensive Income, etc.

Annexure-14

**PROJECT DETAILS AS PER CTE/CTO
APPLICATION**

Name Of Occupier : DEEPAK KUMAR AGARWAL
Industry Id : WB0291697797
Industry Name : BRAVO SPONGE IRON PVT. LTD.
Industry Address : Vill-Mahuda, PO-Rukni, PS-Para,
Dist-Purulia (WB)-723145

District : Purulia
State : West Bengal
Category : RED
Industry Type : Iron & Steel (involving processing
from ore/ integrated steel plants)
and or Sponge Iron units
Occupier Email : cmdsipl1@gmail.com
Occupier Mobile : 9233331111
Application Number : 274440
Application Type : CTE
Application Date : 05-Nov-2020
Approval Date : 10-Nov-2020
Product Name : MS BILLET
Quantity : 22500 Metric Tonnes/Month
Unit :

RESPONSE OF PROJECT PROPONENT

Is EC Obtained ? : Yes
EC Proposal Number : IA/WB/IND/125425/2015
EC Grant Date : 2020-11-05
EC File Number : J-11011/758/2009-IA-II I
Authorthy : MoEFCC
Name of Authorized Person : DEEPAK KUMAR AGARWAL
:
Designation of Authorized Person : Director
Person :

**E- Verification Completed**

RESPONSE OF THE PROJECT PROPONENT

Proposal No :	IA/WB/IND/125425/2015
Registered Email Id:	cmdsip11@gmail.com
Status of Implementation of Project or Activity? :	Project is operational for partial components/ units envisaged in the EC
Date of CTO :	2021-12-08
Name of Authorized Person :	Deepak
Designation of Authorized Person :	Director



E- Verification Completed