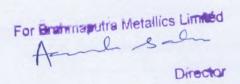
COMPLIANCE OF ENVIRONMENTAL CLEARANCE OF BRAHMAPUTRA METALLICS LIMITED

The Environmental Clearance was granted for the proposed plant by the Ministry of Environment & Forest, New Delhi vide F. No. J-11011/285/2008-IA-II (I) dated 29.03.2011:

SI	CONDITION	COMPLIANCE/ STATUS (01.10.2020 to 31.03.2021)
A.	SPECIFIC CONDITIONS:	
i)	Compliance to all the specific and general conditions stipulated for the existing plant by the Central/State Government shall be ensured and regular reports submitted to the Ministry's Regional Office at Bhubaneswar.	Complied. Conditions as specified in previous Environmental Clearance from MOEF and NOC from JSPCB complied and reports submitted regularly every six months to the concerned authorities.
		Complied. Presently only Induction Furnace & Billets caster unit installed apart from the existing Sponge Iron and CPP units as per previous EC.
	On-line ambient air quality monitoring and continuous stack monitoring facilities for all the stacks shall be provided and sufficient air pollution	Green belt, Plantation, Water sprinkled through water tanker and bag filters installed to control fugitive emission and reduce PM levels in AAQ.
ii)	control devices viz. Electrostatic precipitator (ESP), gas cleaning plant, bag filters etc. shall be provided to keep the emission levels below 50 mg/Nm³ by installing energy efficient technology.	On-line stack monitoring system not applicable for Induction furnace unit. System installed for continuous monitoring of stacks of other existing units. Online monitoring system for existing Sponge Iron and CPP unit installed and data transferred to JSPCB & CPCB.
		Fume extraction system with Bag filters installed in the induction furnace unit to meet the prescribed standards.
iii)	Electrostatic precipitator (ESP) shall be provided to sponge iron plant, WHRB, CFBC, and dust catcher to blast furnace to control SPM levels within 50 mg/Nm3. Fume extraction system shall be provided to induction furnaces to control the emissions within the prescribed standards.	Complied. ESP provided to sponge iron plant, WHRB & CFBC. Fume extraction system with Bag filters installed in the induction furnace unit to meet the prescribed standards. All other APCS installed with the concerned units. Copy of latest monitoring reports enclosed as Annexure - 1
iv)	The National Ambient Air Quality Standards issued by the Ministry vide G.S.R. No. 826(E) dated 16 th November, 2009 shall be followed.	Complied. Latest National Ambient Air Quality Standards issued by the Ministry followed. Water sprinkled through tanker to control fugitive emission. Pucca road made partly. Roads being made by filling mooram and compacted. Water Tanker has been deployed for suppression of dust. Copy of latest monitoring reports enclosed as Annexure - 1



v)	Gaseous emission levels including secondary fugitive emissions from all the sources shall be controlled within the latest permissible limits issued by the Ministry and regularly monitored. Guidelines/Code of Practice issued by the CPCB shall be followed. Standards for the sponge iron plant issued by the Ministry vide G.S.R. 414(E) dated 30th May, 2008 shall be followed.	The emissions from the plant controlled within the latest permissible limits. Six monthly reports being submitted to the concerned authorities as per conditions of EC. Fugitive emission from various sources controlled within norms. Standards for the Sponge Iron plant being followed. Latest monitoring reports of the same attached as Annexure – 1
vi)	The waste generated out of flue gases from the coke oven plant shall be used for WHRB power plant.	Coke oven & related units dropped from project. Coke oven - WHRB power plant not installed. It has been dropped as per current revalidation of EC vide F. No. J-11011/285/2008-IA-II (I), dated 15.06.2018, copy already submitted with previous compliance.
vii)	Make up water requirement shall not exceed 40,965 KLD. Necessary permission from the concerned authorities shall be obtained for drawl of water. The water consumption shall not exceed as per the standard prescribed for the steel plants. Efforts shall further be made to use maximum water from the rain water harvesting sources. Use of air cooled condensers shall be explored and closed circuit cooling system shall be provided to reduce water consumption and water requirement shall be modified accordingly. All the effluent shall be treated and used for ash handling, dust suppression and green belt development. No effluent shall be discharged and 'zero' discharge shall be adopted. Sanitary sewage should be treated in septic tank followed by soak pit.	Being complied. Water consumption will be maintained within norms of iron & steel. Presently water requirement is 2405 KLD for the existing sponge iron, power and induction furnace-billet caster units and other uses. Water kept in closed circuit. Only make up water required for loses and evaporation. Zero effluent discharge being followed. Domestic wastewater routed to septic tank-soak pit and other wastewater being reused for dust suppression and horticulture.
viii	Efforts shall be made to make use of rain water harvested. If needed, capacity of the reservoir shall be enhanced to meet the maximum water requirement. Only balance water requirement shall be met from other sources.	Rainwater harvesting plan has been developed and implemented for the plant. 2 RWH pits as approved by Ground Water Directorate, Govt. of Jharkhand implemented within premises. Efforts being made to make use of rain water harvested to the maximum extent. Improvement of RWH plan with 2 nos. collection pond and additional recharge pits is designed but progress of implementation stalled due to Covid-19 situation, will be implemented within a year.
ix)	Regular monitoring of influent and effluent surface, sub-surface and ground water shall be ensured and treated wastewater should meet the norms prescribed by the State Pollution Control Board or described under the Environment (Protection) Act, 1986 whichever are more stringent. Leachate study for the effluent generated and analysis shall also be regularly carried out and report submitted to the Ministry's Regional Office at Bhubaneswar, SPCB and CPCB.	Complied. All monitoring as prescribed being followed. At no time the emission level will be allowed to go beyond the prescribed standards. No effluent discharge from the plant.

x)	The char from DRI plant shall be utilized in FBC boiler of power plant and no char shall be used for briquette making or disposed off anywhere else. FBC boiler shall be installed simultaneously along with the DRI plant to ensure full utilization of char from the beginning. All the blast furnace (BF) slag shall be provided to the cement manufacturers. Scrap shall be used in steel melting shop (SMS) and SMS slag and kiln accretions shall be properly utilized. All the other solid waste broken refractory be properly disposed off in environment-friendly manner.	Complied. Dolochar from DRI plant is being utilized in AFBC boiler of power plant and no char is used for briquette making or disposed off anywhere else. Fly ash is being used for brick/block making in-house and also supplied to outside parties for filling in road making. Induction furnace slag being used for metal recovery and scrap recycled in induction furnace itself. Details of solid waste and its disposal submitted regularly to JSPCB. Non metal part of slag is supplied to outside parties for filling in road making. No other solid waste generation
xi)	In-plant control measures like bag filters, de-dusting and dust suppression system shall be provided to control fugitive emissions from all the vulnerable sources. Dust extraction and suppression system shall be provided at all the transfer points, coal handling plant and coke sorting plant of coke oven plant. Bag filters shall be provided to hoods and dust collectors to coal and coke handling to control dust emissions. Water sprinkling system shall be provided to control secondary fugitive dust emissions generated during screening, loading, unloading, handling and storage of raw materials etc.	Fume extraction system with Bag filters installed in the induction furnace unit to meet the prescribed standards. As per current revalidation of EC vide F. No. J-11011/285/2008-1A-II(1), dated 15.06.2018 only additional units to be installed are – Bar Mill & AFBC Boiler of 5 MW capacity and will be installed with relevant APCS along with construction – erection of the units, when done.
xii)	Proper utilization of fly ash shall be ensured as per Fly Ash Notification, 1999 and subsequent amendment in 2003 & 2009.	Only induction furnace unit installed. No fly ash generation in induction furnace unit. Complied for the existing unit. Fly ash generated from our captive power plant which is being disposed for Road construction work through the contractor. And also used in Brick making in house. Copy of Fly ash balance sheet as Annexure – 2.
xiii	Vehicular pollution due to transportation of raw material and finished products shall be controlled. Proper arrangements shall also be made to control dust emissions during loading and unloading of the raw material and finished product.	All the raw materials and products including waste are transported in covered trucks and closed containers respectively and will not be overloaded. Pollution Under Control (PUC) certificate for Vehicular emissions regularly monitored for all vehicles including trucks entering the premises. Water Sprinkling done at loading and unloading point to control fugitive emissions.
xiv	All internal roads shall be black topped. The roads shall be regularly cleaned with mechanical sweepers. A 3-tier avenue plantation using native species shall be developed along the roads. Facilities for parking of trucks carrying raw coal from the linked coalmines shall be created within the Unit.	Plantation done and continued in 3-tier avenue plantation using native species. Plantation continued to cover maximum open area.
xv)	Proper handling, storage, utilization and disposal of all the solid waste shall be ensured and regular report regarding toxic metal content in the waste material and its composition, end use of solid/hazardous waste should be submitted to the Ministry's Regional Office at Bhubaneswar, SPCB and CPCB.	Details of solid waste and its disposal submitted regularly to JSPCB. Directions of solid waste handling will be complied for all the units.
xvi	A time bound action plan shall be submitted to reduce solid waste, its proper utilization and disposal.	

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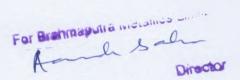
		quality raw materials i.e. sponge iron, pig iron and Ferro alloy used. Metal recovered from slag is reused.
xvii	Risk and Disaster Management Plan along with the mitigation measures shall be prepared and a copy submitted to the Ministry's Regional Office at Bhubaneswar, SPCB and CPCB within 3 months of issue of environment clearance letter.	Risk assessment and Disaster Management Plan (Onsite Emergency plan & Off Emergency plan) approved by Inspectorate of Factories already submitted
xviii	As proposed, green belt shall be developed in 33 % of plant area as per the CPCB guidelines in consultation with the DFO.	Plantation of local species trees over 33% started simultaneously with construction activity. Plantation done and continued using native species.
xix)	All the recommendations made in the Charter on Corporate Responsibility for Environment Protection (CREP) for the Steel Plants should be implemented.	Facilities/equipment necessary for compliance of CREP of steel plant have been included in the project. All provisions being complied
xx)	All the commitments made to the public during the Public Hearing / Public Consultation meeting held on 11th February, 2010 should be satisfactorily implemented and a separate budget for implementing the same should be allocated and information submitted to the Ministry's Regional Office at Bhubaneswar.	All the commitments made to the public during the Public Hearing/Public Consultation being satisfactorily implemented. Budget for the same allocated as per MOEF norms.
xxi)	At least 2 % of the total cost of the project should be earmarked towards the corporate social responsibility and item-wise details along with time bound action plan should be prepared and submitted to the Ministry's Regional Office at Bhubaneswar. Implementation of such program should be ensured accordingly in a time bound manner.	We have allotted a budget of 2 % of the total cost of the project towards CSR initiatives and activities with Rs. 1.80 crores as expenses for next 10-12 years. Village Development Committee formed and regular meeting conducted .CSR activity taken up like road making, drinking water, medical camp etc. Details of the CSR from the start are enclosed as Annexure – 3.
xxii)	The company shall provide housing for construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, crèche etc. The housing may be in the form of temporary structures to be removed after the completion of the project.	Sanitation, drinking water and other facility for workers provided. Housing facilities not required only local people are employed.
B.	GENERAL CONDITIONS	
i)	The project authorities shall strictly adhere to the stipulations made by the Jharkhand Pollution Control Board (JPCB) and State Govt.	Complied. CTE & CTO obtained from JSPCB and other mandatory departments. All the directions are being complied.
ii)	At no time, the emissions shall exceed the prescribed limits. In the event of failure of any pollution control system adopted by the unit, the unit shall be immediately put out of operation and shall not be restarted until the desired efficiency has been achieved.	prescribed standards. In the event of failure of any pollution control system, the unit will be immediately

For Brahmaputra Metallics Limited

iii)	No further expansion or modifications in the plant shall be carried out without prior approval of the Ministry of Environment and Forests. In case of deviations or alterations in the project proposal from those submitted to this Ministry for clearance, a fresh reference shall be made to the Ministry to assess the adequacy of conditions imposed and to add additional environmental protection measures required, if any.	Complied. No further expansion or modifications in the plant will be carried out without prior approval of the Ministry of Environment and Forests, New Delhi and JSPCB.
iv)	The gaseous emissions from various process units shall conform to the load/mass based standards notified by this Ministry on 19th May, 1993 and standards prescribed from time to time. The State Board may specify more stringent standards for the relevant parameters keeping in view the nature of the industry and its size and location.	All monitoring as prescribed followed. At no time the emission level will be allowed to go beyond the prescribed standards.
v)	The project authorities shall strictly comply with the rules and regulations under Manufacture, Storage and Import of Hazardous Chemicals Rules, 1989 as amended in October, 1994 and January, 2000. Authorization from the JPCB shall be obtained for collection, treatment, storage, and disposal of hazardous wastes.	Complied. Hazardous waste authorization under the said rule obtained from JSPCB. Regulation complied as per norms.
vi)	The project authorities must strictly comply with the rules and regulations with regard to handling and disposal of hazardous wastes in accordance with the Hazardous Wastes (Management and Handling) Rules, 2003. Authorization from the Pollution Control Board must be obtained for collection/storage/disposal of hazardous wastes.	Complied. Hazardous waste authorization under the said rule obtained from JSPCB and regulation complied as pernorms.
vii)	The overall noise levels in and around the plant area shall be kept well within the standards (85 dBA) by providing noise control measures including acoustic hoods, silencers, enclosures etc. on all sources of noise generation. The ambient noise levels shall conform to the standards prescribed under Environment (Protection) Act, 1986 Rules, 1989 viz. 75 dBA (day time) and 70 dBA (night time).	The overall noise levels in and around the plant is being kept well within the standards by providing noise control measures — such as acoustic enclosures isolation, lagging and providing rubber packing.
viii)	The company shall develop rain water harvesting structures to harvest the rain water for utilization in the lean season besides recharging the ground water table.	Rain water harvesting plan has been developed and implemented for the plant. 2 RWH pits as approved by Ground Water Directorate, Govt. of Jharkhand implemented within premises. Efforts being made to make use of rain water harvested to the maximum extent. Improvement of RWH plan with 2 nos. collection pond and additional recharge pits is designed but progress of implementation stalled due to Covid – 19 situation, will be implemented within a year.
ix)	Occupational Health Surveillance of the workers	Pre-employment health check-up of employees done Regular (annual) occupational health surveillance

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	shall be done on a regular basis and records maintained as per the Factories Act.	followed as per Factories Act enclosed as Annexure - 4
x)	The project proponent shall also comply with all the environmental protection measures and safeguards recommended in the EIA/EMP report	The environment protection measures recommended in the EIA/EMP is being strictly followed. Copy of updated EMP expenditure enclosed as Annexure - 5
xi)	A separate Environmental Management Cell equipped with full-fledged laboratory facilities shall be set up to carry out the environmental management and monitoring functions.	Environment management cell established to function independently and Consultant/Advisors engaged for advice for proper environmental management. NABL/MoEF recognized Environmental laboratory engaged for monitoring. Monitoring report for the period attached.
xii)	As proposed, Rs. 12.48 crores and Rs. 1.42 crores/annum shall be earmarked towards total capital cost and recurring cost/annum for environmental pollution control measures and judiciously used to implement the conditions stipulated by the Ministry of Environment and Forests as well as the State Government. A time bound implementation schedule shall be submitted to the Ministry and its Regional Office at Bhubaneswar to implement all the conditions stipulated herein. The funds so provided shall not be diverted for any other purpose.	High efficiency dust extractor & bag filter system with appropriate stack height for proper dispersion installed. Copy of updated EMP expenditure enclosed as Annexure – 5. Funds earmarked not diverted for any other purpose.
xiii)	A copy of clearance letter shall be sent by the proponent to concerned Panchayat, Zila Parishad/Municipal Corporation, Urban Local Body and the local NGO, if any, from whom suggestions/representations, if any, were received while processing the proposal. The clearance letter shall also be put on the web site of the company by the proponent.	Complied. Copy of EC letter submitted to the local bodies. No representation of NGO. Environment Clearance letters uploaded on company website.
xiv)	The project proponent shall upload the status of compliance of the stipulated environment clearance conditions, including results of monitored data on their website and shall update the same periodically. It shall simultaneously be sent to the Regional Office of the MOEF, the respective Zonal Office of CPCB and the PPCB. The criteria pollutant levels namely; RSPM (PM 2.5 and PM10), SO2, NOx (ambient levels as well as stack emissions) or critical sectoral parameters, indicated for the projects shall be monitored and displayed at a convenient location near the main gate of the company in the public domain.	Information displayed on the company website. All monitoring as prescribed followed. Reports regularly submitted to concerned authorities. Compliance of conditions, including monitored data has been uploaded on the company website (www.bml.co.in.) Information also displayed at Main gate.



xv)	The project proponent shall also submit six monthly reports on the status of the compliance of the stipulated environmental conditions including results of monitored data (both in hard copies as well as by e-mail) to the Regional Office of MOEF, the respective Zonal Office of CPCB and the JPCB. The Regional Office of this Ministry / CPCB / JPCB shall monitor the stipulated conditions.	Six monthly compliance reports as directed submitted to the concerned authority in the month of June (for the period October – March) and December (for the period April – September) every year. This compliance report for the period 1st October 2020 to 31st March 2021.
xvi)	The environmental statement for each financial year ending 31 st March in Form-V as is mandated to be submitted by the project proponent to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company alongwith the status of compliance of environmental conditions and shall also be sent to the respective Regional Offices of the MOEF by e-mail.	Environmental statement for each financial year ending 31st March in Form-V submitted with the compliance report of December as per norms and will be put on website. Environment Statement for year ending 31st March 2021 attached as Annexure – 6.
xvii)	The Project Proponent shall inform the public that the project has been accorded environmental clearance by the Ministry and copies of the clearance letter are available with the JPCB and may also be seen at Website of the Ministry of Environment and Forests at http://envfor.nic.in. This shall be advertised within seven days from the date of issue of the clearance letter, at least in two local newspapers that are widely circulated in the region of which one shall be in the vernacular language of the locality concerned and a copy of the same should be forwarded to the Regional office.	Information to the public that the project has been accorded environmental clearance by the Ministry and copies of the clearance letter are available with the SPCB and may also be seen at Website of the Ministry has been published in news papers Hindustan Times (English), Hindustan & Prabhat Khabar (Hindi) dated 08.04.2011. Copies already submitted with earlier compliance reports.
xviii	Project authorities 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 and the date of commencing the land development work.	The source of funding is finalized. Project has been sanctioned by consortium of SBI, Bank of Baroda, PNB & S.B.B.J on 08.08.09 and has been extended for next phase on 15.07.2011. Implementation of Induction Furnace and Billet caster was started on 02.04.2011 and completed. Letters already submitted.

For Brahmaputra Metallics Limited

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Note; - @ NAAQS - National Ambient Air Quality Standards; Schedule-VII. [Rule 3 (3B)]. [Part-II-sec. 3(i)]18.11.20 SOP- Laboratory Standard Operating Procedure., **BDL- Below Detection Limit, *DL- Detection Limit

Mab VardFor Brahmaputra Metallics Limited

Director

Note: Terms & conditions refer on backside of test report. Vardan Enviro Lab Vardan Enviro Lab



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Note: - @ NAAQS - National Ambient Air Quality Standards; Schedule-VII, [Rule 3 (3B)], [Part-II-sec.-3(i)]18:11,2009 SOP-Laboratory Standard Operating Procedure, **BDL-Below Detection Limit, *DL-Detection Limit

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> Vardan EnviroLab Vardan Envir ard For Brahmaputra Metallics Limited

> > Director

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www.vardan.co.in

d **Note:** Terms & conditions refer on backside of test report. Vandan EnviroLab Vandan Enviro



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Instrument Used EnviroLab Vardan EnviroLab Vardan

Instrument Code Vardan Enviro Lab Vardan Envirol

Instrument Calibration Status

Meteorological condition during monitoring

Date of Monitoring an EnviroLab Vardan EnviroLab

Scope of Monitoring ardan EnviroLab Vardan EnviroLab Vardan Control measure if AnyEnviroLab Vardan

Sampling & Analysis Protocol and Enviro Lab Vardan Enviro L: 1S-5182 & CPCB Guide lines

Vardan Enviro Lab Representative and Envirolab Vardan

RDS & FPS sampler with all Accessories

VEL/RDS/06 & VEL/FPS/06

Calibrated dan EnviroLab Vardan EnviroLab Vardan Em

Clear Sky

15/03/2021 to 16/03/2021 ab Vardan EnviroLab Vardan En

nv Time of Monitoring viro Lab Vardan Enviro Lab Vardan Enviro Lab 10:00 AM E-10:30 AM Vardan Enviro Lab Vardan Enviro Lab

Ambient Temperature (°C) nviro Lab Vardan Enviro Lab Vardan E Min. 25.0 Card Max. 34.0 C. ab Vardan Enviro Lab Vardan I

Surrounding Activity ViroLab Vardan EnviroLab Vardan Enviro Library Human & Vehicular Activities an EnviroLab Vardan

Regulatory Requirement

Vardan Edvi NeLab Vardan EnviroLab Var

Parameter Required dan EnviroLab Vardan EnviroLab Vardan : As per client requirement. OLab Vardan EnviroLab Vardan

ds:No.TV	iroLab Vardan Envir IroLab VarameteriviroLal Vardan EnviroLab Vard	oLab Vardan EnviroLab Vardan EnviroLab i Vardan Enviro <mark>Protocol</mark> rdan EnviroLab an EnviroLab Vardan EnviroLab Varda	Vardan EnviroLab Vardan Result oLab Va an EnviroLab Vardan B	rd Unit m nviroLa	NAAQS [®] Limit
ardan E Envirol	Particulate Matter (PM _{2.5})	#SOP No. VEL/SOP/01, Section No. SP 63	48.54	μg/m³	60
lan2Env	Particulate Matter (PM ₁₀)	Var als: 5182 (P-23) Gravimetric Method	Vardan 187.46 oLab Var	μg/m³	iroLal00 ardar
Vagdan	Nitrogen Dioxide (NO2)	IS: 5182 (P-6) Jacob & Hochheiser	Lab Var 26.38 nviroLa	μg/m³	Envir80_ab Var
4.	Sulphur Dioxide (SO2)	IS: 5182 (P-2) Modified West and Gaeke	9.72 OLab va	μg/m³	No Solution 80 and all
ard5m E	Carbon Monoxide (CO)	IS: 5182 (P-10) Gas Chromatography	ab Varda 0.91 viroLab	mg/m³	nviroL4b Varda
En 6iroL	Ammonia (NH3), μg/m3	APHA, Indo Phenol Blue Method	dan Envi 9.93ab Vardar	μg/m³	ab Va400an Env
lan7-nv	Lead (Pb), μg/m³	IS: 5182 (P-22) Air Acetylene Method	**BDL (*DL 0.05 μg/m3)	μg/m³	Free Vardan
8.	Benzene(C ₆ H ₆), μg/m ³	IS: 5182 (P-11)	**BDL (*DL 0.1 μg/m3)	μg/m³	05
rvin‱Lal	Benzo(a)pyrene, ng/m³ Varo	an EnviroLabIS: 5182 (P-12) froLab Vard	**BDL (*DL 1.0 ng/m3)	ng/m ³	b Varc01n Envi
ard10. E	Ozone (O ₃), µg/m ³	IS: 5182 (P-9) Colorimetric Method	ab Varda 14.60 viro Lab	$\mu g/m^3$	nviro180 Varda
lan Foy	Arsenic As, ng/ m³	IS: 5182 (P-22)	**BDL (*DL 5.0ng/ m ³)	ng/ m³	irolah 6 Vardas
val2an	Nickel Ni, ng/m³-dan Envir	IS: 5182 (P-22) Air Acetylene Method	**BDL (*DL 5.0ng/m³)	ng/ m ³	Envir20_ab Var

dan EnviroLab Vardan En

Note: @ NAAQS - National Ambient Air Quality Standards; Schedule-VII, [Rule 3 (3B)], [Part-II-sec.-3(i)]18.11.2009 SOP- Laboratory Standard Operating Procedure, **BDL- Below Detection Limit, *DL- Detection Limit



ARJUN RAWAT

Lab VardFor Brahmaputra Metallics Limited

Director

Note: Terms & conditions refer on backside of test report. Vardan Enviro Lab Vardan Enviro



EnviroLab Vardan EnviroLab Vardan EnviroLab Vardan EnviroLab Vardan EnviroLab Vardan EnviroLab Vardan Enviro

dan EnviroLab Vardan EnviroLab Vardan EnviroLab Vardan EnviroLab Vardan EnviroLab Vardan EnviroLab V V Sample Number: b Vardan VEL/BML/A/04 dan EnviroLab Vardan En Report No.: dan Envir VEL/A/2103/18/004 roLab Vardas BName & Address of the Env M/s Brahmputra Metallics Ltd. dan Enviro Format No.: EnviroLal7.8 F-01 n EnviroLab Vardau

Party: Vardan EnviroLat Village- Kamta, Block- Gola, ardan EnviroLab Vardan E Distt. Ramgarh, Jharkhandab Va

Latitude: Lab Vardan Env 23° 31' 44.61"N

Party Reference No.:

Reporting Date:

Period of Analysis: Receipt Date:

18/03/2021

dan EnviroLab Vardan EnviroLab Vardan Env

Sample Description: Irola

da Sampling Location an EnviroLab Vardan EnviroLab Vardan Er:

Instrument Used InviroLab Vardan EnviroLab Vardan EnviroLa Instrument Code ardan EnviroLab Vardan EnviroLab

Instrument Calibration Status

Meteorological condition during monitoring

Date of Monitoring an EnviroLab Vardan EnviroLab Vardan Env

Scope of Monitoring da Control measure if Any

Sampling & Analysis Protocol

Varda: Vardan Enviro Lab Representative and Enviro Lab Vardan

Near Klin Area EnviroLab Vardan EnviroLab Vardan En

RDS & FPS sampler with all Accessories

VEL/RDS/07 & VEL/FPS/07 b Vardan EnviroLab Vardan I

Calibrated

Clear Sky

15/03/2021 to 16/03/2021

nviTime of Monitoring/iroLab Vardan EnviroLab Vardan Envi

arcAmbient Temperature (°C) aviroLab Vardan EnviroLab Vardan ErMin. 25.0 °C ard Max. 34.0°C ab Vardan EnviroLab

Surrounding Activity : Human & Vehicular Activities

Regulatory Requirement

ardan EnviNoLab Vardan EnviroLab Vardan

Vandam EnviroL; IS-5182 & CPCB Guide lines

Vardan EnviroLab

S. No. V	EnviroLab Vardan EnviroLab roLab VardaneterviroLab Vardan EnviroLab Vard	Vardan EnviroLab Vardan Enviro Vardan Enviro Protocol dan EnviroLab an EnviroLab Vardan EnviroLab Varda	Lab Vardan EnviroLah Vardan ResultoLab Var In EnviroLab Vardan E	dandan daunitny nviroLa	NAAQS [@] Limit
Envirol	Particulate Matter (PM _{2.5})	*SOP No. VEL/SOP/01, Section No. SP 63	49.02	μg/m³	60
an2Env	Particulate Matter (PM10)	IS: 5182 (P-23) Gravimetric Method	Vardan E90.36 oLab Var	d μg/m³	iroLal100ardan
Varglan	Nitrogen Dioxide (NO2)	IS: 5182 (P-6) Jacob & Hochheiser	Lab Varc23.58 nviroLal	μg/m³	Envirgo.ab Va
4.	Sulphur Dioxide (SO2)	IS: 5182 (P-2) Modified West and Gaeke	12.42	μg/m³	80
5 E	Carbon Monoxide (CO)	IS: 5182 (P-10) Gas Chromatography	ab Vardar 1.10 virol ab \	mg/m ³	nviroLab Varda
En.6.roL	Ammonia (NH3), μg/m3	dan EAPHA, Indo Phenol Blue Method	dan Enviro.26b Vardar	Eμg/m ³	ab Va400an En
an į nv	Lead (Pb), μg/m³	IS: 5182 (P-22) Air Acetylene Method	**BDL (*DL 0.05 μg/m ³)	μg/m³	iroLab Vardar
8.	Benzene(C ₆ H ₆), μg/m ³	IS: 5182 (P-11)	**BDL (*DL 0.1 μg/m ³)	μg/m³	05/
vir9.Lal	Benzo(a)pyrene, ng/m³ Vard	an EnviroLabIS: 5182 (P-12)/iroLab Vard;	**BDL (*DL 1.0 ng/m ³)	ng/m³	o Vard o la Enviro
ard 10. E	Ozone (O ₃), µg/m ³	IS: 5182 (P-9) Colorimetric Method	ab Vardan7.25viroLab \	μg/m³	nvirol ₁₈₀ Varca
an Foy	Arsenic As, ng/ m ³	IS: 5182 (P-22)	**BDL (*DL 5.0ng/ m ³)	ng/ m³	iroLah (Vardar
Varl2an	Nickel Ni, ng/m³ dan Enviro	Lab IS: 5182 (P-22) Air Acetylene Method	**BDL (*DL 5.0ng/ m ³)	ng/m ³	Envir 20 ab Var

Note: @ NAAQS - National Ambient Air Quality Standards; Schedule-VII, [Rule 3 (3B)], [Part-II-sec; -3(i)]18.11.2009 *BDL- Below Detection Limit, *DL- Detection Limit

dan ARJUN RAWAT

FoLab VardFor Brahmaputra Metallics Limited

Director

Note: Terms & conditions refer on backside of test report. Vardan EnviroLab Vardan Envirol



EnviroLab Vardan EnviroLab Vardan EnviroLab Vardan EnviroLab Vardan EnviroLab Vardan EnviroLab Vardan Enviro dan EnviroLab Vardan EnviroLab Vardan EnviroLab Vardan EnviroLab Vardan EnviroLab Vardan EnviroLab Vardan

da Sample Number: rdan Envirol VEL/BML/AN/01 rolab Vardan Envirol Report No.: Envirola VEL/AN/2103/18/001b

Latitude: vardan Enviro 23° 31' 52.39"N

darLongitude: b Vardan E

Name & Address of Party: b Va M/s Brahmputra Metallics Ltd. rolab Va Format No.: Lab Varc7.8 F-01 rolab Vardan ardan EnviroLab Vardan Envirolage-Kamta, Block-Gola, ardan EnviroParty Reference No.: O NIL Vardan EnviroLab EnviroLab Vardan EnviroLab \Distt.- Ramgarh, Jharkhand EnviroLab \Reporting Date: ab

nviro 85° 41' 48.67"E

Period of Analysis:

Vardan EnviroLab Vardan EnviroLab Vardan EnviroLab Vardan EnviroLab Vardan EnviroLab Vardan EnviroLab

22/03/2021 To Lab Varclan

ardan EnviroLab Vardan EnviroLab Vardan EnviroLab Vardar

18/03/2021 -

EnviroLab Vardan EnviroLab Vardan Em

Vardan Enviro Receipt Date: nviro La 18/03/2021

General Information:-Sample collected by

Sampling Location EnviroLab Vardan Enviro

Instrument Usedardan EnviroLab Vardan E EInstrument Code n Enviro Lab Vardan Enviro

Instrument Calibration Status

Meteorological condition during monitoring

Date of Monitoring EnviroLab Vardan Enviro

Time of Monitoring Jan Enviro Lab Vardan Enviro La

Surrounding Activity viro Lab Vardan Enviro Lab Var

nvirolScope of Monitoring Lab Vardan EnviroLab Vardan En

Control measure if Any WiroLab Vardan EnviroLab : a

Sampling & Analysis Protocol dan EnviroLab Varda:

Sampling Duration Lander Enviro Lab Vardan

Vardan EnviroLab Representative Lab Vardan EnviroLab Vardan I

Near Reservoir Vardan Envirolab Vardan Envirolab Vardan Env

Sound Level Meter b Vardan Enviro Lab Vardan Enviro Lab Vardan

ab Va: cVEL/S/SLM/01 Vardan EnviroLab Vardan EnviroLab Vardan En

En Calibrated / ardan EnviroLab Vardan EnviroLab Vardan EnviroLa

Clear Sky iroLab Vardan EnviroLab Vardan EnviroLab Vardan I

15/03/2021 to 16/03/2021 To Lab Vardan EnviroLab Vardan Enviro

06:00 AM to 06:00AM

Human, Vehicular & Other Activities Vandan Enviro Lab Vandan En

Regulatory Requirement oLab Vardan EnviroLab Vardan EnviroLa

No any inviro Lab Vardan Enviro Lab Vardan Enviro Lab Vardan I

IS-9989 & CPCB Guide lines

24 Hours

As per Work Order

ardan Ent	urolab Vardan Envirolab	Vardan Envirol ab Var	dan EnviroLab Varda	u Puvitorap vatoau Fuvit	alab varoan
EnviroLa	Vardan EnviroLab Varda	m EnviroLab Vardan Er	viroLab Vardan Test R	cesult dB (A) dan EnviroLab \	ardan Envir
dan Envir	oLab Vardan EnviroLab V	irdan EnviroLab Varda	a EnviroLab Vardan E	nviroLab Vargan EnviroL	ab Vardan E
S. No.	Parameters nviroL	Protocol Protocol	Day Time	an EnviroLab Vardan Env	Unit are
nvirol ab	Vardan EnviroLab V	Fruirot ab Vardan Env	(6:00 am to 10:00 pm)	(10:00 pm to 06:00 am)	rdan Enviro
ardan Env	drol ab Vardan Envirol ah	Vardan Envirol ab Var	fan Envirol ab Varda	n Envirol ab Vardan Envir	ol ab Varda
EnviroLa	DVardan EnviroLab Varda	n Envirois 9989 ardan Er	viroLab 71.6dan Envi	roLab Vard59.3 nviroLab \	andB(A) nv
Var2an E	bLab Vardan EnviroLab Vi n <mark>UmoLab Vardan EnviroL</mark> a	IS 9989	irdan En 52.5 Lab Vard	an EnviroLab Vardan Env	dB(A)
dan Envir	oLab Vardan EnviroLab V	Irdan Enis 9989 b Varda	62.40	nviroLab \49.50 in EnviroL	dB(A)
nviroLab '	/ardan EnviroLab Vardan	EnviroLab Vardan Env	roLab Vardan Enviro	Lab Vardan EnviroLab Va	rdan Envirol
	CPCB Limits in dB(A*) Leq	Vardan EnviroLab Var	lan Envirol ab Varda	n EnviroLa 70.00 Envir	dB(A)
EnviroLa	(Industrial Area)	n EnviroLab Vardan Er	viroLab vandan Envi	roLab vargary EnviroLab V	arean Envir

A "decibel" is a unit in which noise is measured.

EnviroLabARJUN RAWAT

ardFor Brahmaputra Metallics Limited

Note: Terms & conditions refer on backside of test report. Vandan Enviro Lab Vandan Envir



V Sample Number: b Vardan En WEL/BML/AN/02Enviro Lab Vardan EnvReport No.: dan Envir VEL/AN/2103/18/002 of Name & Address of Party: ITOLM/s Brahmputra Metallics Ltd. In Enviro Lab No.: Enviro Lab 7.8 F-01 II Enviro Lab N nviroLab Vardan EnviroLab VaVillage- Kamta, Block- Gola, nviroLab Va Party Reference No.: NIL EnviroLab Vardan ardan EnviroLab Vardan Envir Distt.- Ramgarh, Jharkhand ardan

Vardan EnviroLab 23° 31' 26.44"N

dar Latitude: Lab Vardan Envirol 85° 42' 13.01"E VaLongitude:roLab Vard

dan EnviroLab Vardan EnviroLab Vardan EnviroLab Vardan EnviroLab Vardan EnviroLab Vardan EnviroLab V

Reporting Date:

Period of Analysis:

dan EnviroLab Vardan EnviroLab Vardar

Receipt Date: an Envir 18/03/2021 an

EnviroLab Vardan EnviroLab Vardan EnviroLab Vardan EnviroLab Vardan EnviroLab Vardan EnviroLab V

General Information:-

Sample collected by Sampling Location

Instrument Used Instrument Code iroLab Vardan Envir

Sample Description:

Instrument Calibration Status ab Vardan En

Meteorological condition during monitoring

Date of Monitoring

Time of Monitoring EnviroLab Vardan Enviro

Surrounding Activity ab Vardan EnviroLa

ar Scope of Monitoring EnviroLab Vardan EnviroLab * Control measure if Any ab Vardan Enviro Lab Varda:

Sampling & Analysis Protocol Vardan EnviroLab Va.

Sampling Duration EnviroLab Vardan EnviroLab Var

Parameter Required ab Vardan EnviroLab Vardan

Vardan EnviroLab Representative

Near Main Gate

Sound Level Meterardan EnviroLab Vardan EnviroLab Vardan En

VEL/S/SLM/02 an EnviroLab Vardan EnviroLab Vardan EnviroLa

1/ Calibrated groLab Vardan EnviroLab Vardan EnviroLab Vardan E

Clear Sky Vardan EnviroLab Vardan EnviroLab Vardan Enviro

15/03/2021 to 16/03/2021 Enviro Lab Vardan Enviro Lab Vardan Env

06:00 AM to 06:00AM in EnviroLab Vardan EnviroLab Vardan En

Human, Vehicular & Other Activities an EnviroLab Vardan EnviroLa

Regulatory Requirement an EnviroLab Vardan EnviroLab Vardan I

No any Lab Vardan Enviro Lab Vardan Enviro Lab Vardan Enviro

IS-9989 & CPCB Guide lines

: As per Work Order Envirolation Envirolation Variant Envirolation

EnviroLab Va	rdan EnviroLab Vard	an EnviroLab Vardan Ei	ivirolab vardan Envi	rotab vardan Envirotab	<i>r</i> ardan Envi	E.S.
dan EnviroLal	Vardan EnviroLab V	ardan EnviroLab Varda	n EnviroLab Vardan	Result dB (A) Vardan EnviroL	ab Vardan I	Г
Vardan Envir	oLab Vardan EnviroL	ab Vardan EnviroLab V	irdan EnviroLab Vard	ian EnviroLab Vardan Env	iroLab Varo	12
das NoviroLal	Vardan EnviroLab \	Protocol b Varda	n EnviroLab Vardan I	EnviroLab Vardan Envirol	ab Unit an	T
nviroLab Vare	an EnviroLab Vardar	EnviroLab Vardan Env	rolab Day Time Enviro	Lab Var Night Time oLab Va	rdan Enviro	L
ardan Envirol	ab Vardan EnviroLal	Vardan EnviroLab Var	(6:00 am to 10:00 pm)	E (10:00 pm to 06:00 am)	oLab Varda	3
EnviroLab Va	rdan EnviroLab Vard	an EnviroLab Vandan Er	vicoLab Vardan Envi	roLab Vardan EnviroLab 1	ardan Envi	. €
dan InviroL	Vardan EnviroLab V	ardan Enis 9989 b Varda	n Envirol73.5 Vardan I	nviroLab V58.2an EnviroL	dB(A)	Ħ
2. L _{min}	oLab Vardan Envirol	IS 9989	55.3	an Envirol 40.7 and an Env	dB(A)	8
Leq	an EnviroLab Vardar	IS 9989	65.10	lab varda 48.3 virolab va	dB(A)	Ĺ
ardan EnvCRC	B Limits in dB(A*) Leq	Vardan EnviroLab Var	fan Envigolab Varda	n EnviroLab Vardan Envir	oL_dB(A)rda	7
	istrial Area)	an EnviroLab Vardan Ei	viroLab 75.00 dan Envi	oLab Varc ^{70.00} nviroLab	fardan Envi	10

EnviroLab Vardan EnviroLab Vardan EnviroLab Vardan EnviroLab Vard

Envir AMPTABHIDIDE Yab

Note: Terms & conditions refer on backside of test report. Vardan Enviro Lab Vardan Enviro Lab

ardFor Brahmaputra Metallics Limited



Laboratory: Plot No. 82A, Sector - 5, IMT Manesar, Gurugram - 122051, Haryana NABL Accredited | MoEF&CC Recognized | ISO 9001 ISO 14001 ISO 45001 pyino Lab Vardan Enviro Lab Vardan Enviro

EnviroLab Vardan EnviroLab Vardan EnviroLab Vardan EnviroLab Vardan EnviroLab Vardan EnviroLab Vardan Enviro

ardan EnviroLab Vardan Envir Distt.- Ramgarh, Jharkhand ardan Envir

Latitude: ab Vardan Envirol

Va Longitude: roLab Vardan datSample Description: n Enviro AMBIENT NOISE LEVEL MONITORING b Vardan Enviro La

Envir Sample collected by roLab Vardan EnviroLab Vardan EnviroLab Representative and an EnviroLab Vardan Enviro Sampling Location EnviroLab Vardan Envir

Instrument Usedardan EnviroLab Vardan Instrument Code

Instrument Calibration Status ab Vardan En

Envir Meteorological condition during monitoring Lab Varda: ClearoSky, Vardan EnviroLab Vardan EnviroLab Vardan Enviro

Time of Monitoring an EnviroLab Vardan EnviroLab Surrounding Activity

Scope of Monitoring EnviroLab Vardan EnviroLab

Envir Control measure if Any ab Vardan Enviro Lab Vardan

Sampling Duration dan EnviroLab Vardan EnviroLab

Parameter Required

dan Enviro (Tested By)

da Name & Address of Party: FolM/s Brahmputra Metallics Ltd. a Envirol Format No.: Envirola 7.8 F-01 Envirolab Vardan nviroLab Vardan EnviroLab Va Village- Kamta, Block- Gola, nviroLab Va Party Reference No.: "NILEnviroLab Vardan EnviroLa

Vardan EnviroLab 23° 31' 39.53"N

85° 41' 54.24"E

dan EnviroLab Vardan En V-Sample Number: b Vardan EnvVEL/BML/AN/03 nviroLab Vardan EnvReport No.: dan EnvirVEL/AN/2103/18/003 a Lab Vardan

22/03/2021 EnviroLab V Reporting Date:

Period of Analysis: 18/03/2021 - 22/03/202

Receipt Date:

General Information:-EnviroLab Vardan EnviroLab Vardan EnviroLab Vardan EnviroLab Vardan EnviroLab Vardan Information:-

Near Office ab Vardan EnviroLab Vardan EnviroLab Vardan Env

Sound Level Meter b Vardan Enviro Lab Vardan Enviro Lab Vardar

Calibrated viroLab Vardan EnviroLab Vardan EnviroLab Vardan I

Date of Monitoring EnviroLab Vardan EnviroLab Var d15/03/2021 to 16/03/2021 EnviroLab Vardan EnviroLab Vardan Env

06:00 AM to 06:00AM ardan EnviroLab Vardan EnviroLab Vardar

Human, Vehicular & Other Activities

Regulatory Requirement an EnviroLab Vardan EnviroLab Vardan I

iNo any Lab Vardan Enviro Lab Vardan Enviro Lab Vardan Enviro

Sampling & Analysis Protocol Vardan EnviroLab Var dIS-9989 & CPCB Guide lines viroLab Vardan EnviroLab Vardan Env

24 Hours EnviroLab Vardan EnviroLab Vardan EnviroLab Vardan

ardan EnviroLab Vardan EnviroLab Vardan EnviroLab Vardan EnviroLab Vardan EnviroLab Vardan EnviroLab Vardan I

As per Work Order EnviroLab Vardan EnviroLab Vardan En nviroLab Vardan EnviroLab Vard ab Vardan EnviroLab Vardan En EnviroLab Vardan EnviroLab Vardan EnviroLa

in EnviroLab Vardan EnviroLab Va	irdan EnviroLab Varda	n EnviroLab Var Test R	Result dB (A) Vardan EnviroL	ab Vardan irot ah Var
S. NoviroLab Va Parameters roLab V roLab Vardan EnviroLab Vardan dan EnviroLab Vardan EnviroLah	erdan E Protocol b Varda EnviroLab Vardan Env Vardan EnviroLab Var	Day Time (6:00 am to 10:00 pm)	Night Time (10:00 pm to 06:00 am)	ab \Unitlan rdan Enviro oLab Varda
in Loviro L _{max} Vardan Enviro Lab Vi	rdan EnIS 9989 b Vanda	a Enviro 177.5 Vardan I	nviroLab \59.8an EnviroL	dB(A)
argan EnviroLab Vardan EnviroLa	b VardaIS 9989 roLab V.	ırdan En56.6 Lab Varo	an Envirol44.3Vardan Env	dB(A)
an 3 nviro Lab Vardan Enviro Lab V	IS 9989	66.50	52.10	dB(A)
4. CPCB Limits in dB(A*) Leq (Industrial Area)	Vardan EnviroLab Vardan Env	lan Env 75.00 b Varda	n EnviroLa ₇₀ .óordan Envir	dB(A)

dan EnviroLab Vardan EnviroLab Vardan EnviroLab Vardan EnviroLab Vardan EnviroLab Vardan EnviroLab Vardan En

Vardan EnviroLab Vardan EnviroLab Vardan EnviroLab Vardan EnviroLab Vardan EnviroLab Vardan EnviroLab Vardan

TABENDUBEWardan EnviroLab Vardan EnviroLab Vardan EnviroLab Vardan nviroLab Vardan EnviroLab Vardan EnviroLab Vardan EnviroLa ab Vardan EnviroLAIR/IIrtNnRAWA Tab Vardan EnviroLab Var wiroLab Vardan EnviroLal

> ab Vardan EnviroLab Vardan Env ab VandFor Brahmaputra Metallics Limited

Directors Vandan Env

Note: Terms & conditions refer on backside of test report. Vardan Enviro Lab Vardan Enviro Lab Vardan



Vardan EnviroLab Vardan EnviroLab Vardan Enviro

· VaSample Number: DVardan EnvVEL/BML/AN/04 nviroLab Vardan EnvReport No.: dan Envir VEL/AN/2103/18/0040 Lab Vardan Name & Address of Party: M/s Brahmputra Metallics Ltd. nviroLab Vardan EnviroLab Va Village- Kamta, Block- Gola, ardan EnviroLab Vardan Envir Distt.- Ramgarh, Jharkhand

nviroLab Vardan EnviroLab Vardan EnviroLab Vardan EnviroLab V ardan EnviroLab Vardan EnviroLab Vardan EnviroLab Vardan Enviro EnviroLab Vardan EnviroLab Vardan EnviroLab Vardan EnviroLab

Vardan EnviroLab Latitude: ab Vardan Envirol 23° 31' 44.61"N 85° 41' 57.87"E

dan EnviroLab Vardan EnviroLab Vardan EnviroLab Vardan EnviroLab Vardan EnviroLab Vardan EnviroLab Vardan nvirol Format No.: Envirol at 7.8 F-01 n Envirol ab \ Party Reference No.: NIL nviroLab Vardan Envir 22/03/2021 EnviroLab V Reporting Date:

dan EnviroLab Vardan EnviroLab Vardan En

Period of Analysis: 18/03/2021 - 22/03/202 Receipt Date: 18/03/2021 an Environment

VaLongitude: roLab Vard Sample Description:

ardan General Information: EnviroLab Vardan EnviroLab Envir Sample collected by rolab Vardan Envirolab Vardan Envirolab Representative rdan Envirolab Vardan Enviro Sampling Location EnviroLab Vardan Envirol

Instrument Used ardan Enviro Lab Vardan E Instrument Code

Instrument Calibration Status an Wardam Envirol ab

Envir Meteorological condition during monitoring ab Varda: Date of Monitoring EnviroLab Vardan EnviroLab Vard

Time of Monitoring

Surrounding Activity ab Vardan EnviroLab Vardan

ardan Scope of Monitoring EnviroLab Vardan EnviroLab \$ Control measure if Any ab Vardan EnviroLab Varda:

Sampling & Analysis Protocol Vardan EnviroLab Va:

Sampling Duration Can Enviro Lab Vardan

Parameter Required ab Vardan EnviroLab Vardan Ei

Near Klin Area ardan Enviro Lab Vardan Enviro Lab Vardan Env b Vardan EnviroLab Vardan EnviroLab Varda: Sound Level Meter n EnviroLab Vardan EnviroLab Vardan EnviroLa

Calibrated iroLab Vardan EnviroLab Vardan EnviroLab Vardan I

IClear Sky Vardan EnviroLab Vardan EnviroLab Vardan Enviro 15/03/2021 to 16/03/2021 inviroLab Vardan EnviroLab Vardan Env

06:00 AM to 06:00 AM ardan Enviro Lab Vardan Envirol

Human, Vehicular & Other Activities

Regulatory Requirement an EnviroLab Vardan EnviroLab

ENo any ab Vardan Enviro Lab Vardan Enviro Lab Vardan En IS-9989 & CPCB Guide lines / IroLab Vardan EnviroLab Vardan

24 Hours Enviro Lab Vardan Enviro Lab Vardan Enviro Lab Vardan ardan EnviroLab Vardan EnviroLab Vardan En

As per Work Order EnviroLab Vardan EnviroLab Vardan EnviroLa

dan EnviroLab Var Vardan EnviroLab	dan EnviroLab Varda Vardan Envirol	n EnviroLab Vardan Er Irdan EnviroLab Vardan Ib Vardan EnviroLab Va	n EnviroLab Var Test R	csult dB (A) Vardan EnviroL	b Vardan Er
das.NeviroLab Var nviroLab Vardan E ardan EnviroLab V	Parameters roLab V nviroLab Vardan ardan EnviroLab	ardan Er protocol b Varda EnviroLab Vardan Env Vardan EnviroLab Var	Day Time (6:00 am to 10:00 pm)	Night Time (10:00 pm to 06:00 am)	ab V unit an E dan Envirol oLab Varda
an Inviro Lmax Var	EnviroLab Varda dan EnviroLab Va	rdan En IS 9989 b Varda	Envirol75.6Vardan E	nviroLab V57.0an EnviroL	dB(A)
Vargan EnginoLab	Vardan EnviroLa	b Varda IS 9989 ro Lab Va	rdan En 53.2 Lab Varo	an EnviroL37.8/ardan Env	dB(A)
3. Leq	dan EnviroLab Va	IS 9989	64.10	45.20	dB(A)
The state of the s	its in dB(A*) Leq Area)	Vardan EnviroLab Var n EnviroLab Vardan Er	lan Envi75.00 b Varda viroLab Vardan Envi	n EnviroLal70.00rdan Enviro roLab Vardan EnviroLab \	ardan Envi

ardan EnviroLab Vardan EnviroLab Vardan EnviroLab Vardan EnviroLab Vardan EnviroLab Vardan EnviroLab Vardan I

Vardan EnviroLab Vardan EnviroLab Vardan

dan EnviroLab Vardan EnviroLab Vardan E

ardan EnviroLab Vardan EnviroLab Vardan EnviroLab Vardan EnviroLab Vardan EnviroLab Vardan Envirol lan EnviroLab Vardan EnviroLab dan Ers ROANALYSTH Env viroLab (Checked By) Vicated By

dan EnviroLab Vardan EnviroLab Vardan EnviroLab VardFor Brahmaputra Metallics Limited of nviroLab Vardan EnviroLab Vardan EnviroLab Vardan En

iroLab Vardan EnviroLab Vardan EnviroLab Vardan I

Director: Vardan Env www.vardan.co.in

Vardan EnviroLab Vardan I

Note: Terms & conditions refer on backside of test report. Vardan Enviro Lab Vardan Enviro Lab Vardan



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EnviroLab Vardan EnviroLab Vardan EnviroLab Test Report

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ardan EnviroLab Vardan EnviroLab Vardan EnviroLab Vardan EnviroLab Vardan EnviroLab Vardan EnviroLab

dan EnviroLab Vardan Envi VSample Number: 15 Vardan	VEL/BML/ST/01
Name & Address of Party:	M/s Brahmputra Metallics Ltd.
nviroLab Vardan EnviroLab	Village- Kamta, Block- Gola,
ardan EnviroLab Vardan Er	Distt Ramgarh, Jharkhand
EnviroLab Vardan EnviroL	ab Vardan EnviroLab Vardan I

Longitude: iroLab Vardan 85° 41' 56.78"E dan EnviroLab Vardan EnviroLab Varda

nviroLab Vardan EnviroLab Vardan EnviroLab Vardan EnviroLab Vard

an EnviroLab Vardan EnviroLal Report No.: VEL/ST/2103/18/001 ian Enviro Format No.: Enviro Lal7.8 F-01 n Enviro Lab Varda wiroLab V Party Reference No.: "NILEnviroLab Vardan Envir Reporting Date:

Latitude: Lab Vardan Env. 23° 31' 40.79" Nenviro Lab Vardan Enviro Period of Analysis: 01 at 18/03/2021 - 22/03/2021 EnviroLab Vardan En Receipt Date: dan Envir 18/03/2021 dan EnviroLab Va

ab Vardan EnviroLab Vardan EnviroLab Vardai

22/03/2021 " Enviro Lab Varo

b Vardan EnviroLab Vardan EnviroLab Vardai

roLab Vardan EnviroLab Vardan EnviroLab Vardan I

nviroLab Vardan EnviroLab Vardan EnviroLab Vardan

EnviroLab Vardan EnviroLab Vardan EnviroLab Vardan Enviro

Sample Description:

da	General Information:-
d	Sample collected by
D)	Date of Sampling nyiroLab Vard
a	Sampling Location and EnviroL

Sampling Duration (Minutes)

da Stack/Attaclied/to-dan EnviroLab Vardan EnviroLab Vardan EnvDRLKlin/ardan EnviroLab Vardan EnviroLab Vardan En

nv Make of Stackn EnviroLab Vardan EnviroLab Vardan Envirol: a Iron rdan EnviroLab Vardan EnviroLab Vardan EnviroLa Metrological Condition EnviroLab Vardan EnviroLab Vardan EnviroLab Vardan EnviroLab Vardan EnviroLab Vardan I

Va**Control Measure**b Vardan EnviroLab Vardan EnviroLab Vardan **ESP**viroLab Vardan EnviroLab Vardan EnviroLab Vardan

da Instrument Calibration Status Lab Vardan EnviroLab Vardan Er: Calibrated rdan EnviroLab Vardan EnviroLab Vardan Diameter of Stack

2.3.97 meter

ardan EnviroLab Vardan EnviroLab Vardan Height of Stack (m) nviroLab Vardan EnviroLab Vardan Envir : 69 meter an

da Ambient Temperature-Ta (°C) Lab Vardan Enviro Lab Vardan Er: 36.0 ab Var

Temperature of Stack Gases-Ts (°C)

Velocity of Stack Gases (m/sec.)

ar Flow rate of PM (LPM) n Enviro Lab Vardan Enviro Lab Vardan E14.0 o Lab Vardan Enviro Lab Vardan En

Flow rate of Gas (LPM) rolab Vardan Envirolab Vardan Envirolab Vardan Envirolab Vardan Envirolab Vardan Enviro

Sampling Condition

da Protocol Used Vardan Enviro Lab Vardan Enviro Lab Vardan En IS: 11255 ardan Enviro Lab Vardan Enviro Lab Vardan En

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Vardan	Enviro	Lab	Renre	sentative

rdan EnviroLab Vardan EnviroLa 15/03/2021 EnviroLab Vardan EnviroLab Vardan EnviroLa

oLab Vardan EnviroLab Vardan EDG Set Areaardan EnviroLab Vardan EnviroLab Vardan I Vardan EnviroLab Vardan EnviroL320 Vardan EnviroLab Vardan EnviroLab Vardan Enviro

Name of the Plant, Vardan EnviroLab Vardan EnviroLab Vardan DRI Klin (8 MW) dan EnviroLab Vardan EnviroLab Vardan

da Instrument Used rdan EnviroLab Vardan EnviroLab Vardan Ei Stack monitoring Kit iroLab Vardan EnviroLab Vardan Em

Vardan EnviroLab Vardan 168.0 TO

: 9.42

in EnviroLab Vardan EnviroLab Vardan EnviroLab V ardan EnviroLab Vardan EnviroLab Vardan EnviroLab

Sanool	ab Vardan Parameterb Vardan E	nviroLab Vardan Protocol ab Vardan Enviro	Lab Resultan E	nviro Lab Unit dan Env
a n Env /ardan	Particulate Matter (PM)	IS 11255 (P-1) Gravimetric Method	40.66	mg/Nm³
т2.Епу	Nitrogen Dioxide (as NO2) Lab Ward	n EnvilS 11255 (P-7) Colorimetric Methoddan En	viro 23.12/ard:	n Envirmg/Nm³/ardan
/ij3pLa	Carbon Dioxide (as CO ₂)	WOLAD VARCIS 13270 Orsat Method an Envirola	ib Va 6.02 n Env	iroLab Va%lan Envir
4	Sulphur Dioxide (SO2)	IS 11255 (P-2) Titrimetric Method	34.20	mg/Nm³

nviroLab Vardan EnviroLab Vardan EnviroLab Vardan EnviroLab Vardan EnviroLab Vardan EnviroLab Vardan EnviroLa

nviroLab (Tested By)

days pviroLab Vardan EnvirARUUNdRAWA Lab Vardan EnviroLab oLab Vardan EnviroLab Vard (Checked By) olardan EnviroLab Varda an EnviroLab Vardan EnviroLab Vardan EnviroLab Vardan EnviroLab

TYROPP DUBEYEnviroLab Vardan EnviroLab Vardan EnviroLab Vardan EnviroLab

dan EnviroLab Vardan EnviroLab Vardan EnviroLab Vardan EnviroLab Vardan EnviroLab Vardan EnviroLab Vardan

roLab Vardan EnviroLab Vardan Env Var For Brahmaputra Metallics Limited

Director

Note: Terms & conditions refer on backside of test report. Vandan Enviro Lab Vandan Envirol



EnviroLab Vardan EnviroLab Vardan EnviroLab Vardan EnviroLab Vardan EnviroLab Vardan EnviroLab Vardan Enviro

ardan EnviroLab Vardan EnviroLab Vardan EnviroLab Vardan EnviroLab Vardan EnviroLab Vardan EnviroLab

EnviroLab Vardan Envi Sample Number: Vardam VEL/BML/ST/02 EnviroLab Name & Address of Party: M/s Brahmputra Metallics Ltd. nviroLab Vardan EnviroLab Village- Kamta, Block- Gola, Enviro ardan EnviroLab Vardan En Distt.- Ramgarh, Jharkhand

Latitude: Lab Vardan Env. 23° 31' 41.06"N

Longitude: IroLab Vardan 85° 41' 56.11"E

oLab Vardan EnviroLab Vardan EnviroLal Report No.: rdan En VEL/ST/2103/18/002

> Format No.: EnviroLa 7.8 F-01 n EnviroLab NILEnviroLab Vardan E Party Reference No.:

22/03/2021 Reporting Date:

18/03/2021 - 22/03/2021Period of Analysis:

Vardan EnviroLab Vardan EnviroLab Vardan Enviro

Date of Sampling nviroL

Sampling Duration (Minutes)

Make of Stackn EnviroLab Vardan EnviroLab Vardan Envirol: Iron rdan EnviroLab Vardan EnviroLab Vardan EnviroLa

Metrological Condition EnviroLab Vardan EnviroLab Vardan.

Instrument Usedrdan EnviroLab Vardan EnviroLab

Control Measureb Vardan EnviroLab Vardan Instrument Calibration Status Lab Vardan

Diameter of Stack

Height of Stack (m) nviroLab Vardan

Ambient Temperature-Ta (°C)

Temperature of Stack Gases-Ts (°C)

Velocity of Stack Gases (m/sec.)

Flow rate of PM (LPM) | Envirol ab Vandan

Flow rate of Gas (LPM) OLab Vardan Envirol

Sampling Condition and EnviroLab Vardan EnviroLab Vardan

da Protocol Used Vardan EnviroLab Vardan EnviroLab Vardan En IS: 11255/ardan EnviroLab Vardan EnviroLab Vardan En

Vardan Enviro Lab Representative

ab Vardan EnviroLab Vardan EnviroLa 15/03/2021 EnviroLab Vardan EnviroLab Vardan EnviroLa

Sampling Locationardan EnviroLab Vardan EnviroLab Vardan EDG Set Areaardan EnviroLab Vardan EnviroLab Vardan I /ardan EnviroLab Vardan EnviroLab Vardan Enviro

33.0

Name of the Plant, Vardan EnviroLab Vardan EnviroLab Varda: Power Stack (10 MW) EnviroLab Vardan EnviroLab Vardan

da Stack Attached to dan Enviro Lab Vardan Envir

Clear Sky Vardan EnviroLab Vardan EnviroLab Vardan I

Vardan E: Stack monitoring Kit

ab VardanESPviroLab Vardan

ardan E: Calibrated Idan **3.97** meter

ardan Er: v36.0.ab \

: 169.0

: 9.48

SiNon	ab Vardan Parameterb Vardan E	TVITOLAB Vardam Protocol ab Vardan Enviro	Lab Resultan E	nviroLab Unit dan Env
Vardan	Particulate Matter (PM)	IS 11255 (P-1) Gravimetric Method	41.76	mg/Nm³
dar2Em	Nitrogen Dioxide (as NO2) Lab Vard	n EnvilS 11255 (P-7) Colorimetric Method dan En	virol20.51/ard	in Envirmg/Nm³/ardan
nviigoLa	Carbon Dioxide (as CO ₂)	iroLab Var IS 13270 Orsat Method an EnviroLi	ib Va5.72n Env	iroLab Va%lan Enviro
4.	Sulphur Dioxide (SO2)	IS 11255 (P-7) Titrimetric Method	31.76	mg/Nm³

nviroLab Vardan EnviroLab Vardan EnviroLab Vardan EnviroLab Vardan EnviroLab Vardan EnviroLab Vardan EnviroLa

Vardan EnviroLab Vardan EnviroLab Vardan

and For Brahmaputra Metallics Limited

Director

Note: Terms & conditions refer on backside of test report: Vardan EnviroLab Vardan EnviroLab Vardan



EnviroLab Vardan EnviroLab Vardan EnviroLab Vardan EnviroLab Vardan EnviroLab Vardan EnviroLab Vardan Enviro

Sample Number: VEL/BML/ST/03 Report No.: VEL/ST/2103/18/003 Name & Address of Party: vi M/s Brahmputra Metallics Ltd. dan Enviro Format No.: Enviro Lal 7.8 F-01 n Enviro Lab nviroLab Vardan EnviroLab Village- Kamta, Block- Gola, EnviroLab V ardan EnviroLab Vardan En Distt.- Ramgarh, Jharkhandb Vardan Env nviroLab Vardan EnviroLa Latitude: Lab Vardan Env. 23° 31' 38.19"N

Longitude: rolab Vardan 85° 41' 56.78"E

Party Reference No.:

Reporting Date: Period of Analysis:

Receipt Date: an Envir18/03/2021 an EnviroLa

NILEnviroLab Vardan En

22/03/2021

18/03/2021 - 22/03/2021

Vardan EnviroLab Vardan EnviroLab Vardan Enviro

Sample Description:

General Information:-Sample collected by

Date of Sampling myiroLab

ar Sampling Location rdan Envirol

Sampling Duration (Minutes)

nviMake of Stackn EnviroLab Vardan EnviroLab Vardan Envirol; alron rdan EnviroLab Vardan EnviroLab Vardan EnviroLa Metrological Condition EnviroLab Vardan EnviroLab Vardan

Va**Control Méasure**b Vardan EnviroLab Vardan EnviroLab Vardan**ESP**viroLab Vardan EnviroLab Vardan EnviroL

da Instrument Calibration Status Lab Vardan EnviroLab Vardan En Calibrated rdan EnviroLab Vardan EnviroLab Vardan En

Diameter of Stack

Nardan EnviroLab Vardan EnviroLab Vardan EnviroLab Vardan EnviroLab Vardan

Height of Stack (m) nviroLab Vardan EnviroLab Vardan Envir : 30 meter

da:Ambient Temperature-Ta (°C). ab Vardan Enviro Lab Vardan Er: 36.0 ab V

Temperature of Stack Gases-Ts (°C)

Velocity of Stack Gases (m/sec.)

Flow rate of PM (LPM) | EnviroLab Vardan

Flow rate of Gas (LPM) OLab Vardan

Sampling Condition

da Protocol-Used Vardan Enviro Lab Vardan Enviro

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Vardan	Enviro	Lah	Repre	sentative	p.

EnviroL: 15/03/2021 EnviroLab Vard

Vardan : DG Set Areaardan EnviroLab

virolat Vardan EnviroLab Vardan EnviroLab Vardan Enviro

Name of the Plant Vardan EnviroLab Vardan EnviroLab Varda: Steel Melting Shop StackviroLab Vardan EnviroLab Vardan

da Stack Attached to dan Enviro Lab Vardan Envir

da Instrument Usedrdan EnviroLab Vardan EnviroLab Vardan EnviroLab Vardan EnviroLab Vardan EnviroLab Vardan Env

ab Varda 171.0 rol

: 8.67

iroLab Vardan E24.0 oLab Vardan Envir

Vardan Envirol2.0 Vardan EnviroLab V

n EnviroLab Vardan EnviroLab Vardan Envirol ab Vardan EnviroLab Vardan EnviroLab Vardan EnviroLab Vardan EnviroLab

ES. Nool	nvîroLab Vardan EnviroLab Va ab Vardan EParameterb Vardan E	dan EnviroLab Vardan EnviroLab Vardan InviroLab Vardan IProtocol ab Vardan Enviro	Result	dan EnviroLab Varda nviroLab Unit dan Envi
lan Env Vardan	Particulate Matter (PM)	IS 11255 (P-1) Gravimetric Method	34.05	mg/Nm³
dar2Env	Nitrogen Dioxide (as NO2) Lab Vard	n EnvilS 11255 (P-7) Colorimetric Method dan En	virol24.80/arda	n Envirmg/Nm³/ardan
ıviı39La	Carbon Dioxide (as CO ₂)	iroLab VardIS 13270 Orsat Method an EnviroLa	ib Van 780 Env	iroLab Va%lan Enviro
4.	Sulphur Dioxide (SO2)	IS 11255 (P-7) Titrimetric Method	28.96	mg/Nm³

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nyiroLab Vardan EnviroLab Vardan EnviroLab Vardan EnviroLab Vardan EnviroLab Vardan EnviroLab Vardan EnviroLab

ab Vardan Envirol ab Vardan ard For Brahmaputra Metallics Limited

Director

(Approved By)

Note: Terms & conditions refer on backside of test report. Vandan Enviro Lab Vardan Enviro



EnviroLab Vardan EnviroLab Vardan EnviroLab Vardan EnviroLab Vardan EnviroLab Vardan EnviroLab Vardan Enviro dan EnviroLab Vardan EnviroLab Vardan EnviroLab Vardan EnviroLab Vardan EnviroLab Vardan EnviroLab Vardan

Latitude: Lab Vardan Env Longitude: 85° 41' 56.78"E

Name & Address of the En M/s Brahmputra Metallics Ltd. ardan Envi Format No.: an EnviroLab 7.8 F-01n EnviroLab Vardan nvProject: Vardan EnviroLaVillage- Kamta, Block- Gola, an EnviroLab Party Reference No.: Vard ardan EnviroLab Vardan Distt.- Ramgarh, Jharkhand ab Vardan En Reporting Date: Vardan Enviro 23° 31' 40.79"N Viro Lab Vardan Enviro

Period of Analysis: Receipt Date:

V Sample Number: b Vardar VEL/BML/A/01 rdan Enviro Lab Vardan Report No.: Vardan Envir VEL/F/2103/18/001 ro Lab Vardar NIEnviroLab Vardan Envir 22/03/2021 18/03/2021 - 22/03/2021

ıb Vardan EnviroLab Vardan Em

General Information:-

Sample collected by ardan EnviroLab Vardan EnviroLab Varda

ny Instrument Calibration Status and an EnviroLab Vardan EnviroLab Calibrated EnviroLab Vardan EnviroLab Vardan EnviroLa ar Meteorological condition during monitoringan EnviroLab Vardan ErClear Sky Vardan EnviroLab Vardan EnviroLab Vardan I

dan EnviroLab Vardan EnviroLab

ErAmbient Temperature (°C) ab Vardan EnviroLab Vardan EnviroL Min. 25°CII EMax. 34°C Vardan EnviroLab Vardan Enviro nviroLab Vardan EnviroLab Vardan Env

Surrounding Activity

ny Control measure if Any Lab Vardan Enviro Lab Vardan Enviro Lab Nordan Enviro Lab Vardan Enviro Lab Vardan Enviro La

ar Sampling & Analysis Protocol rolab Vardan Envirolab Vardan EriS-5182 & CPCB Guide lines ab Vardan Envirolab Vardan I

V	ard	lan	Envi	ro .	Lab	Rep	ores	enta	itive	
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Vardan EnviroLab Vardan EnviroLab Vardan EnviroLab Vardan Enviro

da Instrument Used rdan Enviro Lab Vardan Enviro

Human, Vehicular, & Other Plant Activities

Scope of Monitoring in EnviroLab Vardan EnviroLab Vardan EnviroLab Vardan EnviroLab Vardan EnviroLab Vardan En

Parameter Required Vardan EnviroLab Vardan EnviroLab Vardan EnviroLab Vardan Enviro n EnviroLab Vardan EnviroLab Vardan Envi

dan EnviroLab Vardan EnviroLab Vardan	EnviroLab Vardan EnviroLab	Vardan EnviroLab Var	SPM
nvis. No. b Vardan Environardan Envi	OLab V Date of Sampling ab Vard	an Envir Protocolardan E	hviroLab vardan Enviro
ardan EnviroLab Vardan EnviroLab Vard	an EnviroLab Vardan EnviroL	ab Vardan EnviroLab V	ardan E(ng/m3) ab Vardar
EnviroLab Vardan EnviroLab Vardan En	virolab Vardan Envirolab Va	dan Envirol ab Vardan	EnviroLab Vardan Envi
DRI- Raw Material Section	EnviroLa 16/03/2021 EnviroLab	IS: 5182 (P-23), 2006	Jan Env 255.20 b Vardan E

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nviroLab Vardan EnviroLab Vardan EnviroLab Vardan EnviroLab ardan EnviroLab Vardan EnviroLab Vardan EnviroLab Vardan Env ardan EnviroLab Vardan Enviro ardan ErARJUN/RAWAT/iroLab - (Checked By) EnviroLab Vardan EnviroLab Vardan EnviroLab Vardan EnviroLab Vardan EnviroLab Vardan EnviroLab Vardan dan EnviroLab Vardan EnviroLab Vardan EnviroLab Vardan EnviroLab Vardan EnviroLab Vardan EnviroLab Vardan Vardan EnviroLab Vardan dan EnviroLab Vardan EnviroLab Vardan EnviroLab Vardan EnviroLab Vardan EnviroLab Vardan EnviroLab Vardan nviroLab Vardan EnviroLab Vardan EnviroLab Vardan EnviroLab Vardan EnviroLab Vardan EnviroLab Vardan EnviroLab ardan EnviroLab Vardan EnviroLab Vardan EnviroLab Vardan EnviroLab Vardan EnviroLab Vardan EnviroLab Vardan I iroLab Vardan EnviroLab Vardan EnviroLab Vardan EnviroLab Va nviroLab VardFor Brahmaputra Metallics Limited oLab Vardan EnviroLab Vardan Vardan EnviroLab Vardan Director Vardan Env

(Note: Terms & conditions refer on backside of test report. Vardan EnviroLab Vardan EnviroLab Vardan

Ph: 0124-4343750/752/753, 9810355569, 9953147268 E-mail: lab@vardanenvironet.com, bd@vardanenvironet.com



Test Report

Varian EnviroLab Vardan Env

FUGITIVE DUST MONITORING REPORT

nviroLab Vardan EnviroLab Vardan EnviroLa ardan EnviroLab Vardan EnviroLab Vardan E General Information: ViroLab Vardan EnviroLab EnviroLab Vardan EnviroLab Vardan EnviroLab Vardan Enviro Sample collected by ardan EnviroLab Vardan Vardan Enviro Lab Representative Instrument Used rdan EnviroLab Vardan E RDS with all Accessories :a Calibrated EnviroLab Vardan EnviroLab Vardan EnviroLa Instrument Calibration Status ar Meteorological condition during monitoring an EnviroLab Vardan Erclean Sky, Vardan EnviroLab Vardan EnviroLab Vardan I ErAmbient Temperature (°C) ab Vardan EnviroLab Vardan EnviroLMin. 25°C in EMax. 34°C Vardan EnviroLab Vardan Enviro Surrounding Activity EnviroLab Vardan En Regulatory Requirement Scope of Monitoring EnviroLab Vardan EnviroLab Vardan ny Control measure if Any Lab Vardan Enviro Lab Vardan Enviro Lat Noardan Enviro Lab Vardan Enviro Lab Vardan Enviro La ar Sampling & Analysis Protocol rollab Vardan Envirolab Vardan E IS-5182 & CPCB Guide lines ab Vardan Envirolab Vardan I Parameter Required ViroLab Vardan EnviroLab Vardan EnviroLas Per Client Requirement and EnviroLab Vardan Enviro iroLab Vardan EnviroLab Vardan Em dan EnviroLab Vardan EnviroLab Vardan

IVS.No.b Vardan Envirocation ardan Environation Environation Environation Environation Vardan Vardan Environation Vardan	roLab V Date of Sampling ab Vard Ian EnviroLab Vardan EnviroL	an Envir Protocolardan E ab Vardan EnviroLab V	SPM nviroLab Vardan Env ardan (µg/m3) ab Var
1. CPP- Near CHP Area	16/03/2021	IS: 5182 (P-23), 2006	268.70

dan EnviroLab Vardan En



EnviroLab Vardan EnviroLab Vardan EnviroLab Vardan EnviroLab Vardan EnviroLab Vardan EnviroLab Vardan Enviro dan EnviroLab Vardan EnviroLab Vardan EnviroLab Vardan EnviroLab Vardan EnviroLab Vardan EnviroLab Vardan Env Vardan EnviroLab Vardan

Sample Number: EnviroLaVEL/BML/A/03 roLab Vardan EnviroLab Report No.: viroLab VardVEL/F/2103/18/003 dan EnviroLa

iviroLab Vardai 23° 31' 38.19"Nirdan EnviroLab Vardan Latitude: OLab Vardan En Longitude: rdan Envirol.

ardan EnviroLab Vardan EnviroLa

a Name & Address of the an M/s Brahmputra Metallics Ltd. Vardan Erformat No.: rdan EnviroL7.8 F-01 an EnviroLab Vardan i Project: D Vardan Enviro Village- Kamta, Block- Gola, dan Enviro L dan EnviroLab Vardan En Distt. Ramgarh, Jharkhand Vardan Env

85° 41' 56.78"E

Party Reference No.: NIL EnviroLab Vardan Enviro Reporting Date:

Period of Analysis: Receipt Date:

dan EnviroLab Vardan EnviroLab Vardan EnviroLab Vardan EnviroLab Vardan EnviroLab Vardan EnviroLab Vardan

22/03/2021

18/03/2021 - 22/03/2021

EnviroLab Vardan EnviroLab Vardan EUGI

General Information:-

Sample collected by iroLab vardan EnviroLab

ErInstrüment Calibration Status Vardan EnviroLab Vardan EnviroLCalibrated n EnviroLab Vardan EnviroLab Vardan Enviro

da Meteorological condition during monitoring EnviroLab Vardan Envirolab Vardan EnviroLab Vardan EnviroLab Vardan Env

Ambient Temperature (°C) EnviroLab Vardan EnviroLab Vardan Min. 25°C b Max. 34°C viroLab Vardan EnviroLab Vardan Surrounding Activity EnviroLab Vardan EnviroLab Vardan Env

ErControl measure if AnyroLab Vardan EnviroLab Vardan EnviroLNo Vardan EnviroLab Vardan EnviroLab Vardan Enviro

Parameter Required

As Per Client Requirement

Vardan Enviro Lab Representative

ar Instrument Used Vardan EnviroLab Vardan EnviroLab Vardan E RDS with all Accessories roLab Vardan EnviroLab Vardan I

Human, Vehicular, & Other Plant Activities

ar Scope of Monitoring dan EnviroLab Vardan EnviroLab Vardan: Regulatory Requirement, roLab Vardan EnviroLab Vardan I

Sampling & Analysis Protocol Lab Vardan EnviroLab Vardan EnviroLab Vardan EnviroLab Vardan EnviroLab Vardan Env

n EnviroLab Vardan EnviroLab Vardan Env

Ers. No. Lap Vardan En Location Vardan En	VITOL ab Date of Sampling Lab Var	dan Enverol an Vardan Envi	roLSPM ardan En
dan EnviroLab Vardan EnviroLab Vardan	EnviroLab Vardah EnviroLab	Vardan EnviroLab Vardan E	n (µg/m3)) Vardan
1 SMS- Near Billet Storage Yard	16/03/2021	IS: 5182 (P-23), 2006	249.20

nviroLab Vardan EnviroLab Vardan EnviroLab Vardan EnviroLab Vardan EnviroLab Vardan EnviroLab Vardan EnviroLab

EnviroLa ARJUN RAW T ab Vardan Em (Checked By) Vardan EnviroLab Vardan dan EnviroLab Vardan EnviroLab Vardan EnviroLab Vardan EnviroLab Vardan EnviroLab Vardan EnviroLab Vardan En nviroLab Vardan EnviroLab Vardan EnviroLab Vardan EnviroLab Vardan EnviroLab Vardan EnviroLab Vardan EnviroLab oLab Vardan EnviroLab Vardan Enviro VardFor Brahmaputra Metallics Limited ab Vardan EnviroLab Vardan Envirol



EnviroLab Vardan EnviroLab Vardan EnviroLab Vardan EnviroLab Vardan EnviroLab Vardan EnviroLab Vardan EnviroLab dan EnviroLab Vardan EnviroLab Vardan EnviroLab Vardan EnviroLab Vardan EnviroLab Vardan EnviroLab Vardan Env

Name & Address of the En M/s Brahmputra Metallics Ltd. and an Environment No.: an Environment T.8 F-01 Environment Programment No.: an Environment Programment No.: an Environment No.: an

ardan EnviroLab Vardan Distt. Ramgarh, Jharkhand ab Vardan Er

Vardan Enviro 23° 31° 48.34"N viro Lab Vardan Envirol Latitude: Lab Vardan En 85° 41' 51.23"E

VSample Number: b Varda VEL/BML/A/04 dan EnviroLab Vardan Report No.: Vardan Envir VEL/F/2103/18/004

nvProject: Vardan EnviroLaVillage- Kamta, Block- Gola, an EnviroLab Party Reference No.: Vard NIE nviroLab Vardan EnviroLa

01-22/03/2021 EnviroLab Varo Reporting Date: Period of Analysis:

Receipt Date:

oLab Vardan EnviroLab Vardan EnviroLab

18/03/2021

Sample collected by ardan EnviroLab Vardan

da Instrument Used rdan Enviro Lab Vardan Enviro nv Instrument Calibration Status and an Enviro Lab Vardan Enviro Lab Calibrated Enviro Lab Vardan Enviro Lab Vardan Enviro Lab

ar Meteorological condition during monitoring an EnviroLab Vardan E Clear Sky Vardan EnviroLab Vardan EnviroLab Vardan i

EnAmbient Temperature (°C) ab Vardan EnviroLab Vardan Envir : LMin. 25°Cm EMax. 34°C Vardan EnviroLab Vardan Enviro

Scope of Monitoring in EnviroLab Vardan EnviroLab Vardan EnviroLab Vardan EnviroLab nviControl measure if Any Lab Vardan Enviro Lab Vardan Enviro Lat Noardan Enviro Lab Vardan Enviro Lab Vardan Enviro La

ar Sampling & Analysis Protocol iroLab Vardan EnviroLab Vardan E IS-5182 & CPCB Guide lines ab Vardan EnviroLab Vardan I

Parameter Required NiroLab Vardan EnviroLab Vardan EnviroLab Vardan EnviroLab Vardan Enviro an EnviroLab Vardan EnviroLab Vardan Envi

Vardan Enviro Lab Representative

ardan E to RDS with all Accessories Lab Vardan Enviro Lab Vardan En

Surrounding Activity EnviroLab Vardan En

Regulatory Requirement Lab Vardan EnviroLab Vardan En

rv S. No.:b Vardan EnviroLa Location II EnviroLab Va	dan Date of Sampling Clan E	nviroLal Protocol n Enviro	Lab Varoa Enviro
ardan EnviroLab Vardan EnviroLab Vardan Envir		ardan EnviroLab Varda	n Envir(µg/m3) / ardar
1. FLY Ash Bricks Plant Near Material Section	16/03/2021	IS: 5182 (P-23), 2006	274.62

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EnviroLab Vardan EnviroLab ardan EnviroLab Vardan EnviroLab Vard EnviroLab Vardan EnviroLab Vardan EnviroLab Vardan EnviroLab Vardan EnviroLab Vardan EnviroLab Vardan Vardan EnviroLab Vardan EnviroLab Vardan ard For Brahmaputra Metallics Limited

Note: Terms & conditions refer on backside of test report. Vardan Enviro Lab Vardan Enviro Lab Vardan



nyiroLab Vardan EnviroLab Vardan EnviroLab Vardan EnviroLab Vard

Laboratory: Plot No. 82A, Sector - 5, IMT Manesar, Gurugram - 122051, Haryana NABL Accredited | MoEF&CC Recognized | ISO 9001 | ISO 14001 | ISO 45001

Sample Description: Sample Location:

Sample Number: Vardan Enviro VEL/BML/W/01 rotab Vardan Envirotab VReport No.: irotab VardaVEL/W/2103/18/001 ap Name & Address of Party: lan EnM/s Brahmputra Metallics Ltd./ardan Envirol Format No.: Envirolab \7.8 F-01Envirolab Vardat dan EnviroLab Vardan Enviro Village- Kamta, Block- Gola, dan EnviroLab Party Reference No.: ard Nil EnviroLab Vardan En nviroLab Vardan EnviroLab VaDistt.- Ramgarh, Jharkhand nviroLab Varda Reporting Date: rdan En 22/03/2021 ardan EnviroLa **Borewell Water Sanple** Near Intake Water Tank Vardan Envirola Sample Collected by: Vardan En Vardan Enviro Lab Representative Parameter Required dan Enviro As per Client Requirement and Envirol. Sampling & Analysis Protocol: VAS-3025, APHA ab Vardan Enviro Lab Varda Sampling Type: ardan En Grabab Vardan Enviro La Latitude: viroLab Vardan Enviro39 31' 50.28"E EnviroLab Vardan EnviroLa Sample Quantity: Lab Va 2.0 Ltr. + 200 mb Vardan Enviro Longitude Vardan EnviroLab Vardan EnviroLab Vardan EnviroLab Vardan EnviroLab Vardan EnviroLab Vardan EnviroLab Vardan Enviro

Period of Analysis: Receipt Date Date of Sampling: 16/03/2021

EnviroLab Vardan EnviroLab Vardan EnviroLab Vardan EnviroLab Vardan EnviroLab Vardan EnviroLab Vardan En

18/03/2021 - 22/03/2021

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Preservation: Refrigerated Nardam Em

Varda	n EnviroLab Vardan	EnviroLab Vardan EnviroLab Vardan	EnviroLab Vardan E	nviroLa	Limits of IS:	10500 -2012 Vard
ian Er S. No. L Irdan Envire Ian Er	iviroLab Vardan Env Parameter EnviroLal EnviroLab Vardan E pLab Vardan EnviroL IviroLab Vardan Env	iroLab Vardan EnviroLab Vardan EnviroLab Vardan EnviroLab Nordan EnviroLab Vardan EnviroLab Vardan EnviroLab Vardan EnviroLab Vardan EnviroLab Vardan EnviroLab Vardan Env	iroLab Vardan Envir y Vardan Result iroLab nviroLab Vardan Env ab Vardan EnviroLa roLab Vardan Envir	oLab Va ValUnit ViroLab Varda oLab Va	(Acceptable	Permissible limit in the Absence of Alternate Source
varda	pH (at 25 °C)	APHA ,4500-H ⁺ B Electrometric Method	EnviroL _{7.51} /ardan E	nviroLa	6.5 to 8.5	No Relaxation
v2roL	Colour dan EnviroLal	APHA ,2120 B, Visual Comparison Method	*BDL (**DL 5Hazen)	Hazen	EnvirðLab 1	ardan ¹⁵ nviro
ırşlan	Turbidity ab Vardan E	APHA, 2130 B, Nephlelometric Method	*BDL (**DL 0. 1 NTU)	NTU	Vardan Env	iroLabsvarda
a4ı Er	Odour ab Vardan Env	APHA, 2150 B, Threshold Test Method	Agreeable Agreeable	oLab Va	Agreeable	Agreeable
Varida Jan Fr	Taste	APHA, 2160 B, Threshold Test Method	Agreeable	nviroLa oLab Va	Agreeable	Agreeable
v6. oL	Total Hardness as CaCO ₃	APHA, 2340 C, EDTA Titrimetric Method	Varda 145.00 iroLab	/= mg/l	Envi200_ab	arda 600 nviro
nzlan Favir	Calcium as Ca	APHA, 3500 Ca B, EDTA Titrimetric Method	37.98	mg/l	ri EnviroLai	200
a8: Er	Alkalinity as CaCO ₃ Env	OL APHA, 2320 B, Titrimetric Method Env	roLab \154.16n Envir	Lmg/l/a	rdar200nvir	Lab \600dan I
9.	Chloride as Cl	APHA, 4500-Cl B, Argentometric Method	17.34 Envir	mg/l	250	1000
viopL	*Cyanide as CNnviroLa	Vardan ErAPHA, 4500 CN Di EnviroLa	*BDL(**DL 0.05 mg/l)	/a mg/ln	Envi0.05_ab	No Relaxation
ordan Envir	Magnesium as Mg	APHA , 3500 Mg B, Calculation Method	ab Vard 12.21 nviroLa	mg/l	n EnviroLa	100 E
1a12.E1	Total Dissolved Solids	APHA, 2540 C, Gravimetric Method	10Lab 329.00 Envir	mg/l	rdar500 VIII	2000
13.	Sulphate as SO ₄	APHA, 4500 E, Turbidimetric Method	roLab v8.67an Envir	mg/l	rda 200 _{nvir}	pLab (400 _{dan}
WIJOL	Fluoride as F EnviroLa	APHA, 4500-F-D, SPADNS Method	Vardan _{0.63} viroLab	mg/l	Funitio_ap	Vardan Isnviro
15.	Nitrate as NO ₃	IS 3025 (P-34) ,Chromotropic Method	ab Vard 5.42 nviroLa	mg/l	n En 45 o La	No Relaxation
16.	Iron as Fe	APHA, 3500-Fe B 1,10 Phenanthroline Method	0.10 0.10	mg/l	0.3	No relaxation
lak7.En virol	Aluminium as Allan Env	APHA, 3111 D Nitrous Oxide Acetylene Flame Method	*BDL(**DL 0.03 mg/l)	o mg/l/	rda0.03nvir Envirol ab	oLab V0.2dan Vardan Enviro
18.	Boron-oLab Vardan E	APHA, 4500B C, Carmine Method an E	*BDL(**DL 0.1 mg/l)	mg/l	Vard0.5 Em	iroLab Varda
lan Er	Total Chromium as Cr	APHA, 3111 B, Direct Air, Acetylene Flame Method	*BDL(**DL 0.03 mg/l)	mg/l	0.05 vir	No Relaxation

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Note: Terms & conditions refer on backside of test report. Vardan EnviroLab Vardan EnviroLab Vardan

Ph: 0124-4343750/752/753, 9810355569, 9953147268 E-mail: lab@vardanenvironet.com, bd@vardanenvironet.com



Laboratory: Plot No. 82A, Sector - 5, IMT Manesar, Gurugram - 122051, Haryana NABL Accredited | MoEF&CC Recognized | ISO 9001 ISO 14001 ISO 45001 wire Lab Vardan Enviro Lab Vardan Enviro

Vardan EnviroLab Vardan EnviroLab Vardan Enviro viroLab Vardan EnviroLab Vardan EnviroLab Vardar dan EnviroLab Vardan En nviroLab Vardan EnviroLab Vardan EnviroLab Vardan EnviroLab Vardan EnviroLab Vardan EnviroLab Vardan EnviroLa ardan EnviroLab Vardan EnviroLab Vardan EnviroLab Vardan EnviroLab Vardan EnviroLab Vardan EnviroLab Vardan E EnviroLab Vardan Enviro dan EnviroLab Vardan EnviroLab Vardan EnviroLab Vardan EnviroLab Vardan EnviroLab Vardan EnviroLab Vardan Em

nviroL	No.: VEL/BML/W/01	iviroLab yardan EnviroLab yardan Ib Vardan EnviroLab yardan Envir	beab vardan Envirol	ab vardan	dall clivitor	V/2103/18/001 :10500-2012
S. No Varda dan Ei	EnviroLab Vardan bLab Vardan Enviro viroLParameteran En n EnviroLab Varda viroLab Vardan En	EnviroLab Vardan EnviroLab Varda Lab Vardan EnviroLab Vardan Env viroLab Var-Test-Method Lab Vardan n EnviroLab Vardan EnviroLab Var viroLab Vardan EnviroLab Vardan	in EnviroLab Vardar IroLab Vardan Envir Envirol Resultindan E dan EnviroLab Vard EnviroLab Vardan E	EnviroLab oLab Varda nvirdnifo Va an EnviroLa nviroLab Va	Requirement (Acceptable) Limit	Permissible limit in the Absence of Alternate Source
n\20.0L ardan	Phenolic Compounds	APHA, 5530 C Chloroform Extraction Method	*BDL(**DL 0.001 mg/l)	ab mg/l-an EnviroLab	0.001 Vargan Envir	0.002 oLa area
21.	*Mineral Oil	Clause 6 of IS:3025(Part 39)	*BDL(**DL 0.01mg/l)	mg/l	rdan envirol	No Relaxation
v22:da dan Er	*Anionic Detergents as MBAS	Env APHA, 5540 C MBAS Method Var ViroLab Vardan EnviroLab Vardan	*BDL(**DL 0.02 mg/l)	an Emg/hol.a nviroLab Va	b Var 0.2n Env rdan Envirol	iiroLal:0Vard ab Vardan I
n\23.oL ardan	Zinc as Znn EnviroL EnviroLab Vardan	APHA, 3111 B, Direct Air, Acetylene Flame Method	oLab Var0.651 Envirol In EnviroLab Vardar	ab mg/dan EnviroLab	Enviro 5 .ab Va Vardan Envir	rdan I5viro oLab Varda
E24.ir	Copper as Cu	APHA, 3111 B, Direct Air, Acetylene Flame Method	* BDL(**DL 0.03 mg/l)	oLalmg/hrda wiroLab Va	n Env0.05 Lab rdan Envirol	Vardah5Envi ab Vardan B
V25:da dan Er	Manganese as Mn	APHA, 3111 B, Direct Air, Acetylene ar	*BDL(**DL 0.06 mg/l)	an Emg/ItoLa nviroLab Va	b Var0lan Env rdan Envirol	riroLa0:3Vard ab Vardan I
m26.oL ardan	Cadmium as Cd	APHA, 3111 B, Direct Air, Acetylene Flame Method	aLab Va*BDL Envirol In EnviroLab Vardar	ab mg/ban Envirotab	Envi 0.003 b Va Vardan Envi	No Relaxation
E27/ire dan Er	Lead as Pb	APHA, 3111 B, Direct Air, Acetylene Flame Method	iroLab *BDL ^{III} Envir EnviroLab Vardan E	oLalmg/lirda wiroLab Va	n Envo.01Lab rdan Envirol	No Relaxation
V28,da	Selenium as Se Varda	APHA, 3114 B, Manual Hydride Generation	*BDL(**DL 0.01 mg/l)	mg/lola	b Varo.on En	No Relaxation
29.	Arsenic as As	APHA , 3114 B, Manual Hydride Generation	*BDL(**DL 0.01 mg/l)	ab mg/l	0.01 va	rdan 0.05
30.	Mercury as Hg	APHA, 3112 B, Cold Vapour AAS Method	*BDL (**DL 0.001 mg/l)	oLa mg/larda	0.001	No Relaxation
dag j. Er Varda	Total Coliform dan En n EnviroLab Varda	viroLab Varda IS 1622 roLab Vardan n EnviroLab Vardan EnviroLab Var	EnviroLab 2Vardan E dan EnviroLab Vard	MPN/100ml		etectable in any sample
d32. EI nviroL	iE. Coli ab Vardan Er ab Vardan EnviroL	viroLab Varda _{IS 1622} roLab Vardan ab Vardan EnviroLab Vardan Envir	Enviro Absentardan E oLab Vardan Enviro	MPN/100ml		etectable in any sample

Note: - *BDL-Below Detection Limit, **DL- Detection Limit. *These parameter are not covered in our NABL scope.

dan EnviroLab Vardan EnviroLab Vardan EnviroLab Vardan EnviroLab Vardan EnviroLab Vardan EnviroLab Vardan Env Vardan EnviroLab Vardan dan EnviroLab Vardan En nviroLab Vardan EnviroLab Vardan EnviroLab Vardan EnviroLab Vardan EnviroLab Vardan EnviroLab Vardan EnviroLa TABB VAYAR EnviroLab Vardan EnviroLab Vardan EnviroLab Vardan EnviroLab

an EnviroLab Vardan Env dan Enwito Vardan Englested By ardan EnviroLab Vardan E dan EnviroLab Vardan Envir

(Checked By) Checked By) EnviroLab Vardan Enviro ardan EnviroLab Vardan EnviroLab V dan Envir nviroLab Vardan EnviroLab Vardan EnviroLab Pardan rdan EnviroLab Vardan EnviroLab Varda ardan EnviroLab Vardan EnviroLab Vardan EnviroLab Vardan EnviroLab Vardan EnviroLab EnviroLab Vardan EnviroLab Vardan EnviroLab Vardan EnviroLab Vardan EnviroLab Vardan EnviroLab Vardan EnviroLab dan EnviroLab Vardan dan EnviroLab Vardan En nviroLab Vardan EnviroLab Vardan EnviroLab Vardan EnviroLab Vardan EnviroLab Vardan EnviroLab Vardan EnviroLa ardan EnviroLab Vardan Enviro dan EnviroLab Vardan EnviroLab Vardan EnviroLab Vardan EnviroLab Vardan EnviroLab Vardan EnviroLab Vardan Env Vardan EnviroLab Vardan dan EnviroLab Vardan EnviroLab Vardan EnviroLab VardFor Brahmaputra Metallics LimitedoLab Vardan EnviroLab Vardan EnviroLab Vardan EnviroLab nviroLab Vardan EnviroLab Vardan EnviroLab Vardan En-/ardan EnviroLab Vardan EnviroLa viroLab Vardan EnviroLab Vardan I ardan EnviroLab Vardan EnviroLab Vardan EnviroLab Va

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Laboratory: Plot No. 82A, Sector - 5, IMT Manesar, Gurugram - 122051, Haryana NABL Accredited | MoEF&CC Recognized | ISO 9001 ISO 14001 ISO 45001 principal Varian Enviro Lab Varian Enviro

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Sample Number: Vardan Enviro VEL/BML/W/02 To Lab Vardan Enviro Lab

Name & Address of Party: nviroLab Vardan EnviroL

ardan EnviroLab Vardan Envi Sample Collected by: Vardan Enviro Lab Representative an Enviro Date of Sampling: OLab 16/03/2021 viro Lab Vardan

viroLab Vardan Env

Latitude: ab Vardan EnviroLab

nviroLab Vardan EnviroLab Vardan EnviroLab Vardan EnviroLab Vard

M/s Brahmputra Metallics Ltd. Village- Kamta, Block- Gola, Distt.- Ramgarh, Jharkhand Sample Description: EnviroLab Surface Water sample ardan EnviroLab Sample Location: Vardan Enviro Bhera River, (Upstream) Vardan Enviro Lab Vardan Envi

Parameter Required dan Enviro As per Client Requirement ardan Envirol IS-3025, APHA ab Vardan EnviroLab Varda Sampling Type; "dan En Grab ab Vardan EnviroLa Sampling & Analysis Protocol:

23° 31' 55.35"E Longitude: oLab Vardan Enviro 85° 41° 44.42" Enviro Lab Vardan Env

Format No.:

Party Reference No.:

Reporting Date: 22/03/2021

ab Preservation: OLab Vard Refrigerated b Vardam En

EnviroLab Vardan EnviroLab Sample Quantity: 2.0 Ltr. + 200 ml EnviroLab Vardan EnviroLa

Report No.: VEL/W/2103/18/002

7.8 F-01

Nil

ard Period of Analysis: dan E18/03/2021 - 22/03/2021

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das. No.	Parameteran Envirol	ib Vardan Erryl Test-Method an Enviro Lab V	ardan En Result b Vardar	Enviroume Var
nviroLab in Enviro	ah Vardan EnviroLab ya	Vandan EnviroLab Vardan EnviroLab Vardan	lan EnviroLab Vardan E	nviroLab Varda
ardan En	v roLab Vardan Envir	Lab Vardan EnviroLab Vardan EnviroLab	Vardan EnviroLab Vard	an EnviroLab V
in Enviro	pH (at 25 °C)	APHA ,4500-H" B Electrometric Method	7.39	nviroLa <u>b</u> Varda
da ² i Envi	Colourardan Envirol	APHA ,2120 B, Visual Comparison Method	*BDL (**DL 5Hazen)	Envir Hazen Var
nvisoLab	Turbidity	APHA, 2130 B, Nephlelometric Method	*BDL (**DL 0. 1 NTU)	NTU
ardan En	V Odour Vardan Envir	Lab VAPHA, 2150 B, Threshold Test Method o Lab	Vardan Agreeable h Vard	an EnvireLab V
an Enviro	Total Hardness as CaCO ₃	APHA, 2340 C, EDTA Titrimetric Method	76.00	mg/l
da6. Envi	Calcium as Ca Envirol	APHA, 3500 Ca B, EDTA Titrimetric Method	ırdan Eny25.81ab Vardar	Environg/L Var
nviroLab in Enviro	Alkalinity as CaCO ₃	APHA, 2320 B, Titrimetric Method	an Envir 85.36 Vardan E	mg/l
ar&an En	Chloride as Cl To Envir	Lab APHA, 4500-Cl B, Argentometric Method Lab	Vardan Er32.49 Lab Vard	m Env mg/l
viroLab V	*Cyanide as CN	APHA , 4500 CN ⁻ D	*BDL(**DL 0.05 mg/l)	ab Var ^{mg/l} Em
da10.Envi	Magnesium as Mg	APHA, 3500 Mg B, Calculation Method	ardan Envi _{2.82} ab Vardar	Environg/l
in Enviro	Total Dissolved Solids	APHA, 2540 C, Gravimetric Method	lan Envird80.00Vardan E	aviroLanda
arq2n En	Total Suspended Solid	APHA, 2540 C, Gravimetric Method	Vardan En 18.00 Lab Vard	mg/l
vird2ab V	Sulphate as SO ₄	APHA, 4500 E, Turbidimetric Method	nviroLab V9.38an Enviro	ab Varmg/l Env
dar4.Envi	Fluoride as F	APHA, 4500-F-D, SPADNS Method	0.42	mg/l
in Isiviro	Electrical Conductivity	Vard APHA,5210 Conductivity Meter Method Vari	lan Enviro 300 Vardan E	viro μs/cmarda
ardan En	Nitrate as NO ₃	IS 3025 (P-34) ,Chromotropic Method	6.08	mg/l
virdZab V	Iron as FeiroLab Vard	APHA, 3500-Fe B 1,10 Phenanthroline Method	nviroLab Vo.16an Enviro	ab Varmg/h Env
18.	Boron	APHA, 4500B C, Carmine Method	0.47	mg/l

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Director Vardan Env

www.vardan.co.in

Note: Terms & conditions refer on backside of test report. Vardan EnviroLab Vardan EnviroLab Vardan

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Vardan EnviroLab Vardan

Sample No.: VEL/BI	ML/W/02 viroLal	vardan EnviroLab Vardan EnviroLab Vard	an EnviroLabReport No: V	EL/W/2103/18/002
dan EnviroLab Var Ran rS. No Lab Var Ran ardan EnviroLab	ib Vardan Envir ardan EnviroLa MicterroLab Vard Vardan Envirol	b Vardan EnviroLab Vardan EnviroLab b Vardan EnviroLab Vardan EnviroLab Vard dan EnviroLab VTest-Method iroLab Vardan En Lab Vardan EnviroLab Vardan EnviroLab Va	an EnviroLab Vardan E viroLab VResültn Envirol rdan EnviroLab Vardar	nviroLab Vardan lab Var Unit Enviro EnviroLab Varda
19. Phenolic Cor	npounds	APHA, 5530 C Chloroform Extraction Method	*BDL(**DL 0.001 mg/l)	nviroLamg/landam l
20. *Anionic Dete	ergents as	oLah Var APHA, 5540 C MBAS Method InviroLah V b Vardan EnviroLah Vardan EnviroLah Vard	*BDL(**DL 0.02 mg/l)	in Envimg/lab Vari nviroLab Vardan
21. Zinc as Zn	EnviroLab Varo	APHA, 3111 B, Direct Air, Acetylene Flame Method	viroLab V 0.46 n Envirol	ab Varmg/I Enviro
22. Copper as Cu	n EnviroLat Va	APHA, 3111 B, Direct Air, Acetylene Flame Method	* BDL(**DL 0.03 mg/l)	oLab v mg/lan Env
23. Manganese as	Mnin Enviro Lai	APHA, 3111 B, Direct Air, Acetylene Flame Method	*BDL(**DL 0.06 mg/l)	mg/l
24. Cadmium as C	dan EnviroLa	APHA, 3111 B, Direct Air, Acetylene Flame Method	an Enviro*BDLVardan E	nviroLamg/landam
25. Lead as Pb	EnviroLab Varo	APHA, 3111 B, Direct Air, Acetylene Flame Method	VIOLAD V*BDL	mg/l
26. Hexavalent C	hromium oLat Va	rdan APHA, 3500Cr B Colorimetric Method Vardan I	*BDL(**DL 0.01 mg/l)	oLab Væg/an Env
27. COD	ırdan Envirdtal İb Vərdən Envir	APHA,5220 B Open Reflux Method	25.40	mg/
28. BOD (3 Days	at 27°C)_nvire_La	h Vardan APHA ,5210 C/IS 3025(P-44) iroLab Vard	an Enviro 8.00 Vardan E	nviroLmg/lardan

Note: -*BDL-Below Detection Limit, **DL- Detection Limit. **These parameter are not covered in our NABL scope.

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nviroLab Vardan EnviroLab Vardan EnviroL dan EnviroLab Vardan EnviroLab Vardan EnviroLab Vardan EnviroLab Vardan EnviroLab V nviroLab Vardan EnviroLab Vardan EnviroLab Vardan EnviroLab Vardan EnviroLab Vardan En ardan EnviroLab Vardan EnviroLab Vardan EnviroLab Vardan EnviroLab Vardan EnviroLab Vardan EnviroLab Vardan I EnviroLab Vardan EnviroLab Vardan EnviroLab Vardan EnviroLab Vardan EnviroLab Vardan EnviroLab Vardan EnviroLab dan EnviroLab Vardan EnviroLab Vardan EnviroLab Vardan EnviroLab Vardan EnviroLab Vardan EnviroLab Vardan Env Vardan EnviroLab Vardan dan EnviroLab Vardan EnviroLab Vardan EnviroLab Vardan EnviroLab Vardan EnviroLab Vardan EnviroLab Vardan En nviroLab Vardan EnviroLab Vardan EnviroLab Vardan EnviroLab Vardan EnviroLab Vardan EnviroLab Vardan EnviroLa ardan EnviroLab Vardan EnviroLab Vardan EnviroLab Vardan EnviroLab Vardan EnviroLab Vardan EnviroLab Vardan I EnviroLab Vardan EnviroLab Vardan EnviroLab Vardan EnviroLab Vardan EnviroLab Vardan EnviroLab Vardan Enviro dan EnviroLab Vardan dan EnviroLab Vardan EnviroLab Vardan EnviroLab Vardan EnviroLab Vardan EnviroLab Vardan EnviroLab Vardan En nviroLab Vardan EnviroLab Vardan EnviroLab Vardan EnviroLab Vardan EnviroLab Vardan EnviroLab Vardan EnviroLa ardan EnviroLab Vardan EnviroLab Vardan EnviroLab Vardan EnviroLab Vardan EnviroLab Vardan EnviroLab Vardan I EnviroLab Vardan EnviroLab Vardan EnviroLab Vardan EnviroLab Vardan EnviroLab Vardan EnviroLab Vardan Enviro dan EnviroLab Vardan EnviroLab Vardan EnviroLab Vardan EnviroLab Vardan EnviroLab Vardan EnviroLab Vardan Env Vardan EnviroLab Vardan EnviroLab Vardan EnviroLab Vardan EnviroLab Vardan EnviroLab Vardan EnviroLab Vardan dan EnviroLab Vardan EnviroLab Vardan EnviroLab VardFor Brahmaputra Metallics Limited oLab Vardan EnviroLab Vardan En

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Test Report

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Sample Number: Vardan Enviro Name & Address of Party:

nviroLab Vardan EnviroLab Sampling & Analysis Protocol: Latitude: ab Vardan EnviroLab

VEL/BML/W/03 IroLab Vardan EnviroLab M/s Brahmputra Metallics Ltd. Village- Kamta, Block- Gola, ardan EnviroLab Vardan Envir Distt.- Ramgarh, Jharkhand Jardan Er Sample Description: EnviroLab Surface Water Sample and EnviroLab Vard Period of Analysis: dan E18/03/2021 - 22/03/2021 iro Sample Location: Vardan Enviro Bhera River, (Downstream) rdan Enviro Lab Veccipt Date of Lab Varda 18/03/2021 Lab Vardan Em Sample Collected by: Vardan En Vardan Enviro Lab Representative an Enviro Date of Sampling: OLab 16/03/2021 ViroLab Vardan Parameter Required dan Enviro As per Client Requirement and Enviro Lab Preservation: OLab Vard Refrigerated Vardan En IS-3025, APHA ab Vardan Envirol ab Vardar Sampling Type: rdan En Grab ab Vardan Envirola

23° 31' 48.49"E Longitude: oLab Vardan Enviro 85°, 41', 42.00" Enviro Lab Vardan Enviro Lab Vardan Enviro Lab Vardan Enviro Lab Vardan

EnviroLab Vardan EnviroLab Vardan EnviroLab Vardan EnviroLab

Report No.: VEL/W/2103/18/003 Format No.:

Party Reference No.: Reporting Date: 22/03/2021 Can Vardanti

Sample Quantity: 2.0 Ltr. + 200 ml

Nil

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das. No.viro	Parameteran Envirol. ardan Envirolab Var	ab Vardan Envirol Test-Method EnviroLab Varda dan EnviroLab Vardan EnviroLab Vardan Envi	n Envirol Result ardan En roLab Vardan EnviroLa	v irol Unit /ard b Vardan Er
an EnviroLa ardan Env	ib Vardan EnviroLab roLab Vardan Enviro	Vardan EnviroLab Vardan EnviroLab Vardan I Lab Vardan EnviroLab Vardan EnviroLab Vard	InviroLab Vardan Envir Ian EnviroLab Vardan E	nviroLab Va
an EnviroL viroLab Var	pH (at 25 °C)	APHA ,4500-H ⁺ B Electrometric Method	Lab Vardan EnviroLab	OLAD <u>V</u> arda Vardan Env
dar2Enviro	Colour ardan EnviroL	D Var APHA ,2120 B, Visual Comparison Method Var da	*BDL (**DL 5Hazen)	viro [Hazen ar
nvirgLab V	Turbidity	APHA, 2130 B, Nephlelometric Method	*BDL (**DL 0. 1 NTU)	NTU oLab Varda
ard4n Env	Odoub Vardan Enviro	Lab Var APHA, 2150 B, Threshold Test Method ab Vard	an Envi Agreeable and an E	nvirolab Va
in EnviroL ricoLab Var	Total Hardness as CaCO ₃	APHA, 2340 C, EDTA Titrimetric Method	90.00 viroLab	mg/l
dar6Enviro	Calcium as Ca	ab Va APHA, 3500 Ca B, EDTA Titrimetric Method Var da	n EnviroL32.69 ardan En	viroLmg/l/ard
n EnviroLab v	Alkalinity as CaCO ₃	APHA, 2320 B. Titrimetric Method	nviroLab ^{97.53} dan Envir	oLabmg/l_da
ardan Env	Chloride as Cl an Enviro	Lab VaAPHA, 4500-CFB, Argentometric Methodab Var	lan Envir 40.24 Vardan E	mg/l
rirol ⁹ ab Var	*Cyanide as CN	APHA, 4500 CN ⁻ D	*BDL(**DL 0.05 mg/l)	Vard mg/l nv
danio.nviro	Magnesium as Mg	APHA, 3500 Mg B, Calculation Method	n EnviroL2.05/ardan En	mg/l
n EliviroLa	Total Dissolved Solids	Vardam APHA, 2540 C, Gravimetric Method Vardam	nviroLal201.00jan Envir	oLab mg/l-da
ard 12. Env	Total Suspended Solid	APHA, 2540 C, Gravimetric Method	23.00	mg/l
rirol36 Var	Sulphate as SO ₄	Envir APHA, 4500 E, Turbidimetric Method Enviro	Lab Varda8.25 nviro Lab	Vard mg/l nv
dan 4 nviro	Fluoride as F	APHA, 4500-F-D, SPADNS Method	rol ab Variati Envirol a	mg/l
in ElistiroLa	Electrical Conductivity	Vardan APHA,5210 Conductivity Meter Method ardan	nviroLab 335 dan Envir	o La μs/cm da
ardan Env	Nitrate as NO ₃	IS 3025 (P-34) ,Chromotropic Method	lan Enviro. EnviroLab ^{6.95} dan Envir	mg/l
iroll2b Var	Iron as Fe/iroLab Vard	m En APHA, 3500-Fe B 1,10 Phenanthroline Method nviro	Lab Varda0.27.nviroLab	Vard.mg/Env
dan Enviro	Boron	APHA, 4500B C, Carmine Method	0.56	mg/l

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Laboratory: Plot No. 82A, Sector - 5, IMT Manesar, Gurugram - 122051, Haryana EnviNABL Accredited | MoEF&CC Recognized | ISO 9001 ISO 14001 ISO 45001 principal Vardan Enviro Lab Vardan Enviro

Vardan EnviroLab Vardan EnviroLab Vardan Enviro dan EnviroLab Vardan En nyiroLab Vardan EnviroLab Vardan EnviroLab Vardan EnviroLab Vardan EnviroLab Vardan EnviroLab Vardan EnviroLa ardan EnviroLab Vardan EnviroLab Vardan EnviroLab Vardan EnviroLab Vardan EnviroLab Vardan EnviroLab Vardan I EnviroLab Vardan Enviro dan EnviroLab Vardan EnviroLab Vardan EnviroLab Vardan EnviroLab Vardan EnviroLab Vardan EnviroLab Vardan Env

Sample No.: VEL/BML/W/03	iviroLab Vardan EnviroLab Vardan EnviroLab Lab Vardan EnviroLab Vardan EnviroLab Var	dan EnviroLa Report No	: VEL/W/2103/18/003
nviroLab Vardan EnviroLab V ardan EnviroLab Vardan Env FS: NooLab Va Parameter iroLab Ian EnviroLab Vardan Enviro	ardan EnviroLab Vardan EnviroLab Vardan E iroLab Vardan EnviroLab Vardan EnviroLab V Vardan EnviroLaTest-Method nviroLab Vardan Lab Vardan EnviroLab Vardan EnviroLab Var	nviroLab Vardan Envi ardan EnviroLab Vard EnviroL Result irdan En dan EnviroLab Vardan	roLab Vardan Enviro Ian EnviroLab Varda viroLab Uni tdan Env 1 EnviroLab Vardan
19. Phenolic Compounds	APHA, 5530 C Chloroform Extraction Method	*BDL(**DL 0.001 mg/l)	1 Enviro mg/l Vardan
20. *Anionic Detergents as MBAS	ardan Envi APHA, 5540 C MBAS Methodo Vardan E IroLab Vardan EnviroLab Vardan EnviroLab V	*BDL(**DL 0.02 mg/l)	roLab Vamg/lin Enviro Ian EnviroLab Varda
En21: O Zinc as Znan EnviroLat	APHA, 3111 B, Direct Air, Acetylene Flame Method	EnviroLa0.52 ardan En	viroLab mg/Idan Env
22. Copper as Cu	APHA, 3111 B, Direct Air, Acetylene Flame Method	* BDL(**DL 0.03 mg/l)	rdan En mg/l Lab Var
Manganese as Mn Enviro	APHA, 3111 B, Direct Air, Acetylene Flame Method	*BDL(**DL 0.06 mg/l)	ı Enviro mg/l Vardan
24. Cadmium as Cd	APHA, 3111 B, Direct Air, Acetylene Flame Method	ardan EnviroLab Var	lan Envilmg/lab Varda
Lead as Pb III EnviroLat	APHA, 3111 B, Direct Air, Acetylene Flame Method	EnviroL*BDLardan Er	vtroLab mg/l can Env
26. Hexavalent Chromium	viro Lal APHA, 3500Cr B Colorimetric Method viro Lal	*BDL(**DL 0.01 mg/l)	rdan En mg/JLab Var
CODab Vardan Enviro	APHA,5220 B Open Reflux Method	27.20	mg/
28. BOD (3 Days at 27°C)	OLab Var APHA ,5210 C/IS 3025(P-44)	ardan En9.00 ₀ Lab Varo	lan Envimg/lah Vard

Note: - *BDL-Below Detection Limit, **DL- Detection Limit. "These parameter are not covered in our NABL scope.

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Director Vardan Env www.vardan.co.in EnviroLab Vardan EnviroLab Vardan EnviroLab Vardan I Note: Terms & conditions refer on backside of test report. Vandan EnviroLab Vardan EnviroLab Vardan

BRAHMAPUTRA METALLICS LIMITED VILLAGE - KAMTA, BLOCK - GOLA, DISTRICT - RAMGARH, JHARKHAND

Fly Ash/Char Gen & Con Details

Month			As	sh			Ch	ar	D-Dı	ıst
	Gen	-Mt	Total Gen	Disposal	- MT	Closing	Gen	Con	Gen	Con
	AFBC	WHRB		Sale	Cons					
April-20	-	693.00	693.00	116.29	-	79,739.97	945.00	-	360.00	25.29
May-20	6,190.56	2,418.00	8,608.56	12,916.05	551.39	74,881.09	3,335.00	3,679.00	1,488.00	551.03
June-20	6,580.89	2,340.00	8,920.89	-	651.49	83,150.49	3,290.00	3,853.00	1,380.00	307.54
July-20	9,244.81	2,387.00	11,631.81	17,382.03	710.95	76,689.31	3,720.00	3,720.00 3,762.00		225.83
Aug-20	5,602.79	2,387.00	7,989.79	59,573.60	625.52	24,479.99	3,210.00	2,764.00	1,426.00	104.03
Sept-20	3,863.48	2,340.00	6,203.48	19,683.84	521.00	10,478.63	1,733.00	1,781.00	1,104.00	967.42
Oct-20	657.88	546.00	1,203.88	3,337.97	633.01	7,711.53	820.00	1,155.00	658.00	257.64
Nov-20	6,223.37	2,340.00	8,563.37	5,517.89	643.24	10,113.77	3,240.00	3,139.00	1,440.00	292.90
Dec-20	5,963.21	2,233.00	8,196.21	8,403.48	545.68	9,360.83	2,880.00	2,798.00	1,380.00	457.74
Jan'21	6,626.53	2,418.00	9,044.53	6,669.29	726.62	11,009.44	2,935.00	2,905.00	1,488.00	711.36
Feb'21	5,360.85	1,638.00	6,998.85	5,738.94	777.45 11,491.91 2,215.00 2,313.00		945.00	520.18		
Mar'21	6,609.75	2,418.00	9,027.75	6,051.51 641.93		13,826.22			1,457.00	825.60
	62,924.12	24,158.00	87,082.12	1,45,390.89	7,028.27		28,323.00	28,149.00	14,583.00	5,246.56

For Brahmaputra Metallics Limited

Aanh Salm

						B	ML						
					CS	R Expendit	ture Head V	Wise					
HEAD / YEAR	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	TOTAL
Rural Development	3,44,124	3,49,923			3,32,914	31,315	7,427	5,33,595	36,420	24,162	25,000		16,84,880
Social Support	3,471	43,912		30,980	46,674	98,500	45,500	44,250	83,584	46,455	7,21,207	54,300	12,18,833
Village Temple Construction	75,557	5,36,715			12,320	4,36,376	3,82,554	27,425		2,98,091	3,86,585		21,55,623
Education	38,326	1,06,061		2,266	8,740	13,281					22,000		1,90,674
Skill Development		56,200		3,52,000			550						4,08,750
Health		14,140					8,233	4,252			3,50,700		3,77,325
Sports Promotion		32,259	15,610	16,863	16,002	41,500	13,000	45,168	31,547	16,500	17,227		2,45,676
Enviornment				35,881	11,435	1,55,000			20,000				2,22,316
Drinking Water									7,905	4,620	5,350		17,875
Livelihood									4,75,667	8,10,618	10,30,004	5,91,759	29,08,048
Social Awareness										12,000			12,000
TOTAL	4,61,478	11,39,210	15,610	4,37,990	4,28,085	7,75,972	4,57,264	6,54,690	6,55,123	12,12,445	25,58,073	6,46,059	94,41,999

For Brahmaputra Metallics Limited

Aanlı Salm Director

WORKS: - VILLAGE-KAMTA, BLOCK-GOLA, DISTT-RAMGARH-829210(JHARKHAND)

REPORT OF MEDICAL EXAMINATION

					Gene	eral Su	rvey	Blod An	alysis	Eye	Vision	Hearing		Cardo	vascular S	ystem	Abdome		6.1	Nervous	System	Locomo	Skin		Hydr
Name of the employee	No.	DOB	of Job	DOJ	Healt h	Heig ht	Weigh t	Sugar	Grou p	Stat us	Use of Glass	Normal / Abnormal	Rate / Min	Pulse Rate	Blood Pressure	Heart Sound	n Tendern ess	Liver	n	History of Fit	Epilep sy	tor System	Cond ition	ia	ocele
Mukesh Kumar	M_0132	11/01/1992	Operatio n	01-12-2016	Good	166 cm	68 Kgs	PP - 77 mg	B -VE	Nor mal	No	Normal	14	75 min	110 / 70 mm of hg	S1 S2 Heard	No	Norma 1	Norm al	No	No	Normal	Norma 1	NA	NA
Ashutosh Kumar	M_0084	14/02/1986	Operatio n	24-01-2012	Good	172 cm	80 Kgs	pp - 119 mg	B+VE	Nor mal	No	Normal	12	71 min	130 / 80 mm of hg	S1 S2 Heard	No	Norma I	Norm al	No	No	Normal	Norma I	NA	NA
Pancham Poddar	Casual	06/05/1991	Electrica l		Good	172 em	74 Kgs	Random - 108mg dl	O ±VE	Nor mal	No	Normal	12	72 min	130 / 80 mm of hg	S1 S2 Heard	No	Norma 1	Norm al	No	No	Normal	Norma'	NA	NA
Mahesh Kr Mahtha	M_0169	06 08 1995	Operatio n	15-02-2020	Good	166 cm	69 Kgs	Random - 106mg dl	B +VE	Nor mal	No	Normal	14	73 min	130 / 80 mm of hg	S1 S2 Heard	No	Norma 1	Norm al	No	No	Normal	Norma I	NA	NA
Aman Kuimar	M_0075	01-03/1977	Operatio n	22-06-2011	Good	172 cm	72 Kgs	Random - 117 mg dl	B +VE	Nor mal	No	Normal	13	72 min	130 / 80 mm of hg	S1 S2 Heard	No	Norma 1	Norm al	No	No	Normal	Norma 1	NA	NA
Mahabir Sahu	M_0089	26/08 1989	Operatio n	03-12-2012	Good	168 cm	72 Kgs	Random - 123 mg dl	B+VE	Nor mal	No	Normal	12	74 min	110 / 70 mm of hg	S1 S2 Heard	No	Norma 1	Norm al	No	No	Normal	Norma 1	NA	NA
Rajdeep Mahto	Casual	20-121979	Operatio n		Good	170 cm	76 Kgs	Random - 120 mg/dl	AB +VE	Nor mal	No	Normal	14	70 min	130 / 80 mm of hg	S1 S2 Heard	No	Norma 1	Norm al	No	No	Normal	Norma 1	NA	NA
MD. Salim	M_0057	16 12/1974	Mechani cal	01-04-201	Good	175 em	96 Kgs	PP - 134 mg	A+VE	Nor mal	No	Normal	14	74 min	130 / 80 mm of hg	S1 S2 Heard	No	Norma 	Norm al	No	No	Normal	Norma I	NA	NA
S. Mohanty	M_0025	16 05 1984	E&1	11-08-2010	Good	166 cm	78 Kgs	PP - 122 mg	A +VE	Nor mal	No	Normal	12	70 min	130 / 80 mm of hg	S1 S2 Heard	No	Norma 1	Norm al	No	No	Normal	Norma 1	NA	NA
Dhirendra Dubey	W_0089	10 12 1984	E&1	21-01-201	Good	164 cm	60Kgs	PP - 90 mg	B+VE	Nor mal	No	Normal	13	70 min	110 / 70 mm of hg	S1 S2 Heard	No	Norma I	Norm al	No	No	Normal	Norma 1	NA	NA
Sohan Mahto	W_0174	18/02/1974	Dm Plant	22-04-201	Good	168 cm	76 Kgs	PP - 109 mg	O+VE	Nor mal	No	Normal	13	76 min	120 / 70 mm of hg	S1 S2 Heard	No	Norma 1	Norm al	No	No	Normal	Norma 1	NA	NA
Balram Mahto	W_0029	01 10 1981	Dm Plant	25-10-201	0 Good	178 cm	98 Kgs	Random - 91mg di	O-VE	Nor mal	No	Normal	14	75 min	120 / 80 mm of hg	S1 S2 Heard	No	Norma J	Norm al	No	No	Normal	Norma.	NA	NA
Sailaj Kumar See	W_0185	02 02 1979	Electrica	04-05-201	Good	168 cm	78 Kgs	Random - 136 mg di	13 -11	Nor mal	No	Normal	14	72 min	130 / 80 mm of hg	S1 S2 Heard	No	Norma 1	Norm al	No	No	Normal	Norma 1	NA	NA
Ashok Kumar	M_0028	13 02 1985	Electrica	25-08-201	Good	172 em	76 Kg:	Random -	A +VI	Nor mal	No	Normal	12	70 min	130 / 80 mm of hg	S1 S2 Heard	No	Norma 1	Norm al	No	No	Normal	Norma [NA	NA
Pratyush Kumar	M_0093	27/03/1988	E&1	20-12-201	Good	168 cm	74 Kg		1 (-) \/ -	Nor mal	No	Normal	12	74 min	110 / 70 mm of hg	S1 S2 Heard	No	Norma 1	Norm al	No	No	Normal	Norma 1	NA	NA
Rajan Sharma	M_0088	(10.09 1984	Mechan	03-12-20	12 Good	168 cm	70 Kg	Random - 129 mg	() -V	Nor mal	No	Normal	14	72 min	120 / 80 mm of hg	S1 S2 Heard	No	Norma 1	Norm al	No	No	Normal	Norma 1	NA	NA
7 Ashok Kumar	W_014	8 08 02/1984	Mechan cal	05-04-20	II Good	170 em	72 Kg	S Random 86 mg di	1 2 - 1	Nor mal	No	Normal	13	72 min	110 / 70 mm of hg		NO	Norma 1	Norm al	No	No	Normal	Norma 1	NA	NA
	Mukesh Kumar Ashutosh Kumar Pancham Poddar Mahesh Kr Mahtha Aman Kuimar Mahabir Sahu Rajdeep Mahto MD. Salim S. Mohanty Dhirendra Dubey Sohan Mahto Balram Mahto Sailaj Kumar See Ashok Kumar Pratyush Kumar Rajan Sharma	Mukesin Kumar M_0132 Ashutosh Kumar M_0084 Pancham Poddar Mahesh Kr Mahtha M_0069 Aman Kuimar M_0075 Mahabir Sahu M_0089 Rajdeep Mahto Casual M_0057 S. Mohanty M_0057 S. Mohanty M_0057 Dhirendra Dubey Sohan Mahto W_0174 Balram Mahto W_0174 Balram Mahto W_0185 Ashok Kumar M_0028 Pratyush Kumar M_0093 Rajan Sharma M_0088	employee No. DOB Mukesin M_0132 11/01/1992 Ashutosh M_0084 14/02/1986 Pancham Casual 06/05/1991 Pancham Casual 06/05/1991 Mahesh Kr M_0169 06/08/1995 Aman Kuimar M_0075 01/03/1977 Mahabir Sahu M_0089 26/08/1989 Rajdeep Casual 20/12/1979 MD. Salim M_0057 16/12/1974 S. Mohanty M_0025 16/05/1984 Dhirendra Dubey 10/12/1984 Sohan Mahto W_0089 10/12/1984 Sohan Mahto W_0089 10/12/1984 Sailaj Kumar W_0029 01/10/1981 Sailaj Kumar W_0185 02/02/1979 Ashok Kumar M_0028 13/02/1988 Pratyush M_0093 27/03/1988 Rajan Sharma M_0088 10/09/1983	employee No. DOB of Job Mukesh M_0132 11/01/1992 Operation on the content of the cont	employee No. DOB Kumar of Job Operation of Job Numbers DOJ Operation of Doj Operation of Numbers DOJ Operation of Numbers Operation of	Name of the employee Token No. DOB Nature of Job DOJ Healt h Mukesin Kumar M_0132 11/01/1992 Operation n 01-12-2016 Good Ashutosh Kumar M_0084 14/02/1986 Operation n 24-01-2012 Good Pancham Poddar Casual 06/05/1991 Electrica 1 Good Mahesh Kr Mahtha M_0169 06/08/1995 Operation n 15-02-2020 Good Aman Kuimar M_0075 at/03/1977 Operation n 03-12-2012 Good Mahabir Sahu M_0089 26/08/1989 Operation n 03-12-2012 Good MID. Salim M_0057 16/12/1974 Mechani cal 01-04-2011 Good M. M	Name of the employee	Makesh M	Name of the employee	Name of the employee	Name of the employee No. DOB Nature of Job DOJ Healt Height Weight Sugar Grou State Dog State Dog	Name of the employee	Name of the employee No. POB Nature of Job POB Healt Height Height	Name of the employee Token complete employee No. DOB	Name of the employee Token employee	Public P	Name of the employee No. DOB Ada trope of Job Polarity DOB Healt Head Healt Head No. No.	Name of the employee	Name of the employed Poke Poke	Name of the employe Name of the employe Name of Job No. Policy Policy	Part Part	Name of the propose o	Name of the purpley Name of the purpley	Name of the compose Toke of the compose	Name of the compose Table Table

DR. VIVEK KUMAR

M.B.B.S. DCH

Medical Officer (M.O.)B.M.L

For Brahmaputra Metallics Limited

Aanh Salm Director

WORKS: - VILLAGE-KAMTA, BLOCK-GOLA, DISTT-RAMGARH-829210(JHARKHAND)

REPORT OF MEDICAL EXAMINATION

	Name Cal	Tabas		Nature		Gen	eral Su	rvey	Blod An	alysis	Eye	Vision	Hearing		Cardo	vascular S	System	Abdome		6.1	Nervous	System	Locomo	Skin		
o.	Name of the employee	No.	DOB	of Job	DOJ	Healt h	Heig ht	Weigh t	Sugar	Grou p	Stat us	Use of Glass	Normal / Abnormal	Rate / Min	Pulse Rate	Blood Pressure	Heart Sound	n Tendern ess	Liver	Splee	History of Fit	Epilep sy	tor System	Cond ition	Hern	Hydi
18	Sailesh Prased	W_0048	08/10/1977	Dm Plant	05-12-2010	Good	168 cm	68 Kgs	Random - 84 mg/dl	B +VE	Nor mal	No	Normal	12	70 min	110 / 70 mm of hg	S1 S2 Heard	No	Norma 1	Norm al	No	No	Normal	Norma 1	NA	NA
19	Dilnath kumar	W_0022	01/01/1985	Dm Plant	22-10-2010	Good	172 cm	78 Kgs	PP - 80 mg	O+VE	Nor mal	No	Normal	14	72 min	120 / 70 mm of hg	S1 S2 Heard	No	Norma 1	Norm al	No	No	Normal	Norma 1	NA	NA
20	Gurupada Karamakar	W_0014	23/06/1978	Mechani cal	20-10-2010	Good	172 cm	72 Kgs	Random - 78 mg/dl	O+VE	Nor mal	No	Normal	14	71 min	130 / 80 mm of hg	S1 S2 Heard	No	Norma 1	Norm al	No	No	Normal	Norma 1	NA	NA
21	Sanjay Sarma	W_0093	03/02/1980	Mechani cal	21-01-2011	Good	170 cm	74 Kgs	Random - 110 mg/dl	A+VE	Nor mal	No	Normal	12	70 min	130 / 80 mm of hg	S1 S2 Heard	No	Norma 1	Norm al	No	No	Normal	Norma 1	NA	NA
22	Kirpal Mahto	W_0041	02/03/1978	Mechani cal	15-11-2010	Good	174c m	78 Kgs	Random - 122 mg/dl	O+VE	Nor mal	No	Normal	13	70 min	130 / 80 mm of hg	S1 S2 Heard	No	Norma 1	Norm al	No	No	Normal	Norma 1	NA	NA
23	Ranjeet Kumar	M_0048	05/01/1980	SMS	02-02-2011	Good	166 cm	72 Kgs	Random - 160 mg dl	O+VE	Nor mal	No	Normal	13	75 min	130 / 80 mm of hg	S1 S2 Heard	No	Norma 1	Norm al	No	No	Normal	Norma I	NA	NA
24	Mrigandra Kumar	M_0157	21/11/1969	Safety	11-02-2019	Good	164 cm	70 Kgs	Random - 144 mg/dl	O-VE	Nor mal	No	Normal	14	74 min	120 / 80 mm of hg	S1 S2 Heard	No	Norma I	Norm al	No	No	Normal	Norma 1	NA	NA
25	Kalyan Chakraborty	M_0053	10/01/1964	SMS	01-03-2011	Good	162 cm	74Kgs	PP - 120 mg/dl	B+VE	Nor mal	No	Normal	14	75 min	115 / 80 mm of hg	S1 S2 Heard	No	Norma 1	Norm al	No	No	Normal	Norma 1	NA	NA
26	Ajay Kishor poddar	Casual	28/01/1966	Slag crusher		Good	164 cm	68 Kgs	Random - 118 mg dl	B -VE	Nor mal	No	Normal	12	74 min	130 / 80 mm of hg	S1 S2 Heard	No	Norma 1	Norm al	No	No	Normal	Norma 1	NA	NA
27	Sailesh Kumar Mahto	M_0064	02.07 1990	Operatio n	22-04-2011	Good	166 cm	70 Kgs	PP - 115 mg	O -VE	Nor mal	No	Normal	14	74 min	120 / 80 mm of hg	S1 S2 Heard	No	Norma 1	Norm al	No	No	Normal	Norma 1	NA	NA
28	Triloki Mahto	Casual	12 03 1964	Peon		Good	166 cm	68 Kgs	PP - 101 mg	O -VE	Nor mal	No	Normal	13	70 min	130 / 80 mm of hg	S1 S2 Heard	No	Norma 1	Norm al	No	No	Normal	Norma I	NA	NA
29	Ramashish Mishra	M_0050	03/02 1986	Commer	14-02-201	Good	166 cm	70 Kgs	PP - 109 mg	O -VE	Nor mal	No	Normal	12	70 min	130 / 80 mm of hg	S1 S2 Heard	No	Norma 1	Norm al	No	No	Normal	Norma 1	NA	NA
30	Sandeep Rakshit	E_0011	31 03 1963	Commer	24-08-200	Good	170c m	72 Kgs	Random - 92 mg dl	O+VE	Nor mal	No	Normal	14	70 min	130 / 80 mm of hg	S1 S2 Heard	No	Norma 1	Norm al	No	No	Normal	Norma 1	NA	NA
31	Antesh Singh	M_0073	25/12/1968	Commer	10-06-201	Good	170c m	72 Kgs	PP - 112 mg	A +VE	Nor mal	No	Normal	14	71 min	120 / 80 mm of hg	S1 S2 Heard	No	Norma 1	Norm al	No	No	Normal	Norma 1	NA .	NA
32	Shamim Ahmad	M_0059	25 09 1974	Commer	01-04-201	Good	162 cm	68 Kgs	PP - 133 mg	A+VE	Nor mal	No	Normal	12	70 min	110 / 70 mm of hg	S1 S2 Heard	No	Norma 1	Norm al	No	No	Normal	Norma 1	NA	NA
33	Sandep Thakur	Casual	06.11.1988	Commer		Good	168 cm	74 Kgs	Random - 115 mg dl	B -VE	Nor mal	No	Normal	13	68 min	120 / 80 mm of hg	S1 S2 Heard	No	Norma 1	Norm al	No	No	Normal	Norma 1	NA	NA
34	Manoj Kumar	M_0137	25 01 1983	Commer	21-01-201	1 Good	170 em	76 Kgs	PP - 98 mg	O+VE	Nor mal	No	Normal	13	74 min	130 / 80 mm of hg	S1 S2 Heard	No	Norma 1	Norm al	No	No	Normal	Norma 1	NA	NA

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WORKS: - VILLAGE-KAMTA, BLOCK-GOLA, DISTT-RAMGARH-829210(JHARKHAND)

REPORT OF MEDICAL EXAMINATION

						Gene	ral Su	rvey	Blod An	alysis	Eye	Vision	Hearing	Respira	Cardo	vascular S	ystem	Abdome		C-1-	Nervous	System	Locomo	Skin	Ham	Heste
SI.	Name of the employee	Token No.	DOB	Nature of Job	DOJ	Healt h	Heig ht	Weigh	Sugar	Grou p	Stat	Use of Glass	Normal / Abnormal	tion Rate / Min	Pulse Rate	Blood Pressure	Heart Sound	n Tendern ess	Liver	Splee	History of Fit	Epilep sy	tor System	Cond ition	ia	Hydr
35	Abhiram Mahto	Casual	05/01/1974	Peon		Good	166 cm	65 Kgs	Random - 130 mg/dl	AB +VE	Nor mal	No	Normal	14	68 min	110 / 70 mm of hg	S1 S2 Heard	No	Norma 1	Norm al	No	No	Normal	Norma 1	NA	NA
50	Jagnarayan Saw	M_0007	10/02/1985	Commer	16-08-2008	Good	164 cm	68Kgs	PP - 100 mg/dl	B +VE	Nor mal	No	Normal	14	70 min	130 / 80 mm of hg	S1 S2 Heard	No	Norma I	Norm al	No	No	Normal	Norma 1	NA	NA
37	Shambhu Mahto	M_0002	13/10/1964	Commer cial	17-09-1996	Good	168c m	76 Kgs	PP - 131mg	B+VE	Nor mal	No	Normal	12	74 min	130 / 80 mm of hg	S1 S2 Heard	No	Norma l	Norm al	No	No	Normal	Norma I	NA	NA
38	Ankit Prasad	SMC	10/02/1989	Commer cial		Good	164 cm	66 Kgs	PP - 94 mg	O+VE	Nor mal	· No	Normal	12	72 min	120 / 70 mm of hg	S1 S2 Heard	No	Norma 1	Norm al	No	No	Normal	Norma 1	NA	NA
39	Kamlesh Kumar	Casual	01/03/1992	Causal		Good	170 cm	68Kgs	PP - 130 mg	O+VE	Nor mal	No	Normal	14	70 min	130 / 80 mm of hg	S1 S2 Heard	No	Norma 1	Norm al	No	No	Normal	Norma 1	NA	NA
40	Ramesh Sharma	E_0005	06/05/1981	Commer	01-06-2008	Good	170 cm	68 Kgs	PP - 107 mg	A +VE	Nor mal	No	Normal	13	72 min	120 / 80 mm of hg	S1 S2 Heard	No	Norma I	Norm al	No	No	Normal	Norma I	NA	NA
41	Sanjay Shrivastava	M_0018	01/01/1964	Store	17-05-2010	Good	168 cm	70 Kgs	PP - 130 mg	B+VE	Nor mal	No	Normal	12	72 min	130 / 80 mm of hg	S1 S2 Heard	No	Norma 1	Norm al	No	No	Normal	Norma 1	NA	NA
42	S K Mukherjee	M_0056	26/08/1962	Store	15-03-2011	Good	166 cm	72 Kgs	PP - 130 mg	B +VE	Nor mal	No	Normal	14	74 min	120 / 80 mm of hg	S1 S2 Heard	No	Norma 1	Norm al	No	No	Normal	Norma I	NA	NA
43	Naresh Sharma	M_0135	26/02/1975	Store	01-04-2010	6 Good	164 cm	78Kgs	Random - 98 mg/dl	B+VE	Nor mal	No	Normal	14	75 min	130 / 80 mm of hg	S1 S2 Heard	No	Norma 	Norm al	No	No	Normal	Norma 1	NA	NA
44	Sohan Ram Dangi	W_0059	17/12/1979	Store	01-01-201	Good	168 cm	64 Kgs	PP - 107 mg	B+VE	Nor mal	No	Normal	12	70 min	110 / 70 mm of hg	S1 S2 Heard	No	Norma I	Norm al	No	No	Normal	Norma 1	NA	NA
45		M_0076	26/01/1974	Store	07-07-201	Good	170c m	74 Kgs	PP - 123 mg	B+VE	Nor mal	No	Normal	13	72 min	130 / 80 mm of hg	S1 S2 Heard	No	Norma 1	Norm al	No	No	Normal	Norma 1	NA	NA
46	Mrityunjay Debnath	M_0008	8 16/07/1967	Store	01-09-200	8 Good	166 cm	74Kgs	PP - 275 mg	A+VE	Nor mal	No	Normal	13	68 min	140 / 80 mm of hg	S1 S2 Heard	No	Norma 1	Norm al	No	No	Normal	Norma 1	NA	NA
47	Laganu Mahte	W_005	5 \18-09-196-	Store	01-01-201	1 Good	168 cm	78Kgs	PP - 118m	g	Nor mal	No	Normal	14	70 min	120 / 80 mm of hg	S1 S2 Heard	No	Norma 1	Norm al	No	No	Normal	Norma 1	NA	NA
48	Mehilal Prajapati	W_005	8 06/07/1980	Store	01-01-201	1 Good	166c m	64 Kg	s	A +VI	Nor mal	No	Normal	14	72 min	120 / 70 mm of hg	S1 S2 Heard	No	Norma 1	Norm al	No	No	Normal	Norma 1	NA	NA
49	Surandra Nati	h w_021	5 04/01/1982	Store	01-01-201	Good	170c m	72 Kg	S PP - 94 m	g B +VI	Nor mal	No	Normal	12	70 min	120 / 80 mm of hg	S1 S2 Heard	No	Norma 1	Norm al	No	No	Normal	Norma I	NA	NA
50		Casua	15/05/199	Operation	01-08-201	19 Good	166 cm	70Kgs	S PP - 103 mg	O+V	Nor mal	No	Normal	14	72 min	130 / 70 mm of hg	S1 S2 Heard	No	Norma 1	Norm al	No	No	Normal	Norma 1	NA	NA
5	Mahboob Ansari	Bloom	n 13/03/199	6 Operation	02-01-20	18 Good	166 cm	64 Kg	S PP - 78 m	AB +VE	Nor mal	No	Normal	13	72 mir	120 / 70 mm of hg	S1 S2 Heard	No	Norma 1	Norm al	No	No	Normal	Norma 1	NA	NA

Medical Officer (M.O.)B.M.L

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WORKS: - VILLAGE-KAMTA, BLOCK-GOLA, DISTT-RAMGARH-829210(JHARKHAND)

REPORT OF MEDICAL EXAMINATION

	N 64	m a				Gen	eral Su	irvey	Blod An	alysis	Eye	Vision	Hearing		Cardo	vascular S	system	Abdome			Nervous	System	Locomo	Skin		
0.	Name of the employee	No.	DOB	Nature of Job	DOJ	Healt h	Heig ht	Weigh t	Sugar	Grou p	Stat us	Use of Glass	Normal / Abnormal	Rate / Min	Pulse Rate	Blood Pressure	Heart Sound	n Tendern ess	Liver	Splee	History of Fit	Epilep sy	tor System	Cond ition	Hern ia	Hydi
52	Rajeev Kumar Gupta	W_0010	01/02/1975	Operatio n	20-10-2010	Good	166 cm	68 Kgs	PP - 132 mg	A+VE	Nor mal	No	Normal	14	70 min	120 / 80 mm of hg	S1 S2 Heard	No	Norma. 1	Norm al	No	No	Normal	Norma 1	NA	NA
3	Rahul Raj	M_0156	19/01/1988	Electrica 1	02-04-2018	Good	170 cm	78 Kgs	PP - 109 mg	O+VE	Nor mal	No	Normal	14	73 min	130 / 80 mm of hg	S1 S2 Heard	No	Norma 1	Norm al	No	No	Normal	Norma 1	NA	NA
4	Suresh Gorai	Turipati	28/12/1972	Mechani cal		Good	168 cm	78 kgs	PP - 142 mg	AB +VE	Nor mal	No	Normal	12	77 min	120 / 70 mm of hg	S1 S2 Heard	No	Norma 1	Norm al	No	No	Normal	Norma I	NA	NA
55	A. Durga Rao	M_0043	06/05/1980	Mechani cal	01-12-2010	Good	166 cm	74 Kgs	PP - 94 mg	B ±VE	Nor mal	No	Normal	14	73 min	130 / 80 mm of hg	S1 S2 Heard	No	Norma 1	Norm al	No	No	Normal	Norma 1	NA	NA
56	Nandlal Sinha	Turipati	05/01/1982	Mechani cal		Good	168	70 Kgs	Random - 82 mg/dl	B+VE	Nor mal	No	Normal	14	70 min	110 / 70 mm of hg	S1 S2 Heard	No	Norma 1	Norm al	No	No	Normal	Norma 1	NA	NA
57	Ashok Kumar Saw	Turipati	12/04/1989	Mechani		Good	170 cm	78 Kgs	PP - 140 mg	O +VE	Nor mal	No	Normal	12	70 min	130 / 80 mm of hg	S1 S2 Heard	No	Norma 1	Norm al	No	No	Normal	Norma 1	NA	NA
58	Raj Kumar	Turipati	02/04/1976	Mechani cal		Good	1. 6 8 cm	84 Kgs	Random - 138 mg/dl	B +VE	Nor mal	No	Normal	13	71 min	130 / 80 mm of hg	S1 S2 Heard	No	Norma 1	Norm al	No	No	Normal	Norma 1	NA	NA
59	Kamal Kumar Gupta	W_0113	30/07/1970	Electrica	04-02-2011	Good	167 cm	79 Kgs	Random - 100 mg/dl	O+VE	Nor mal	No	Normal	14	72 min	130 / 90 mm of hg	S1 S2 Heard	No	Norma 1	Norm al	No	No	Normal	Norma 1	NA	NA
60	Satyendra Kumar	W_0115	10/12/1990	Mechani	07-02-2011	Good	166 cm	74 kgs	Random - 120 mg/dl	O+VE	Nor mal	No	Normal	12	73 min	110 / 70 mm of hg	S1 S2 Heard	No	Norma 1	Norm al	No	No	Normal	Norma 1	NA	NA
61	Umesh Kr Chodhary	S_0003	31-10 1982	Mechani	22-10-2010	Good	167c m	80Kgs	Random	O+VE	Nor mal	No	Normal	14	76min	120 / 80 mm of hg	S1 S2 Heard	No	Norma I	Norm al	No	No	Normal	Norma	NA	NA
62	Lacchu Mahto	Turipati	28/02/1966	Operatio n		Good	168c m	71Kgs	Radom117 mg dl	B+VE	Nor mal	No	Normal	12	88min	130 / 90 mm of hg	S1 S2 Heard	No	Norma 1	Norm al	No	No	Normal	Norma 1	NA	NA
63	Dev Pathak	SMC	04/03/1987	Operatio n	01-04-2019	Good	168c m	80Kgs	PP - 120 mg/dl	A+VE	Nor mal	No	Normal	12	82min	130 / 80 mm of hg	S1 S2 Heard	No	Norma 1	Norm al	No	No	Normal	Norma 1	NA	NA
64	Vikash Kumar Sinha	Turipati	01/03/1977	Mechani		Good	168c m	80Kgs	Radom117 mg/dl	B+VE	Nor mal	No	Normal	13			S1 S2 Heard	No	Norma 1	Norm al	No	No	Normal	Norma 1	NA	NA
65	Sambhu Saw	W_0158	01-01-1982	Mechani	05-04-201	Good	169c m	79Kgs	Radom100 mg/dl	B+VE	Nor mal	No	Normal	14			S1 S2 Heard	No	Norma 1	Norm al	No	No	Normal	Norma 1	NA	NA
66	Chatlal Mahto	Turipati	01-01-1982	Mechani		Good	168c m	78Kgs	Radom117 mg/dl	B+VE	Nor mal	No	Normal	12	76min	110 / 80 mm of hg	S1 S2 Heard	No	Norma 1	Norm al	No	No	Normal	Norma 1	NA	NA
67	Bhudhan Mahto	Turipati	05-06-1985	Mechani		Good	167c m	72Kgs	Radom103 mg/dl	B+VE	Nor mal	No	Normal	13	71min	120 / 80 mm of hg	S1 S2 Heard	No	Norma 1	Norm al	No	No	Normal	Norma I	NA	NA
68	Vashist Mishra	M_0049	01-03-1983	Mechani	14-02-201	1 Good	167c m	78Kgs	PP - 100 mg/dl	B+VE	Nor mal	No	Normal	13	74min	110 / 70 mm of hg	S1 S2 Heard	No	Norma 1	Norm al	No	No	Normal	Norma 1	NA	NA

Medical Officer (M.O.)B.M.I

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WORKS: - VILLAGE-KAMTA, BLOCK-GOLA, DISTT-RAMGARH-829210(JHARKHAND)

REPORT OF MEDICAL EXAMINATION

						Gen	eral Su	rvey	Blod An	alysis	Eye	Vision	Hearing		Cardo	vascular S	ystem	Abdome			Nervous	System	Locomo	Skin		
0.	Name of the employee	No.	DOB	Nature of Job	DOJ	Healt h	Heig ht	Weigh t	Sugar	Grou p	Stat us	Use of Glass	Normal / Abnormal	Rate / Min	Pulse Rate	Blood Pressure	Heart Sound	n Tendern ess	Liver	Splee	History of Fit	Epilep sy	tor System	Cond	Hern ia	Hydr
9	Gobind Mahto	Turipati	02-03-1989	Mechani cal		Good	169c m	80Kgs	PP - 90mg/dl	B+VE	Nor mal	No	Normal	13		110 / 70 mm of hg	S1 S2 Heard	No	Norma I	Norm al	No	No	Normal	Norma I	NA	NA
70	Anuj Saw	Turipati	15-01-1998	Electrica		Good	166c m	72Kgs	Radom71m g/dl		Nor mal	No	Normal	14	73min	120 / 80 mm of hg	S1 S2 Heard	No	Norma 1	Norm al	No	No	Normal	Norma 1	NA	NA
71	Ramdhani Saw	Turipati	06-03-1990	Mechani cal		Good	168c m	70Kgs			Nor mal	No	Normal	12	71min		S1 S2 Heard	No	Norma 1	Norm al	No	No	Normal	Norma 1	NA	NA
72	MD, Sajjd	Turipati	13-01-1984	Mechani cal		Good	164c m	76Kgs	PP - 107 mg	O+VE	Nor mal	No	Normal	13	72min	130 / 80 mm of hg	S1 S2 Heard	No	Norma 1	Norm al	No	No	Normal	Norma 1	NA	NA
73	Premnath Dangi	Turipati	02-04-1968	Electrica		Good	170c m	82Kgs	Radom105 mg/dl		Nor mal	No	Normal	13			S1 S2 Heard	No	Norma 1	Norm al	No	No	Normal	Norma 1	NA	NA
74	Mahrai Mahto	Turipati	19-04-1961	Operatio n		Good	158c m	72Kgs	Radom86m g dl		Nor mal	No	Normal	13			S1 S2 Heard	No	Norma 1	Norm al	No	No	Normal	Norma I	NA	NA
75	Motiram Saw	Turipati	15-04-1974	Operatio n		Good	168c m	74Kgs	Random - 123 mg/dl		Nor mal	No	Normal	14	71min	110 / 70 mm of hg	S1 S2 Heard	No	Norma 1	Norm al	No	No	Normal	Norma I	NA	NA
76	Arjun Mahto	Turipati		Operatio n		Good	168c m	72Kgs	Radom117 mg/dl		Nor mal	No	Normal	14			S1 S2 Heard	No	Norma 1	Norm al	No	No	Normal	Norma 1	NA	NA
77	Subham Soni	Turipati	15-11-1994	Electrica		Good	162c m	74Kgs	Radom93m g dl		Nor mal	No	Normal	12	12min		S1 S2 Heard	No	Norma 1	Norm al	No	No	Normal	Norma 1	NA	NA
78	Nanadlal Mardi	W_0203	0-10-1997	Electrica 1	05-09-2011	Good	166c m	76Kgs			Nor mal	No	Normal	13	72min	110 / 70 mm of hg	S1 S2 Heard	No	Norma !	Norm al	No	No	Normal	Norma 1	NA	NA
79	OM Prakesh Sinha	M_0122		Mechani	16-11-2015	Good	175c m	76Kgs	Radom150 mg dl		Nor mal	No	Normal	13	73min	110 / 70 mm of hg	S1 S2 Heard	No	Norma 1	Norm al	No	No	Normal	Norma	NA	NA
80	Muneshwar Singh	M_0039	25/12/1975	Mechani	12-11-2010	Good	168 cm	75Kgs	Random- 88mg dl	A +VE	Nor mal	No	Normal	13	74p/mi n	120 / 70 mm of hg	S1 S2 Heard	No	Norma 1	Norm al	No	No	Normal	Norma 1	NA	NA
81	Subodh Singh	E_0037	28/07/1974	Mechani	10-11-2010	Good	172 cm	80Kgs	Random- 135mg/dl	B+VE	Nor mal	No	Normal	13	78/min	130 / 80 mm of hg	S1 S2 Heard	No	Norma i	Norm al	No	No	Normal	Norma 1	NA	NA
82	Sadanand Madam	W_0210	10/05/1989	Operatio n	25-11-201	Good	174 cm	82 Kgs	Random- 79mg/dl	O+VE	Nor mal	No	Normal	12	72/min	130 / 80 mm of hg	S1 S2 Heard	No	Norma I	Norm al	No	No	Normal	Norma 1	NA	NA
83	Pradeep kumar	W_0034	23/02/1982	Mechani	11-11-2010	Good	168 cm	70 Kgs	Random - 87 mg	B+VE	Nor mal	Yes	Normal	12	74/min	110 / 70 mm of hg	S1 S2 Heard	No	Norma I	Norm al	No	No	Normal	Norma I	NA	NA
84	Sewalal Saw	W_0144	28/02/1961	CPP	05-04-201	Good	170 cm	78 Kgs	PP - 89 mg	B+VE	Nor mal	No	Normal	14	72/min	120 / 80 mm of hg	S1 S2 Heard	No	Norma 1	Norm al	No	No	Normal	Norma I	NA	NA
85	Anil Saw	W_0152	01/01/1982	Mechani	05-04-201	Good	170 cm	82Kgs	Random - 93 mg/dl	AB +VE	Nor mal	No	Normal	13	84/min	130 / 90 mm of hg	S1 S2 Heard	No	Norma I	Norm al	No	No	Normal	Norma I	NA	NA

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For Brahmaputra Metallics Limited

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WORKS: - VILLAGE-KAMTA, BLOCK-GOLA, DISTT-RAMGARH-829210(JHARKHAND)

REPORT OF MEDICAL EXAMINATION

						Gen	eral Su	rvey	Blod An	alysis	Eye	Vision	Hearing	Respira	Cardo	vascular S	system	Abdome			Nervous	System	Locomo	Skin	619	
SI. No.	Name of the employee	No.	DOB	Nature of Job	DOJ	Healt h	Heig ht	Weigh t	Sugar	Grou p	Stat us	Use of Glass	Normal / Abnormal	Rate / Min	Pulse Rate	Blood Pressure	Heart Sound	n Tendern ess	Liver	Splee	History of Fit	Epilep sy	tor System	Cond ition	Hern	Hydr
86	Baljit Singh	SMC	18/04/1989	Operatio n	01-04-2019	Good	170 cm	70 Kgs	Random - 79 mg	A+VE	Nor mal	No	Normal	12	72/min	120 / 70 mm of hg	S1 S2 Heard	No	Norma 1	Norm al	No	No	Normal	Norma 1	NA	NA
87	Ram Singh	SMC	16/02/1982	Operatio n	01-04-2019	Good	166 cm	70 Kgs	Random - 89 mg	B +VE	Nor mal	No	Normal	13	72/min	130 / 80 mm of hg	S1 S2 Heard	No	Norma 1	Norm al	No	No	Normal	Norma 1	NA	NA
88 1	Rajkishor Karmali	W_0267	01/07/1988	Operatio n	01-08-2016	Good	166 cm	76 Kgs	Random - 86 mg	A+VE	Nor mal	No	Normal	12	74/min	130 / 80 mm of hg	S1 S2 Heard	No	Norma I	Norm al	No	No	Normal	Norma 1	NA	NA
89	Sanjay Kr Updhaya	M_0158	15/11/1972	Operatio n	05-06-2019	Good	168 cm	86 Kgs	Random - 93 mg	B+VE	Nor mal	No	Normal	13	74/min	130 / 80 mm of hg	S1 S2 Heard	No	Norma 1	Norm al	No	No	Normal	Norma 1	NA	NA
9()	Bijay Prasad	W_0125	26/02/1969	Operatio n	10-03-2011	Good	168 cm	76Kgs	Random - 130 mg	A +VE	Nor mal	No	Normal	13	74/min	130 / 80 mm of hg	S1 S2 Heard	No	Norma 1	Norm al	No	No	Normal	Norma I	NA	NA
91	Piyari Mahto	W_0019	28/06/1975	Electrica I	22-10-2010	Good	168 cm	80Kgs	Random- 121mg	B+VE	Nor mal	No	Normal	13	74/min	120 / 70 mm of hg	S1 S2 Heard	No	Norma 1	Norm al	No	No	Normal	Norma I	NA	NA
92	Sailendra Kumar	W_0007	21/11/1985	Electrica	20-10-2010	Good	166 cm	76 Kgs	Random - 135 mg	A+VE	Nor mal	No	Normal	12	78/min	120 / 70 mm of hg	S1 S2 Heard	No	Norma 1	Norm al	No	No	Normal	Norma 1	NA	NA
93	Vimla Devi	W_0195	16/02/1975	Office	15-07-2011	Good	166 cm	58 Kgs	Random - 95 mg	A +VE	Nor mal	No	Normal	13	71/min	110 / 70 mm of hg	S1 S2 Heard	No	Norma 1	Norm al	No	No	Normal	Norma 1	NA	NA
94	Upashi Devi	W_0107	15/12/1960	Office	01-02-2011	Good	158 cm	60 Kgs	Random - 194 mg	A +VE	Nor mal	No	Normal	13	74 min	130 / 80 mm of hg	S1 S2 Heard	No	Norma 1	Norm al	No	No	Normal	Norma 1	NA	NA
95	Santosh Kumar	W_0269	12/04/1994	Operatio n	01-04-2016	Good	168 cm	80 Kgs	Random - 81 mg	B+VE	Nor mal	No	Normal	13	76 min	120 / 80 mm of hg	S1 S2 Heard	No	Norma 1	Norm.	No	No	Normal	Norma I	NA	NA
96	Pankaj Kumar Baraik	M_0143	10/05/1990	Operatio n	01-09-2013	Good	166 cm	72 Kgs	Random - 95 mg	O+VE	Nor mal	No	Normal	12	72 min	130 / 80 mm of hg	S1 S2 Heard	No	Norma I	Norm al	No	No	Normal	Norma I	NA	NA
97	Ghulam Haider	E_0009	02/01/1969	Operatio n	02-05-200	Good	168 cm	72 Kgs	Random- 107 mg	B+VE	Nor mal	No	Normal	13	78 min	110 / 70 mm of hg	S1 S2 Heard	No	Norma I	Norm al	No	No	Normal	Norma 1	NA	NA
98	Wakil Pandit	W_0112	15/05/1970	Electrica	03-02-201	Good	178 cm	80 Kgs	Random- 76 mg	AB +VE	Nor mal	No	Normal	14	69 min	110 / 70 mm of hg	S1 S2 Heard	No	Norma 1	Norm al	No	No	Normal	Norma 1	NA	NA
99	Rathu Mahto	M_0079	09/12/1981	Operatio	01-09-201	Good	166 cm	72 Kgs	Random-93	O+VE	Nor mal	No	Normal	12	72 min	120 / 80 mm of hg	S1 S2 Heard	No	Norma 1	Norm al	No	No	Normal	Norma I	NA	NA
100	Roshan Kr Kasyap	W_0181	17/05/1990	Operatio n	02-05-201	Good	168 cm	70 Kgs	Random-99 mg/dl	B+VE	Nor mal	No	Normal	12	74 min	120 / 80 mm of hg	S1 S2 Heard	No	Norma I	Norm al	No	No	Normal	Norma I	NA	NA
101	Sanjay Thakur	M_0060	08/02/1983	Operatio n	05-04-201	1 Good	168 cm	70 Kgs	Random- 92mg/dl	B+VE	Nor mal	No	Normal	12	66 min	120 / 70 mm of hg	S1 S2 Heard	No	Norma 1	Norm al	No	No	Normal	Norma I	NA	NA
102	Chuttan Mahto	W_0216	30/10/1970	Operation	04-01-201	2 Good	166 cm	70 Kgs	Random- 100 mg/dl	A+VE	Nor mal	No	Normal	12	73 min	110 / 70 mm of hg	S1 S2 Heard	No	Norma 1	Norm al	No	No	Normal	Norma I	NA	NA

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REPORT OF MEDICAL EXAMINATION

T						Gen	eral Su	rvey	Blod An	alysis	Eye	Vision	Hearing	Respira	Cardo	ovascular S	ystem	Abdome			Nervous	System	Locomo	Skin		
0.	Name of the employee	No.	DOB	of Job	DOJ	Healt h	Heig ht	Weigh t	Sugar	Grou p	Stat	Use of Glass	Normal / Abnormal	Rate / Min	Pulse Rate	Blood Pressure	Heart Sound	n Tendern ess	Liver	Splee	History of Fit	Epilep sy	tor System	Cond	Hern ia	Hydr
13	indu rajapati	M_0108	20/02/1985	Electrica	03-09-2013	Good	168 cm	68 Kgs	Random- 107 mg/dl	O+VE	Nor mal	No	Normal	12	73 min	120 / 80 mm of hg	S1 S2 Heard	No	Norma 1	Norm al	No	No	Normal	Norma 1	NA	NA
)4 S	uyash Kumar	M_0160	25/10/1978	Operatio n	27-06-2019	Good	168 cm	70 Kgs	Random- 101 mg/dl	B ÷VE	Nor mal	No	Normal	13	70 min	110 / 70 mm of hg	S1 S2 Heard	No	Norma 1	Norm al	No	No	Normal	Norma 1	NA	NA
15	ikendra Lumar Mahto	M_0161	04/07/1990	Mechani cal	01-08-2017	Good	166 cm	68 Kgs	Random- 101 mg/dl	A+VE	Nor mal	No	Normal	12	76 min	120 / 70 mm of hg	S1 S2 Heard	No	Norma I	Norm al	No	No	Normal	Norma I	NA	NA
10	/ijai Pratap Mishra	M_0097	04/02/1968	Operatio n	01-10-2013	Good	168 cm	78 Kgs	Random- 178 mg/dl	B+VE	Nor mal	No	Normal	13	72 min	110 / 60 mm of hg	S1 S2 Heard	No	Norma 1	Norm al	No	No	Normal	Norma 1	NA	NA
07	mdad Ansari	W_0044	03/09/1985	Mechani cal	15-11-2010	Good	168 cm	75 Kgs	Random - 78 mg/dl	B+VE	Nor mal	No	Normal	13	74 min	130 / 80 mm of hg	S1 S2 Heard	No	Norma 1	Norm al	No	No	Normal	Norma I	NA	NA
1100	agdish Sharma	W_0171	12/08/1971	Operatio n	08-04-2011	Good	168 cm	70 Kgs	Random - 83 mg/dl	A+VE	Nor mal	No	Normal	14	74 min	130 / 80 mm of hg	S1 S2 Heard	No	Norma I	Norm al	No	No	Normal	Norma	NA	NA
()91	Shishupal Mandal	W_0169	21/03/1981	Operatio n	07-04-2011	Good	166 cm	70 Kgs	Random-87 mg/dl	O+VE	Nor mal	No	Normal	13	73 min	120 / 70 mm of hg	S1 S2 Heard	No	Norma 1	Norm al	No	No	Normal	Norma 1	NA	NA
	Ramakant Mahto	M_0071	05-01-1979	Mechani cal	01-06-2011	Good	168c m	78Kgs	Random-82 mg/dl	O+VE	Nor mal	No	Normal	13	74min	130 / 80 mm of hg	S1 S2 Heard	No	Norma 1	Norm al	No	No	Normal	Norma 1	NA	NA
111	Ravi Shankar Kumar	M_0167	03/01/1991	Mechani cal	07-02-2020	Good	166 cm	72 Kgs	Random-90 mg/dl	O+VE	Nor mal	No	Normal	13	74 min	130 / 90 mm of hg	S1 S2 Heard	No	Norma 1	Norm al	No	No	Normal	Norma I	NA	NA .
121	Awdhesh Kr Mahto	W_0129	22 11 1974	Mechani cal	01-04-201	Good	172 cm	72 Kgs	Random - 93 mg	AB+V E	Nor mal	No	Normal	13	78 min	130 / 80 mm of hg	S1 S2 Heard	No	Norma 1	Norm al	No	No	Normal	Norma 1	NA	NA
13	Sunil Kumar Lohani	W_0273	01 06 1973	Operatio n	16-08-201	7 Good	187 cm	82 Kgs	Random - 130 mg	A -VE	Nor mal	No	Normal	14	86 min	130 / 80 mm of hg	S1 S2 Heard	No	Norma 1	Norm al	No	No	Normal	Norma I	NA	NA
114	S. Nagaraju	E_0010	28-04-1979	Electrica 1	19-01-200	9 Good	168c m	78Kgs	Random - 135 mg/dl	B +VE	Nor mal	No	normal	14	78 min	120 / 70 mm of hg	S1 S2 Heard	No	Norma 1	Norm al	No	No	Normal	Norma 1	NA	NA
1151	Jayant Kumar Singh	E_0029	28-07-1974	Q.C.	01-09-201	0 Good	174 cm	80Kgs	Random- 140 mg/dl	O +VE	Nor mal	No	normal	14	78 min	110 / 70 mm of hg	S1 S2 Heard	No	Norma 1	Norm al	No	No	Normal	Norma 1	NA	NA
1161	Abhishek Anand	M_0004	01-03-1978	IT	01-02-200	8 Good	164 cm	65Kgs	Random- 135 mg/dl	A +VE	Nor mal	No	normal	12	72 min	120 / 80 mm of hg	S1 S2 Heard	No	Norma I	Norm al	No	No	Normal	Norma 1	NA	NA
11/1	Upendra Kr Pandey	M_0019	22-01-1975	P & A	17-05-201	0 Good	175 cm	80Kgs	Random- 140 mg/d	O +VE	Nor mal	No	normal	12	72 min	120 / 80 mm of hg	S1 S2 Heard	No	Norma I	Norm al	No	No	Normal	Norma 1	NA	NA
118	Ajay Kumar	M_0023	2 14-01-1968	P & A	02-06-201	0 Good	169 cm	72Kgs	Random- 130 mg/d	113+1/1	Nor mal	No	normal	14	78 min	130 / 80 mm of hg	S1 S2 Heard	No	Norma 1	Norm al	No	No	Normal	Norma 1	NA	NA
119	Rajesh Prasad	M_002	7 05-07-1981	Operatio n	25-08-201	10 Good	170 cm	75Kgs	Random- 136 mg/d	B +VE	Nor mal	No	normal	12	78 min	130 / 90 mm of hg	S1 S2 Heard	No	Norma 1	Norm al	No	No	Normal	Norma 1	NA	NA

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REPORT OF MEDICAL EXAMINATION

			T			Gene	ral Sur	vev	Blod Ana	alysis	Eye '	Vision	Hearing		Cardo	vascular S	ystem	Abdome		Splac	Nervous	System	Locomo	Skin	Hern	Hydr
Name of the employee	Token No.	DOB		2000	DOJ				Sugar	Grou	Stat	Use of Glass	Normal / Abnormal	tion Rate / Min	Pulse Rate	Blood Pressure	Heart Sound	n Tendern ess	Liver	n	History of Fit	Epilep sy	tor System	Cond ition		ocele
shok Kumar	M_0028	13-02-1985	Op		25-08-2010		174	75Kgs	Random- 140 mg/dl	A +VE	Nor mal	No	normal	14	78 min	130 / 90 mm of hg	S1 S2 Heard	No	Norma 1	Norm al	No	No	Normal	Norma 1	NA	NA
nand Kumar	M_0030	13-02-1985	5 (01-09-2010	Good	168 cm	65Kgs	Random- 132 mg/dl	B +VE	Nor mal	No	normal	14	78 min	130 / 90 mm of hg	S1 S2 Heard	No	Norma I	Norm al	No	No	Normal	Norma I	NA	NA
Devendra	M_0159	07-07-1989	o O	peratio n	20-06-2019	Good	168 cm	60 Kgs	Random- 115 mg/dl	B +VE	Nor mal	No	normal	12	74 min	120 / 70 mm of hg	S1 S2 Heard	No	Norma 1	Norm al	No	No	Normal	Norma 1	NA	NA
	S_0002	08-07-198	7	ommer	01-06-2010	Good	162 cm	56Kgs	Random- 115 mg/dl	B +VE	Nor mal	No	normal	12	78 min	130 / 90 mm of hg	S1 S2 Heard	No	Norma I	Norm al	No	No	Normal	Norma 1	NA	NA
aljee Singh	S_0011	18-01-197			01-04-2011	Good	176 cm	75Kgs	Random- 140 mg/dl	O +VE	Nor mal	No	normal	14	84 min	120 / 90 mm of hg	S1 S2 Heard	No	Norma 1	Norm al	No	No	Normal	Norma 1	NA	NA
Fikendar Saw	S_0005	08-01-198	30 1	P & A	01-01-2011	Good	168 cm	77Kgs	Random- 132 mg/dl	A +VE	Nor mal	No	normal	12	74 min	130 / 80 mm of hg	S1 S2 Heard	No	Norma 1	Norm al	No	No	Normal	Norma 1	NA	NA
Gouri Shankar	W_001	15-06-197	71 N		20-10-2010	Good	175 em	75Kgs	Random- 135 mg/dl	AB +VE	Nor mal	No	normal	14	78 min	130 / 90 mm of hg	S1 S2 Heard	No	Norma 1	Norm al	No	No	Normal	Norma 1	NA	NA
Irfan Ullah	W_003	7 02-02-190	64 E		15-11-2010	Good	165 cm	70Kgs	Random- 140 mg/dl	A +VE	Nor mal	No	normal	15	87 min	130 / 90 mm of hg	S1 S2 Heard	No	Norma 1	Norm al	No	No	Normal	Norma 1	NA	NA
Chandrasekha	W_004	6 07-01-19	75 N		16-11-201	0 Good	175 cm	68Kgs	Random- 123 mg/dl	A +VE	Nor mal	No	normal	14	84 min	110 / 70 mm of hg	S1 S2 Heard	No	Norma 1	Norm al	No	No	Normal	Norma 1	NA	NA
Dhyani Kr	W_005	4 18-09-19	89	P & A	01-01-201	1 Good	168 cm	75Kgs	Random- 140 mg/dl	A +VE	Nor mal	No	normal	13	88 mir	130 / 90 mm of hg	1 2 2 2 2	No	Norma	Norm al	No	No	Normal	Norma 1	NA	NA
	W_006	0 03-11-19	084	P & A	01-01-201	1 Good	162 cm	65Kgs	Random- 138 mg/d	A +VE	Nor mal	No	normal	14	78 mir	130 / 90 mm of hg		I NO	Norma 1	Norm al	No	No	Normal	Norma	NA	NA
	w 008	30 18-01-19	985	P & A	20-01-201	12 Good	165	60Kgs	Random- 124 mg/d	AB 1 +VE	Nor mal	No	normal	14	78 min	120 / 80 mm of hg		No	Norma 1	Norm al	No	No	Normal	Norma	NA	NA
	-	86 20-09-19	960	DRI-	20-11-20	11 Good	170	86Kgs	Random-			NO	normal	14	86 min	n 130 / 90 mm of hg		No	Norma	Norm al	No	No	Normal	Norma 1	NA	NA
Madhusudan	W 01	00 30-01-1	984	Electrica	25-01-20	11 Good	168	70Kg				NO	normal	13	78 mi	n 120 / 80 mm of h		I No	Norma 1	Norm al	No No	No	Normal	Norma 1	NA	NA
Rajesh Kum	ar W_00	85 07-03-1	992	Q.C.	20-01-20	11 Goo	158	45Kg	e l			No	normal	12	84 mi	n		No	Norma 1	a Norm	No No	No	Normal	Norma 1	NA	NA
	W_00	084 18-07-1	1965	CPP	20-01-20	11 Goo	160	150Kg	0			. No	normal	15	74 mi	n		No	Norma	a Nom	No	No	Normal	Norma	NA	NA
Sachit Kuma	ar	208 05-01-	1993	Q.C.	03-11-20	O11 Goo	d 165	72Kg	ie l	1- B	No	r No	norma	12		n		NO	Norm:	a Norn	n No	No	Normal	Norma 1	NA	NA
	shok Kumar mand Kumar mand Kumar devendra tumar tajesh Kumar aljee Singh Tikendar Saw Gouri Shankar Irfan Ullah Chandrasekhar Mahto Dhyani Kr Mahto Kuldip Rajak Satish Munda Ravi Saw Madhusudan Mahto Rajesh Kum Saw Bhandu Saw	shok Kumar M_0028 shok Kumar M_0028 shok Kumar M_0028 shok Kumar M_0030 shok Kumar M_0030 sevendra sumar S_0002 saljee Singh S_0011 Fikendar Saw S_0005 Gouri Shankar W_0011 Irfan Ullah W_003 Chandrasekha r Mahto W_004 Chandrasekha r Mahto W_005 Kuldip Rajak W_006 Satish Munda W_008 Ravi Saw W_008 Ravi Saw W_008 Madhusudan Mahto Rajesh Kumar Saw W_006 Sachit Kumar W_006 Sachit Kumar W_006 Sachit Kumar W_006 Sachit Kumar W_006	shok Kumar M_0028 13-02-1983 mand Kumar M_0030 13-02-1983 mand Kumar M_0030 13-02-1983 evendra M_0159 07-07-1983 aljee Singh S_0002 08-07-1983 aljee Singh S_0011 18-01-197 Fikendar Saw S_0005 08-01-198 Gouri Shankar W_0011 15-06-193 Irfan Ullah W_0037 02-02-196 Chandrasekha r Mahto W_0046 07-01-19 Chandrasekha r Mahto W_0054 18-09-19 Kuldip Rajak W_0060 03-11-19 Satish Munda W_0080 18-01-19 Ravi Saw W_0086 20-09-19 Madhusudan Mahto W_0085 07-03-1 Rajesh Kumar Saw W_0084 18-07-05 Bhandu Saw W_0084 18-07-05 Sachit Kumar W_0088 05-01-05 Sachit Kumar W_0088 05-01-05 Sachit Kumar W_0088 05-01-05	semployee No. DOB of shok Kumar M_0028 13-02-1985 Or mand Kumar M_0030 13-02-1985 Or mand Kumar M_0159 07-07-1989 Or devendra M_0159 07-07-1989 Or dajesh Kumar S_0002 08-07-1987 Or dajee Singh S_0011 18-01-1971 M Gouri Shankar W_0011 15-06-1971 M Irfan Ullah W_0037 02-02-1964 E Chandrasekha r Mahto W_0046 07-01-1975 M Kuldip Rajak W_0054 18-09-1989 M Kuldip Rajak W_0060 03-11-1984 M Satish Munda W_0080 18-01-1985 M Ravi Saw W_0086 20-09-1960 M Madhusudan Mahto W_0085 07-03-1992 M Bhandu Saw W_0084 18-07-1965 M Sachit Kumar Sachit Kumar W_0208 05-01-1993	employee No. DOB of Job shok Kumar M_0028 13-02-1985 Operation mand Kumar M_0030 13-02-1985 Q. C. evendra M_0159 07-07-1989 Operation cumar S_0002 08-07-1987 Commercial caljee Singh S_0011 18-01-1971 P & A Gouri Shankar W_0011 15-06-1971 Mechanical Irfan Ullah W_0037 02-02-1964 Electrical Ichandrasekha W_0046 07-01-1975 Mechanical Image: Commer Cial Mechanical Mechanical Infan Ullah W_0037 02-02-1964 Electrical Infan Ullah W_0046 07-01-1975 Mechanical Infan Ullah W_0054 18-09-1989 P & A Kuldip Rajak W_0054 18-09-1989 P & A Satish Munda W_0080 18-01-1985 P & A Ravi Saw W_0086 20-09-1960 DRI-RMHS Madhusudan W_0085	shok Kumar M_0028 13-02-1985 Operatio n 25-08-2010 mand Kumar M_0030 13-02-1985 Q. C. 01-09-2010 Operatio n 20-06-2019 mand Kumar M_0159 07-07-1989 Operatio n 20-06-2019 mand Kumar S_0002 08-07-1987 Commer cial 01-06-2010 mand Kumar S_0002 08-07-1987 Commer cial 01-06-2010 mand Kumar S_0002 08-07-1987 Commer cial 01-06-2010 mand Kumar S_0005 08-01-1980 P. & A 01-01-2011 Mechani cal 20-10-2010 mand Kumar W_0011 15-06-1971 Mechani cal 15-11-2010 mand Kumar W_0037 02-02-1964 Electrica 1 15-11-2010 mand Kumar Mando M_0080 18-01-1975 Mechani cal 16-11-2010 mand Kuldip Rajak W_0060 03-11-1984 P. & A 01-01-2010 mand Kuldip Rajak W_0060 03-11-1984 P. & A 01-01-2010 mand Mando M_0080 18-01-1985 P. & A 20-01-2010 mand Mando M_0080 18-01-1985 P. & A 20-01-2010 mand Mando M_0080 18-01-1984 Electrica 1 25-01-2010 mand Mando M_0085 07-03-1992 Q. C. 20-01-2010 mand Mando M_0088 05-01-1993 Q. C. 03-11-2010 mand Mando Sachit Kumar M_0088 05-01-1993 Q. C. 03-11-2010 mand Mando Sachit Kumar M_0088 05-01-1993 Q. C. 03-11-2010 mand Mando Sachit Kumar M_0088 05-01-1993 Q. C. 03-11-2010 mand Mando Sachit Kumar M_0088 05-01-1993 Q. C. 03-11-2010 mand Mando Sachit Kumar M_0088 05-01-1993 Q. C. 03-11-2010 mand Mando Sachit Kumar M_0088 05-01-1993 Q. C. 03-11-2010 mand Mando Sachit Kumar M_0088 05-01-1993 Q. C. 03-11-2010 mand Mando Sachit Kumar M_0088 05-01-1993 Q. C. 03-11-2010 mand Mando Sachit Kumar M_0088 05-01-1993 Q. C. 03-11-2010 mand Mando Sachit Kumar M_0088 05-01-1993 Q. C. 03-11-2010 mand Mando Sachit Kumar M_0088 05-01-1993 Q. C. 03-11-2010 mand Mando Sachit Kumar M_0088 05-01-1993 Q. C. 03-11-2010 mand Mando Sachit Kumar M_0088 05-01-1993 Q. C. 03-11-2010 mand Mando Sachit Kumar M_0088 05-01-1993 Q. C. 03-11-2010 mand Mando Sachit Kumar M_0088 05-01-1993 Q. C. 03-11-2010 mand Mando Sachit Kumar M_0088 05-01-1993 Q. C. 03-11-2010 mand Mando Sachit Kumar M_0088 05-01-1993 Q. C. 03-11-2010 mand Mando Sachit Kumar M_0088 05-01-1993 Q. C. 03-11-2010 mand Mando Sachit Kumar M_0088 05-01-1993 Q. C. 03-11-2010 mand Mando Sachit Kum	Name of the employee Token No. DOB Nature of Job DOJ Healt h shok Kumar M_0028 13-02-1985 Operation Shok Kumar 25-08-2010 Good mand Kumar M_0030 13-02-1985 Q. C. 01-09-2010 Good devendra Cumar M_0159 07-07-1989 Operation Operation Sumar 01-06-2010 Good dajesh Kumar S_0002 08-07-1987 Commer Cial 01-06-2010 Good Gouri Shankar S_0005 08-01-1980 P & A 01-04-2011 Good Gouri Shankar W_0011 15-06-1971 Mechani Cal 20-10-2010 Good Gram Ullah W_0037 02-02-1964 Electrica Interception 15-11-2010 Good Chandrasekha Mahto W_0046 07-01-1975 Mechani Cal 16-11-2010 Good Chandrasekha W_0054 18-09-1989 P & A 01-01-2011 Good Kuldip Rajak W_0060 03-11-1984 P & A 01-01-2011 Good Ravi Saw W_0086	Same of the employee	employee No. DOB not of Job not of Job not not of Job not	Nature of the employee	Same of the employee	Name of the employee	Name of the employee No. DOB Nature of Job Nat	Nature Paralle Paral	Name of the employee Token of Job DOJ Healt Healt	Part Part	Same of the employee Toke Properties Properties	Sample Face Pace Pace	Sample Park Park	No. Part P	Part Part	Part Part	Part Part	Part Part	Part Part	Part

DR. VIVEK KUMAR

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Medical Officer (M.O.)B.M.I

For Brahmaputra Metallics Limited

Aanl Salu Director

WORKS: - VILLAGE-KAMTA, BLOCK-GOLA, DISTT-RAMGARH-829210(JHARKHAND)

REPORT OF MEDICAL EXAMINATION

						Gene	eral Su	rvey	Blod An	alysis	Eye	Vision	Hearing	Respira	Cardo	vascular S	ystem	Abdome		6.1	Nervous	System	Locomo	Skin		
61.	Name of the employee	Token No.	DOB	Nature of Job	DOJ	-	Heig ht	-	Sugar	Grou p	Stat	Use of Glass	Normal / Abnormal	tion Rate / Min	Pulse Rate	Blood Pressure	Heart Sound	n Tendern ess	Liver	Splee	History of Fit	Epilep sy	tor System	Cond ition	ia	Hydr
37	Sanjib Mahto	W_0219	10-04-1988	Electrica		Good					Nor mal	No	normal				S1 S2 Heard	No	Norma 1	Norm al	No	No	Normal	Norma 1	NA	NA
38	Bimlesh Kumar	S_0020	15-05-1977	P & A	02-08-2011	Good	168 cm	60kgs	Random- 132mg/dl	B +VE	Nor mal	No	normal	12	74 min	120 / 80 mm of hg	S1 S2 Heard	No	Norma I	Norm al	No	No	Normal	Norma 1	NA.	NA
39	Mahesh Kumar Singh	S_0028	05-11-1967	P & A	01-09-2014	Good	170 cm	78Kgs	Random- 140mg/dl	B +VE	Nor mal	No	normal	14	84 min	130 / 90 mm of hg	S1 S2 Heard	No	Norma 1	Norm al	No	No	Normal	Norma 1	NA	NA
40	Pawan Kumar Singh	W_0001	19-03-1984	Electrica 1	01-10-2010	Good	170 em	75Kgs	Random- 140mg/dl	A +VE	Nor mal	No	normal	13	80 min	130 / 90 mm of hg	S1 S2 Heard	No	Norma 1	Norm al	No	No	Normal	Norma 1	NA	NA
141	Seraj Ansari	W_0003	23-04-1980	Electrica 1	01-10-2010	Good	169 cm	70Kgs	Random- 135 mg/dl	O +VE	Nor mal	No	normal	13	78 min	120 / 80 mm of hg	S1 S2 Heard	No	Norma 1	Norm al	No	No	Normal	Norma 1	NA	NA
142	Praveen Kr Mahto	W_0023	15-01-1976	E&1	22-10-2010	Good	176 em	80Kgs	Random- 123 mg/dl	B +VE	Nor- mal	No	normal	12	80 min	130 / 80 mm of hg	-	No	Norma 1	Norm al	No	No	Normal	Norma 1	NA	NA
143	Mukesh Kr Mahto	W_0022	19-01-1982	Mechani	22-10-2010	Good	175 em	70Kgs	Random- 125 mg/dl	B +VE	Nor mal	No	normal	12	78 min	120 / 80 mm of hg	S1 S2 Heard	No	Norma 1	Norm al	No	No	Normal	Norma 1	NA	NA
144	Ganesh Ch. Thakur	W_0012	25-11-1971	Mechani	20-10-2010	Good	175 cm	76Kgs	Random- 140 mg/dl	B +VE	Nor mal	No	normal	14	78 n~1in	130 / 90 mm of hg	S1 S2 Heard	No	Norma I	Norm al	No	No	Normal	Norma 1	NA	NA
145	Rahul Jaiswal	M_0162	08-09-1995	Q.C.	03-02-2020	Good	175 cm	65Kgs	Random- 120 mg/dl	O +VE	Nor mal	No	normal	12	74 min	120 / 70 mm of hg	S1 S2 Heard	No	Norma 1	Norm al	No	No	Normal	Norma 1	NA	NA
146	Saurabh Raj	M_0163	25-08-1996	DRI- RMHS	03-02-202	0 Good	169 cm	60Kgs	Random- 125 mg/dl	B - VE	Nor mal	No	normal	12	74 min	120 / 70 mm of hg	S1 S2 Heard	No	Norma 1	Norm al	No	No	Normal	Norma 1	NA	NA
147	7 Upendra Kumar	W_0021	01-01-1988	DRI- RMHS	22-10-201	0 Good	165 cm	60Kgs	Random- 122 mg/dl	B +VE	Nor mal	No	normal	14	78 min	130 / 90 mm of hg	-	No	Norma 1	Norm al	No	No	Normal	Norma 1	NA	NA
14	Yugeshwar Rajak	W_001	7 14-05-1969	Operation	20-10-201	0 Good	172 cm	68Kgs	Random- 139 mg/d	O +VE	Nor mal	No	normal	14	78 min	110 / 70 mm of hg	S1 S2 Heard	No	Norma 1	Norm al	No	No	Normal	Norma 1	NA	NA
14	Rajiv Kumar Gupta	W_0010	01-02-1975	Operation	20-10-201	Good	164 cm	60Kgs	Random- 125 mg/d	O +VE	Nor mal	No	normal	12	78 min	110 / 70 mm of hg	S1 S2 Heard	No	Norma 1	Norm al	No	No	Normal	Norma 1	NA	NA
15	Shailendra	W_000	7 21-11-1983	Electric	a 20-10-20	10 Good	169 cm	60Kgs	Random- 122 mg/d	A +VE	Nor mal	No	normal	13	78 min	130 / 90 mm of hg	S1 S2 Heard	No	Norma 1	Norm al	No	No	Normal	Norma 1	NA	NA
15	Birendra Nath Mahto	w_000	5 16-11-1988	DRI- RMHS	20-10-20	10 Good	165 cm	68Kgs	Random- 125mg/d	O +VE	Nor mal	No	normal	12	78 min	130 / 90 mm of hg	S1 S2 Heard	No	Norma	Norm al	No	No	Normal	Norma 1	NA	NA
15	MD. Aftab Alam	W_000	4 25-01-199.	Electric	o1-10-20	10 Good	d 168 cm	80Kg	Random- 119mg/d		Nor mal	No	normal	14	88 min	130 / 90 mm of hg	S1 S2 Heard	No	Norma 1	Norm al	No	No	Normal	Norma 1	NA	NA
1:	Abhishek Kumar	M_016	5 26-03-199	DRI- RMHS	04-02-20	20 Goo	d 160 cm	56Kg	S Random 115mg/d			No	normal	12	78 min	110 / 70 mm of hg	13000	No	Norma 1	Norm al	No	No	Normal	Norma 1	NA	NA

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WORKS: - VILLAGE-KAMTA, BLOCK-GOLA, DISTT-RAMGARH-829210(JHARKHAND)

REPORT OF MEDICAL EXAMINATION

					Gene	ral Su	rvey	Blod An	alysis	Eye	Vision	Hearing	110000	Cardo	vascular S	ystem	Abdome		Cular	Nervous	System	Locomo	Skin	Harm	Diede
	Foken No.	DOB	Nature of Job	DOJ	Healt h	Heig ht	Weigh	Sugar	Grou p	Stat	Use of Glass	Normal/ Abnormal	tion Rate / Min	Pulse Rate	Blood Pressure	Heart Sound	n Tendern ess	Liver	n	History of Fit	Epilep sy	tor System	Cond ition	2000	Hydr
1	M_0168	30-11-1995	Mechani	10-02-2020	Good	162 cm	58Kgs	Random- 138mg/dl	O +VE	Nor mal	No	normal	12	72 min	110 / 70 mm of hg	S1 S2 Heard	No	Norma 1	Norm al	No	No	Normal	Norma 1	NA	NA
	S_0001	20-01-1985	Commer	01-01-2010	Good	172 cm	75Kgs	Random- 139mg/dl	O +VE	Nor mal	No	normal	13	78 min	130 / 90 mm of hg	Heard	No	Norma 1	Norm al	No	No	Normal	Norma	NA	NA
	S_0024	02-07-1980	Commer	01-07-2013	Good	165 cm	66Kgs	Random- 124mg/dl	O +VE	Nor mal	No	normal	12	78 min	130 / 90 mm of hg	S1 S2 Heard	No	Norma 1	Norm al	No	No	Normal	Norma 1	NA	NA
	S_0004	03-01-1982	Electrica 1	27-10-2010	Good	166 cm	59Kgs	Random- 138mg/dl	O +VE	Nor mal	No	normal	12	79 min	130 / 90 mm of hg	S1 S2 Heard	No	Norma 1	Norm al	No	No	Normal	Norma 1	NA	NA
	W_0018	01-01-1982	F.&1	21-10-2010	Good	169 cm	52Kgs	Random- 114mg/dl	O +VE	Nor mal	No	normal	14	79 min	110 / 70 mm of hg	S1 S2 Heard	No	Norma 1	Norm al	No	No	Normal	Norma 1	NA	NA
	W_0099	12-01-1974	E&1	25-01-2011	Good	168 cm	62Kgs	Random- 137mg/dl	B +VE	Nor mal	No	normal	12	74 min	120 / 70 mm of hg	S1 S2 Heard	No	Norma I	Norm al	No	No	Normal	Norma I	NA	NA
	W_0093	03-02-1980	Mechani cal	21-01-2011	Good	169 cm	66Kgs	Random- 133mg/dl	A +VE	Nor mal	No	normal	14	80 min	130 / 90 mm of hg	S1 S2 Heard	No	Norma I	Norm al	No	No	Normal	Norma 1	NA	NA
Pradeep Kr	W_0114	06-10-1984	E&1	07-02-2011	Good	166 cm	65Kgs	Random- 120mg/dl	O +VE	Nor mal	No	Normal	14	78 min	110 / 70 mm of hg	S1 S2 Heard	No	Norma I	Norm al	No	No	Normal	Norma 1	NA	NA
Dharmendra	W_0123	20-08-1983	CPP	08-03-201	Good	175 cm	72Kgs	Random- 132mg/dl	O +VE	Nor mal	No	Normal	13	74 min	120 / 80 mm of hg	S1 S2 Heard	No	Norma 1	Norm al	No	No	Normal	Norma 1	NA	NA
	W_0148	18-02-1984	Mechani	05-04-201	Good	162 cm	60Kgs	Random- 140mg di	A +VE	Nor mal	No	Normal	12	78 min	110 / 70 mm of hg	S1 S2 Heard	No	Norma 1	Norm al	No	No	Normal	Norma 1	NA	NA
Telenga Bara	W_0127	15-03-1991	CPP	14-03-201	Good	165 cm	61Kgs	Random- 123mg dl	B +VE	Nor mal	No	Normal	13	78 min	130 / 80 mm of hg	S1 S2 Heard	No	Norma 1	Norm al	No	No	Normal	Norma l	NA	NA
Niranjan Saw	W_0136	22-09-1968	Mechani	05-04-201	1 Good	168 cm	66Kgs	Random- 142mg/dl	O +VE	Nor mal	No	Normal	13	77 min	130 / 90 mm of hg	S1 S2 Heard	No	Norma 1	Norm al	No	No	Normal	Norma 1	NA	NA
Suita Saw	W_0147	05-03-1975	Mechani	05-04-201	1 Good	162 cm	80Kgs	Random- 135mg dl	A -VE	Nor mal	No	normal	15	78 min	130 / 90 mm of hg	S1 S2 Heard	No	Norma 1	Norm al	No	No	Normal	Norma 1	NA	NA
Anamul	W_0132	15-08-1984	СНР	01-04-2011	Good	162 cm	59Kgs	Random-	O +VE	Nor mal	No	normal	14	78 min	130 / 90 mm of hg	S1 S2 Heard	No	Norma 1	Norm al	No	No	Normal	Norma I	NA	NA
Sahdew	W_013	1 12-01-1974	СНР	01-04-201	Good	165 cm	82Kgs	Random- 134mg/d		Nor mal	No	normal	14	87 min	130 / 90 mm of hg	S1 S2 Heard	No	Norma 1	Norm ál	No	No	Normal	Norma 1	NA	NA
Ramkishor	W_012	8 22-01-1989	СНР	01-04-20	Good	168 cm	72Kgs			Nor mal	No	normal	12	78 min	130 / 80 mm of hg	S1 S2 Heard	No	Norma 1	Norm al	No	No	Normal	Norma 1	NA	NA
	W_014	6 05-11-1984	Operatio n	05-04-20	Good	1 164 cm	55Kgs	2		Nor mal	No	normal	12	74 min	110 / 70 mm of hg	S1 S2 Heard	No	Norma 1	Norm al	No	No	Normal	Norma 1	NA	NA
	employee oknath sarmah Ajit Kumar singh Ashok Kumar Malik Debabrata Samanta Sunil Kumar Mehta Ranjan Singh Sanjay Sharma Pradeep Kr Yadav Dharmendra Vishwakarma Ashok Kumar Telenga Bara Niranjan Saw Suita Saw Anamul Ansari Sahdew Karmakar Ramkishor Gope	coknath carmah No. coknath carmah Njit Kumar Singh Ashok Kumar Malik Debabrata Samanta Sunil Kumar Mehta Ranjan Singh W_0018 Sanjay Sharma Pradeep Kr Yadav Dharmendra Vishwakarma W_0114 Telenga Bara W_0123 Ashok Kumar W_0148 Telenga Bara W_0127 Niranjan Saw W_0136 Suita Saw W_0137 Anamul Ansari Sahdew Karmakar Ramkishor Gope	employee No. DOB Joknath Jarmah M_0168 30-11-1995 Ashok Kumar Singh S_0001 20-01-1985 Ashok Kumar Malik S_0024 02-07-1980 Debabrata Samanta S_0004 03-01-1982 Sunil Kumar Mehta W_0018 01-01-1982 Ranjan Singh W_0099 12-01-1974 Sanjay Sharma W_0093 03-02-1980 Pradeep Kr Yadav W_0114 06-10-1984 Dharmendra Vishwakarma W_0123 20-08-1983 Ashok Kumar W_0148 18-02-1984 Telenga Bara W_0127 15-03-1991 Niranjan Saw W_0136 22-09-1968 Suita Saw W_0147 05-03-1975 Anamul Ansari Sahdew W_0131 12-01-1974 Karmakar Ramkishor Gope W_0128 22-01-1980	employee No. DOB dechanical Joknath Jarmah M_0168 30-11-1995 Mechanical Ashok Kumar Jamah S_0001 20-01-1985 Commer cial Ashok Kumar Jamah S_0024 02-07-1980 Commer cial Ashok Kumar Jamah S_0004 03-01-1982 Electrica Jamah Samanta S_0004 03-01-1982 E_8 1 Sunil Kumar Jamah W_0018 01-01-1982 E_8 1 Ranjan Singh W_0099 12-01-1974 E_8 1 Sanjay Jamah W_0099 12-01-1974 E_8 1 Sanjay Sharma W_0093 03-02-1980 Mechani cal Pradeep Kr Yadav W_0114 06-10-1984 E_8 1 Dharmendra Vishwakarma W_0123 20-08-1983 CPP Ashok Kumar W_0148 18-02-1984 Mechani cal Telenga Bara W_0127 15-03-1991 CPP Niranjan Saw W_0136 22-09-1968 Mechani cal Suita Saw W_0147 05-03-1975 Mechani cal	employee No. DOB default of Job DOS default Joknath Jarmah M_0168 30-11-1995 Mechani cal 10-02-2020 Agit Kumar Jingh S_0001 20-01-1985 Commer cial 01-01-2010 Ashok Kumar Malik S_0024 02-07-1980 Commer cial 01-07-2013 Debabrata Samanta S_0004 03-01-1982 Electrica lectrica lectri	Name of the employee Token No. DOB Nature of Job DOJ Healt h Joknath armah M_0168 30-11-1995 Mechani cal 10-02-2020 Good Jit Kumar Singh S_0001 20-01-1985 Commer cial 01-01-2010 Good Jit Kumar Singh S_0024 02-07-1980 Commer cial 01-07-2013 Good John James Singh S_0004 03-01-1982 Electrica lettrica 27-10-2010 Good Sunil Kumar Mehta W_0018 01-01-1982 E & 1 21-10-2010 Good Ranjan Singh W_0099 12-01-1974 E & 1 25-01-2011 Good Sanjay Sharma W_0093 03-02-1980 Mechani cal 21-01-2011 Good Pradeep Kr Yadav W_0114 06-10-1984 E & 1 07-02-2011 Good Dharmendra Vishwakarma W_0123 20-08-1983 CPP 08-03-2011 Good Ashok Kumar W_0148 18-02-1984 Mechani cal 05-04-2011 Good Niranjan Saw	Name of the employee	No. DOB of Job DO3 Healt Height Remain N_0168 30-11-1995 Mechani call 10-02-2020 Good 162 58Kgs Commer cial 01-01-2010 Good 172 75Kgs Commer cial 01-07-2013 Good 165 66Kgs Commer cial 27-10-2010 Good 166 Commer cial 27-10-2010 Good 166 Commer cial 27-10-2010 Good 169 Commer cial 27-10-2011 Good 160 Commer cial 27-10-2011 G	Name of the employee Token No. DOB Nature of Job DOJ Healt Height Weight to the part of Job No. DOJ Healt Height Weight to the part of Job No. Healt Height Height Weight to the part of Job No. N	Name of the employee No. DOB Nature of Job DOJ Healt Height Nt. Numar singh Nature of Job No. DOJ Healt Height Nt. Numar singh Nature of Job Nature of Job	Name of the employee No. DOB No. DOB Nature of Job DOJ Healt Height Weight Sugar Grou us us us us us not near mah M_0168 30-11-1995 Mechani cal 10-02-2020 Good 162 58Kgs Random- O- VE mal No. No.	Name of the employee No. DOB Nature of Job DOJ Healt h Height t No. Sugar Grou Stat Use of Glass Oknath armah M_0168 30-11-1995 Mechani cal 01-02-2020 Good 162 58Kgs 138mg/dl -VE mal No mal No miningh S_0001 20-01-1985 Commer cial 01-07-2013 Good 165 66Kgs 138mg/dl -VE mal No mal	Name of the employee Name of Job Name	Name of the employee	Name of the employee Token Mo. DOB Nature of Job DOB Healt Height He	No. No.	Name of the employee No. DOB No. No.	Name of the employed No. Poble Poble No. No.	Name of the employed Poke Poke	Sample S	Part Part	Part	Name of the purply with part	Name of the personal persona	Part

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REPORT OF MEDICAL EXAMINATION

						Gene	eral Su	rvey	Blod An	alysis	Eye	Vision	Hearing		Cardo	vascular S	ystem	Abdome		Splac	Nervous	System	Locomo	Skin	Hern	Hydr
SI.	Name of the employee	Token No.	DOB	Nature of Job	DOJ		Heig ht		Sugar	Grou	Stat	Use of Glass	Normal / Abnormal	Rate/ Min	Pulse Rate	Blood Pressure	Heart Sound	n Tendern ess	Liver	Splee	History of Fit	Epilep sy	tor System	Cond ition	ia	ocele
171	Sawan Saw	W_0135	15-08-1989	Operatio n	05-04-2011		165	59Kgs	Random- 135mg/dl	A +VE	Nor mal	No	normal	14	78 min	130 / 80 mm of hg	S1 S2 Heard	No	Norma I	Norm al	No	No	Normal	Norma 1	NA	NA
172	Sulendra Mahto	W_0151	06-01-1992	Mechani	05-04-2011	Good	168 cm	60Kgs	Random- 123mg/dl	B +VE	Nor mal	No	normal	12	74 min	120 / 70 mm of hg	S1 S2 Heard	No	Norma 1	Norm al	No	No	Normal	Norma I	NA	NA
173	Mahabir Kr Mahto	W_0153	10-02-1992	Mechani	05-04-2011	Good	168 cm	70Kgs	Random- 125mg/dl	A +VE	Nor mal	No	normal	14	78 min	130 / 90 mm of hg	S1 S2 Heard	No	Norma 1	Norm al	No	No	Normal	Norma I	NA	NA
174	Jagdish Saw	W_0172	01-01-1981	Mechani	09-04-2011	Good	175 cm	65Kgs	Random- 136mg/dl	B +VE	Nor mal	No	normal	15	84 min	130 / 90 mm of hg	S1 S2 Heard	No	Norma 1	Norm al	No	No	Normal	Norma 1	NA	NA
175	Sunil Munda	W_0190	15-04-1977	DRI- RMHS	18-05-2011	Good	165 cm	66Kgs	Random- 125mg/dl	O +VE	Nor mal	No	normal	13	84 min	120 / 80 mm of hg	S1 S2 Heard	No	Norma I	Norm al	No	No	Normal	Norma 1	NA	NA
176	Sakendra Kumar	W_0197	15-02-1982	DRI- RMHS	05-08-201	Good	168 cm	62Kgs	Random- 125mg/dl	O +VE	Nor mal	No	normal	12	72 min	130 / 90 mm of hg	S1 S2 Heard	No	Norma i	Norm al	No	No	Normal	Norma I	NA	NA
177	Rajesh Saw	W_0161	12-03-1990	DRI- RMHS	05-04-201	Good	169 cm	60Kgs	Random- 121mg/dl	O +VE	Nor mal	No	normal	12	74 min	130 / 80 mm of hg	S1 S2 Heard	No	Norma 1	Norm al	No	No	Normal	Norma 1	NA	NA
178	Rarma Saw	W_0165	5 18-06-1988	DRI- RMHS	05-04-201	1 Good	164 cm	62Kgs	Random- 139mg/dl	A +VE	Nor mal	No	normal	14	86 min	130 / 90 mm of hg	S1 S2 Heard	No	Norma I	Norm al	No	No	Normal	Norma 1	NA	NA
179		W_0183	3 02-03-1986	DRI- RMHS	04-05-201	1 Good	169 cm	80Kgs	Random- 139mg/dl	AB +VE	Nor mal	No	normal	14	86 min	130 / 80 mm of hg	S1 S2 Heard	No	Norma 1	Norm al	No	No	Normal	Norma 	NA	NA
180	Singh Bharat Prasad	W_017	9 15-07-1972	Mechani cal	02-05-201	1 Good	168 cm	65Kgs	Random- 142mg/d	O +VE	Nor mal	No	normal	14	87 mir	140 / 100 mm of hg	S1 S2 Heard	No	Norma 1	Norm al	No	No	Normal	Norma I	NA	NA
18	1 Sunil Kumar	W_019	1 15-03-197		23-05-201	II Good	169 cm	62Kgs	Random- 124mg/d	B +VE	Nor mal	No	normal	12	76 mir	120 / 70 mm of hg	S1 S2 Heard	No	Norma 1	Norm al	No	No	Normal	Norma	NA	NA
18	2 Pancham Sav	W_019	3 01-01-197	4 CPP	01-07-20	11 Good	163 cm	80Kgs	Random- 124mg/d		Nor mal	No	normal	14	89 mir	130 / 90 mm of hg	S1 S2 Heard	No	Norma 1	Norm al	No	No	Normal	Norma 1	NA	NA
18	33 Chaman Saw	W_019	92 01-01-198	32 CPP	01-07-20	11 Good	168 cm	78Kgs	Random 138mg/d		Nor mal	No	normal	12	80 mii	130 / 90 mm of hg	S1 S2 Heard	No	Norma 1	Norm al	No	No	Normal	Norma 1	NA	NA
18	84 Manu Saw	W_016	50 15-03-199	DRI- RMHS	05-04-20	11 Good	d 160 cm	50Kg	S Random	-	Nor mal	NO	normal	13	78 min	130 / 80 mm of hg	S1 S2 Heard	No	Norma 1	Norm al	No No	No	Normal	Norma	NA	NA
13	85 Manoj Saw	W_01:	56 01-12-198	DRI-	05-04-20	H Goo	d 161 cm	52Kg	S Random		Nor ma	No	normal	13	84 mi	n 110 / 70 mm of hg	S1 S2 Heard	I NO	Norma 1	Norm al	No	No	Normal	Norma 1	NA	NA
1	86 Umesh Saw	W_01	62 15-08-19	DRI-	05-04-20	011 Goo	d 162	1/5Kg	Randon 125mg/e		Nor E ma	. No	normal	14	74 mi	n 130 / 90 mm of hg		No	Norma I	a Norm	No	No	Normal	Norma 1	NA	NA
1	87 Thaknu Saw	W_01	57 31-01-19	DRI-	05-04-20	OII Goo	160	57Kg	Randon 138mg/		No E ma	. No	normal	14	78 mi	n 130 / 90 mm of h		NO	Norma 1	a Norm	No	No	Normal	Norma 1	NA	NA

M.B.B.S. DCH Medical Officer (M.O.)B.M.I For Brahmaputra Metallics Limited

WORKS: - VILLAGE-KAMTA, BLOCK-GOLA, DISTT-RAMGARH-829210(JHARKHAND)

REPORT OF MEDICAL EXAMINATION

						Gene	eral Su	rvey	Blod An	alysis	Eye	Vision	Hearing	Respira	Cardo	vascular S	ystem	Abdome		Calas	Nervous	System	Locomo	Skin		11
SI. No.	Name of the employee	Token No.	DOB	Nature of Job	DOJ	Healt h	Heig ht	Weigh t	Sugar	Grou p	Stat	Use of Glass	Normal / Abnormal	Rate / Min	Pulse Rate	Blood Pressure	Heart Sound	n Tendern ess	Liver	Splee	History of Fit	Epilep sy	tor System	Cond ition	ia	Hydr ocele
188	Γikeshwar Karmali	W_0064	18-10-1966	Operatio n	20-01-2011	Good	165 cm	65Kgs	Random- 140mg/dl	O +VE	Nor mal	No	normal	14	88 min	130 / 90 mm of hg	S1 S2 Heard	No	Norma 1	Norm al	No	No	Normal	Norma 1	NA	NA
189	Atul Kumar Saw	W_0164	26-02-1989	DRI- RMHS	05-04-2011	Good	172 cm	73Kgs	Random- 125mg/dl	A+V E	Nor mal	No	normal	13	78 min	130 / 80 mm of hg	S1 S2 Heard	No	Norma I	Norm al	No	No	Normal	Norma I	NA	NA
190	Nandlal Mardi	W_0203	05-10-1987	Electrica	05-09-2011	Good	165 cm	52Kgs	Random- 133mg/dl	A+V E	Nor mal	No	normal	13	78 min	120 / 80 mm of hg	S1 S2 Heard	No	Norma 1	Norm al	No	No	Normal	Norma 1	NA .	NA
191	Ranjit Saw	W_0206	01-01-1984	SMS	03-11-2011	Good	165 cm	63Kgs	Random- 140mg/dl	A+V E	Nor mal	No	normal	14	86 min	130 / 80 mm of hg	S1 S2 Heard	No	Norma 1	Norm al	No	No	Normal	Norma 1	NA	NA
192	Vishwanath Saw	W_0073	02-07-1985	DRI	20-01-2011	Good	165 cm	62Kgs	Random- 128mg/dl	A+V E	Nor mal	No	normal	12	77 min	120 / 80 mm of hg	S1 S2 Heard	No	Norma 1	Norm al	No	No	Normal	Norma	NA	NA
193	Khushilal Saw	W_0070	01-01-1980	Mechani cal	20-01-2011	Good	169 cm	59Kgs	Random- 125mg/dl	O +VE	Nor mal	No	normal	12	74 min	130 / 80 mm of hg	S1 S2 Heard	No	Norma 1	Norm al	No	No	Normal	Norma	NA	NA.
194	Nimu Karmali	W_0083	26-04-1985	Operatio n	20-01-2011	Good	162 cm	55Kgs	Random- 126mg/dl	A +VE	Nor mal	No	normal	12	72 min	120 / 80 mm of hg	S1 S2 Heard	No	Norma 1	Norm al	No	No	Normal	Norma 1	NA	NA
	Mukesh Kumar Saw	W_0207	15-05-1991	SMS	03-11-2011	Good	170 cm	66Kgs	Random- 131mg/dl	A +VE	Nor mal	No	normal	12	78 min	130 / 90 mm of hg	S1 S2 Heard	No	Norma 1	Norm al	No	No	Normal	Norma 1	NA	NA
196	Adra Saw	W_0138	03-07-1967	DRI- RMHS	05-04-2011	Good	169 cm	76Kgs	Random- 132mg/dl	O +VE	Nor mal	No	normal	12	78 min	130 / 90 mm of hg	S1 S2 Heard	No	Norma 1	Norm al	No	No	Normal	Norma 1	NA	NA
197	Subedar Saw	W_0143	30-04-1974	DRI- RMHS	05-04-2011	Good	168 cm	62Kgs	Random- 117mg/dl	O +VE	Nor mal	No	normal	14	78 min	110 / 70 mm of hg	S1 S2 Heard	No	Norma 1	Norm al	No	No	Normal	Norma I	NA	NA
198	Deepak Saw	W_0139	18-01-1971	DRI	05-04-2011	Good	160 cm	65Kgs	Random- 142mg/dl	O +VE	Nor mal	No	normal	14	87 min	130 / 90 mm of hg	S1 S2 Heard	No	Norma I	Norm al	No	No	Normal	Norma 1	NA	NA
199	Ramesh Saw	W_0141	08-01-1975	DRI	05-04-201	Good	161 cm	70Kgs	Random- 140mg/dl	O +VE	Nor mal	No	normal	14	78 min	130 / 90 mm of hg	S1 S2 Heard	No	Norma 1	Norm al	No	No	Normal	Norma 1	NA	NA
200	Nilkanth Saw	W_0252	15-06-1981	Electrica 1	01-02-201	4 Good	168 cm	63Kgs	Random- 112mg/dl	B +VE	Nor mal	No	normal	12	74 min	120 / 70 mm of hg	S1 S2 Heard	No	Norma 1	Norm al	No	No	Normal	Norma 1	NA	NA

DR. VIVEK KUMAR M.B.B.S. DCH Medical Officer (M.O.)B.M.I

For Brahmaputra Metallics Limited

BRAHMAPUTRA METALLICS LIMITED POLLUTION EQUIPMENT EXP

SL		QUIPMENT EXP	~	
NO.	PARTICULARS	PLANT	CAPITAL	RECURRING
1	WELLTECH ENVIRONMENTAL ENGINEERING PVT LTD	DRI	₹ 2,70,10,354.00	
2	WELLTECH ENVIRONMENTAL ENGINEERING PVT LTD	SMS	₹ 1,04,57,183.00	
3	WELLTECH ENVIRONMENTAL ENGINEERING PVT LTD	DRI COMMISSION WORK	₹ 22,49,828.00	
4	WELLTECH ENVIRONMENTAL ENGINEERING PVT LTD	SMS COMMISSION WORK	₹ 4,79,750.00	
5	POLLUTION CONTROL BOARD FEE	ALL PLANT		₹ 21,92,956.00
6	ESP FOR WHRB AND AFBC	CPP & DRI	₹ 3,00,00,000.00	
7	ONLINE CONTINUOUS STACK MONITORING SYSTEM	СРР	₹ 7,12,493.00	
8	EEFFLUENT TREATMENT PLANT- 150KLD	СРР	₹ 9,67,500.00	
9	SO2 ANALYSER(WITH DATA TRANSMISION CHG + HEATED TEFLON TUBE)	СРР	₹ 21,25,292.00	
10	SHREE KRISHNA TUBE-GI PIPE-WATER SPRINKLER	PLANT	₹ 3,84,641.00	
11	ONLINE MONITORING SYSTEM EQUIP	CPP	₹ 2,50,908.00	
12	PELTIER PROBE	CPP	₹ 2,18,025.00	
13	ULTRASONIC LEVEL TRANSMITTER	СРР	₹ 77,800.00	
14	DATA TRANSMISION FOR ONLINE ETP	СРР		₹ 1,47,972.00
15	AMC FOR SO2 ANALYSER	СРР		₹ 1,47,500.00
16	REPAIR CHARGES OF SO2 ANALYSER	СРР		₹ 28,420.00
17	REPAIR CHARGES OF SO2 ANALYSER	CPP		₹ 2,20,400.00
18	PM-10 SO2 ANALYSER	CPP	₹ 10,54,920.00	
19	DISPLAY FOR POLLUTION MEASUREMENT	СРР	₹ 1,67,029.00	
20	ENVIRONMENTAL COMPENSATION	GENERAL		₹ 6,60,000.00
21	RAIN WATER HARVESTING	GENERAL	₹ 5,65,168.00	
22	GREEN BELT DEVELOPMENT	GENERAL	₹ 10,44,657.00	₹ 39,87,291.00
23	ENVIRONMENTAL LAB	GENERAL	₹ 2,00,972.82	
	Total		₹ 7,79,66,520.82	₹ 73,84,539.00
	GRAND TOTAL		₹ 8,53,51,059.82	

From V (see Rule 14)

COMBINED - EXISTING (DRI & CPP) AND EXPANSION (BILLETS) UNIT

Environmental Statement for the financial year ending the 31st March 2021.

PART-A

1) Name & Address of the Owner /Occupier: **Brahmaputra Metallics Ltd., Kamta, Gola, Ramgarh.**

2) Industry category (SSI Code): **Primary – Iron & Steel with Power**

3) Production capacity (Units): **Sponge Iron – 350 TPD & Power – 20 MW & Billets – 600 TPD**

4) Date of the last environmental statement: June 2020.

5) Year of establishment: 2010-11

PART-B

Water and Raw Materials Consumption 2405 KLD

Process: 1600 KLD
Cooling/(Others Sprinkling): 800 KLD
Domestic: 5 KLD

_	
Process water consump Produc	otion per unit of ct output
During the previous Financial year	During the current financial year(2020-21)
Cooling –1.049 KL/T	Cooling – 1.050 KL/T
3.50 KL / MW	3.50 KL / MW
Cooling – 1.076 KL/T	Cooling – 1.206 KL/T
	During the previous Financial year Cooling –1.049 KL/T 3.50 KL / MW

(ii) Raw Material Consumption

Name of Material	Name of Product	•	on of raw material per f product output
		During the previous financial year	During the current financial year(2020-21)
Iron Ore/Pellets		1.548 T/T	1.605 T/T
Coal	Sponge Iron	1.251 T/T	1.579 T/T
Dolo/Limest		0.064 T/T	0.0411T/T
Coal & Fines	Power	0.470 T/MW	0.587 T/MW
Dolochar		0.268 T/MW	0.234T/MW
Sponge Iron Pig Ir/Scrap,		1.050 T/T	1.1135 T/T
pooled, Billets	}	0.031T/T	0.1638 T/T
Recovery slag	J	0.044.7/7	0.0450.77
Ferro Alloys/Si.l	VIN	0.011 T/T	0.0153 T/T

Industry May use code if discharge details of Raw Materials would violate contractual obligation, otherwise and industries have to name the raw materials.

For Brahmaputra Metallics Limited

	PART-C	
Discharged in the Environment unit Output (Parameter as certified in the consent issue		
1. Pollutants Quantity of pollutant discharged (Mass/d	ts concentrations of	
(a) Water Nil	Nil No in	dustrial effluent discharge
(b) Air Particulate Matter	<50mg/Nm³	Monitoring done by recognized lab enclosed
	PART-D	
(As specified under Hazardous Waste/Ma Hazardous Waste	nagement and Handling Ru Total Quar	
	During the previous Financial year	During the current financial year(2017-18)
(a) From Process	Used Oil – 0.40 KL	Used Oil – 0.40 KL (From machineries)
(b) From pollution Control Facilities	Nil	Nil
	PART-E	
	Solid Waste	
	Total Quar	ntity (Kg.)
	During the previous Financial year	During the current financial year(2020-21)
(a) From Process	Dolochar – 34115.00 T	Dolochar –28323.00 T
	Slag – 30799.11 T	Slag – 28206.96 T
(b) From Pollution Control Facilities	Fly ash –100319T Dust – 15722 T	Fly ash –87082T Dust - 14583 T
(c) Quantity recycled or re-utilized Within the unit (CPP & Road)	47390.00 <i>T</i>	40423.00 T
(ii) Sold /Disposed	3735.26 <i>T</i>	145390.89 T
(iii) Disposed Ash for	77710.15T road filling and dust to	6545.00T(Fly Agarbatti Manufacturer.)

PART-F

Please specify the characterization (in the term of consumption and quantity) of Hazardous as well as solid waste and disposal practice adapted for both these Categories of waste.

No Hazardous waste is generated in any process. All spent oil is used for gear and CCM lubrication. Generation in FY 0.4KL used in house in lighting of furnace.

Solid waste generated Dolochar – reused for power generation. PCS dust recycled to raw materials or supplied to Agarbatti manufacturers. Fly ash sent for Raod construction.

No disposal of any hazardous waste / solid waste outside the premises

PART-G

Impact of the pollution abatement measures taken on conservation of natural resource and on production

Latest technology available for the plant has implemented to conserve resources. Optimization of production vis-à-vis raw material consumption

The de-dusting equipment have been installed by the leading organization of India in Air Pollution Control Devices. All the units have been designed to meet the latest standards.

AAQ and other emissions are within the norms.

PART-H

Additional measures/ investment proposal for environmental protection including abatement of pollution, prevention of pollution.

Plantation done and continued. All dedusting equipments are cleaned and being maintained at regular intervals to work at the rated efficiency to arrest the pollutants.

Rain Water harvesting implemented within the premises as approved by GWD, GOJ. Water kept in closed circuit and waste water used for horticulture.

Rs. 4.509 Lacs spent during the financial year 2020-21 for maintenance of the pollution control equipment and environment management system.

PART-I

Any other particulars for improving the quantity of the environment.

"We have done plantation and are being maintained for cleaner environment within the campus and naturally the nearby the environment also."

For Brahmaputra Metallics Limited

Aanh Salm

<u>COMPLIANCE REPORT OF NOC FROM JSPCB – REF. NO. 14732, DATED – 18.11.09</u> <u>FOR M/s. BRAHMAPUTRA METALLICS LIMITED</u>

SI.no	CONDITION	COMPLIANCE/ STATUS
i)	That, the proponent shall obtain consent to operate from State Pollution Control Board under section 25 &26 of the Water (Prevention & Control of Pollution) Act, 1974 and under section 21 of the Air (Prevention & Control) Act, 1981 prior to commissioning of the plant.	Complied.
ii)	That, the proponent shall install water meter to measure the water to be consumed for different purposes to meet the requirement of the water, furnish returns of water to be consumed and pay water-cess under the Water (Prevention & Control of Pollution) Cess Act, 1977.	Complied. Water meter installed in outlet of bore wells. Pipe line from river and installation of water meter in the same also installed. Water Cess returns filed regularly and Cess as applicable will be paid.
iii)	That, the proponent shall obtain authorization under the Hazardous Waste (Management, Handling & Transboundary) Rules,2008, the Bio-medical Waste (Management & Handling Rules, 1998 and the Municipal Solid Waste (Management & Handling) Rules, 2000 whichever is applicable. The wastes shall be disposed off in the manner as specified in respective Rules.	Being complied. Authorization obtained and further renewal applied in time under Hazardous & Other Wastes (Management Handling & Transboundary Movement) Rules 2016.
iv)	That, the proponent shall abide by the provisions of Environment (Protection) Act, 1986 and shall maintain the quality of effluent of effluent, emission, ambient air quality and noise level in conformity with the standard prescribed in the Environment (Protection) Rules, 1986.	Being Complied. Provisions of Act as applicable are being complied. All the effluent, emission, ambient air quality and noise level will be maintained within the prescribed limits of the Act.
v)	That, the proponent shall install continuous online monitoring equipments for SOx, NOx and particulate matters with facility to transmit data to Jharkhand State Pollution Control Board, Head Office, Ranchi.	
vi)	That, the proponent shall collect and treat the effluent in foolproof latest system and shall recycle treated effluent to the system for reuse and shall ensure the discharge of effluent (if at all necessary) in upstream of the water intake point.	Complied. 4 nos. tank constructed for recirculation of water.

For Brahmaputra Metallics Limited

Aanh Salm

vii)	That, the proponent shall make stacks(s) of the proper height and with the provision (s) of emission monitoring port hole(s), ladder(s) and platforms(s) as prescribed by the Central Pollution Control Board.	Complied. Stack height of 30 m after Fume Extraction and Bag Filter system provided with the provision (s) of emission monitoring port hole(s), ladder(s) and platforms(s) as prescribed by the Central Pollution Control Board.
viii)	That, the proponent shall ensure continuous and uninterrupted power supply with provision of separate energy meters for the pollution control systems to enable the pollution control systems to function uninterruptedly.	Complied. Continuous and uninterrupted power supply insured in all systems. Separate energy meter installed.
ix)	That, the proponent shall submit the reports of Effluent, Emission, Ambient air quality and Noise level monitored before and after commissioning of the plant.	Complied. Monitoring reports as required submitted for before commissioning and will be submitted for after commissioning.
x)	That, the proponent shall use D.G. set(s) of standard as prescribed in the Environment (Protection) Rules, 1986 and shall house it (them) in integral acoustic enclosure (s) and shall keep the height of exhaust pipe as per Central Pollution Control Board norms.	Complied. Silent type D G sets have already been installed as per the conditions and exhaust pipe raised as per CPCB norms.
xi)	That, the proponent shall install fixed type water sprinkles to cover all the dusty places in the premises to impart water spraying intermittently and during loading and unloading of raw materials and wastes.	Complied. Fixed type water sprinklers installed in dusty areas of the plant to suppress fugitive emissions. Water Tankers are used to control emission.
xii)	That, the proponent shall do tree plantation in vacant land within the premises.	Being complied. Plantation done and continued. 33% of project will be under green belt/green cover.
xiii)	That, the proponent shall implement plan of rainwater harvesting with establishment of the project and that should be approved by the Directorate of Ground Water Authority, Govt. of Jharkhand.	Being complied. Rain water harvesting plan is being implemented. Detailed RWH plan approved by Directorate Ground Water, GOJ.
xiv)	That, the proponent shall install adequate air pollution control devices such as ESP, dust catcher/cyclone separator/ Bag filters/ Venturi Scrubber/ etc. and water spraying system in dusty areas such as coal handling, ash handling points and transfer areas shall be provided.	Complied. Fume extraction and bag filter system installed to meet 50 mg/Nm3 installed prior to commissioning of the plant.
xv)	That, the proponent shall install Electrostatic Precipitator (ESPs) to ensure particulate emission below 100 mg/Nm ³ .	Not applicable to Induction Furnace system. However Fume extraction and bag filter system installed to meet 50 mg/Nm3
xvi)	That, the proponent shall do regular monitoring of ground water in and around the ash pond area and submit the report to the Board regularly.	No ash pond. Monitoring reports as required for ground water submitted for before commissioning

xvii)	That, the proponent shall make all roads pucca within the premises and shall maintain a good house keeping by regular cleaning and wetting of the roads and dust prone areas.	Complied. Road in the plant premises made by filling moorum
xviii)	That, the proponent shall store all raw materials and products under shed and shall as far as practicable do their processing and transfer under foolproof cover.	Complied. All raw materials, processing and product of induction furnace kept within foolproof cover shed.
xix)	That, the proponent shall start activities at the site after obtaining Environmental Clearance and Forest Clearance from Government of India, Ministry of Environment & Forest, New Delhi.	Complied. All activities started at the site after obtaining Environmental Clearance Government of India, Ministry of Environment & Forest, New Delhi.
xx)	That, the proponent shall do socio-economic works in nearby villages for their welfare and shall pay due compensation to the effective people as per laws and government scheme.	Being implemented. CSR activities regularly taken up in the area. Compensation if any shall be paid as per laws and government scheme.
xxi)	That, the proponent shall not alter the flow path or course of any river or stream or water body without prior permission from the competent authority.	No such activity envisaged.
xxii)	That, the proponent shall implement all pollution control measures recommended in EIA/EMP and Environmental Clearance.	As directed and recommended – being implemented.
xxiii)	That the proponent shall use fly-ash and or fly ash bricks in construction of the project and the fly ash generated from the power plant shall be disposed off as per the provision of the fly-ash notification 1999. An Action Plan shall submitted within three months for 100% utilization of fly-ash in different purposes including cement industy. Fly-ash shall be collected in dry form and storage facility (Silos) shall be provided.	Construction of Induction furnace section completed. Fly ash bricks used. No fly ash generation from the induction furnace section. Fly ash generated from other sections after erection commissioning of the same will be handled as per norms. Fly ash Presently being disposed for Road construction work through the contractor.
xxiv)	That, the proponent shall kept the waste water in close circuit.	Complied. Water kept in closed circuit. Waste water reused with the premises.
xxv)	That, the proponent shall transport all raw materials and wastes by covered means.	Complied. All trucks and conveyors covered.
xxvi)	That, the proponent shall adopt clean development mechanism.	Good house keeping followed. Units involving clean mechanism will be installed.
xxvii)	That, the proponent shall implement recommendations of CREP.	Complied. Equipments and procedure of CREP already implemented and followed.

JHARKHAND STATE POLLUTION CONTROL BOARD

TOWNSHIP ADMINISTRATION BUILDING, HEC COMPLEX, DHURWA, RANCHI 834004 Telephone: 0651-2400850 (Fax)/ 2400851/2400852/2401847/2400979/2400139

Ref No. JSPCB/HO/RNC/CTO-7015063/2020/1272

Consent to operate (CTO) under section 25 /26 of the Water (Prevention & Control of Pollution) Act, 1974 and under section 21 of the Air (Prevention & Control of Pollution) Act, 1981

1. Application (s) dated 2020-05-09 of Brahmaputra Metallics Limited, Occupier Name: Kumud Prasad Sahu for consent under section 25 (1)(b)/25 (1) (c)/26 of the Water (Prevention & Control of Pollution) Act, 1974 and under section 21(1) of the Air (Prevention & Control of Pollution) Act, 1981...

2. Documents Relied Upon:

- (a) The content of Environmental Clearance (EC), vide ref. no. J-11011/285/2008-I(A).II(I), dated. 29.03.2011;
- (b) The content of Consent to Establish (CTE) (latest), vide Ref. No. 3338, dated. 31.07.2010 of JSPCB, Ranchi;
- (c) The content of Consent to Operate (CTO), Ref. No. 310 Dated: 13.02.2018 JSPCB, Ranchi for the period upto 31.03.2020.
- (d) The content of IR, vide ref. no.
- (i) 205, dated 05.02.2020;
- (ii) vide memo no. 443, dated 13.03.2020.
- (e) The content of authorization under Hazardous waste valid for the period upto 30.10.2020.
- (f) The content of self certificate regarding
- (i) procurement of raw material from valid sources;
- (ii) no expansion/modification in the plant;
- (iii) adjustment of fee from previously submitted CTO application.
- (h) The content of land deed.
- 3. The consent is granted under section 25 / 26 of the Water (Prevention & Control of Pollution) Act, 1974 and under section 21 of the Air (Prevention & Control of Pollution) Act, 1981 to operate the project in Mauza -Kamta, PS-Kamta, District -RAMGARH, as follows:

Project	Site-Area		Investment (Rs)	Product & Capacity	Period of CTO
	Plot Nos.	Area			Date of issue To

For Brahmaputra Metallics Limited

Dated: 2020-08-10

	Before Expansion	As per EC	20.24 Ha (As per previous CTO))	294.61 Crore (As per application)	Sponge Iron - 1,05,000 TPA; Billets 2,00,000 TPA; Power 20 MW; Fly Ash Bricks - 24 Lacs Bricks/year (as per previous CTO and application)	31/03/2023	
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(A) Specific Conditions:

- 1. That, the occupier shall operate and maintain online stack emission monitoring system for particulate matter with connectivity to Jharkhand State Pollution Control Board server and unit shall ensure the data transfer to JSPCB and CPCB server.
- 2. That, the occupier shall maintain the SO2 analyzer within one month and shall ensure the data transfer to JSPCB and CPCB server.
- 3. That, the occupier shall dispose off/utilize Coal Char fully & its records should be maintained and shall be submitted to the Board quarterly.
- 4. That, the occupier shall submit performance evaluation report of pollution control devices and equipment's to the Board within consent period.
- 5. That, the occupier shall operate the plant with operation of all pollution control equipment's.
- 6. That, the occupier shall provide information regarding shut down of Air Pollution Control Device and plant within 24 hrs. to the Board.
- 7. That, the occupier shall cover the coal char with wire mesh and keep it within boundary wall and shall submit the photograph of the same as an evidence to the Board.
- 8. That, the occupier shall maintain & operate fixed type water sprinkler at all dusty places inside the plant.
- 9. That, the occupier shall make adequate provision for dust extraction system at potential sources such as jaw crusher hopper, transfer points of materials from conveyor belt, distintegrators, etc.
- 10. That, the occupier shall construct and maintain the height of stack minimum 2 meter above the roof level as prescribed by the Board.
- 11. That, the occupier shall make provision for Closed Circuit Television (CCTV) camera rather than keeping small openings in shed for frequent observations and sheds should be provided for plant process machineries/ APCD's.
- 12. That, the occupier shall pay the cost of transportation of ash used for road construction projects or for manufacturing of ash based products or use as soil conditioner in agriculture activity within a radius of For Brahmaputra Metallics Limited

hundred kilometers from the TPP and the cost of transportation beyond the radius of hundred kilometers and up to three hundred kilometers shall be shared equally between the user and the TPP.

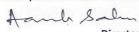
- 13. That, the occupier shall adopt the system of the telescopic chute/any other system to reduce the fugitive emission while loading the products into trucks/fine dust in the bags.
- 14. That, the occupier shall make provision of Personal Protective Equipment (dust mask, helmet, safety shoes, goggles, ear plugs) and ensure their utilization by all the workers during operation of the plant.
- 15. That, the occupier shall comply all the provisions mentioned in MoEF notification no. GSR 414 (E), dated. 30.05.2008 prescribed in Section 6 and 25 of the Environment (Protection) Act, 1986 (29 of 1986) and its guideline/code of practice for pollution prevention for Sponge Iron Plants.
- 16. That, the occupier shall pay the entire cost of transportation of ash used for Government Schemes such as road construction projects under Pradhan Mantri Gramin Sadak Yojna, other similar asset creation programmes of the Government involving construction of buildings, road, dams and embankments within a radius of three hundred kilometers.
- 17. That, the occupier shall provide compliance status of provisions mentioned in Fly Ash Notification, 1999 and further amendments to the CPCB and SPCB as annual implementation report (for the period 1st April to 31st March) by 30th day of April on successive years.
- 18. That, the occupier shall all the conditions as mentioned in EC and CTO and submit the compliance report of the same alongwith all the requisite documents on periodical basis to the Board and other organizations as per provision.
- 19. That, the occupier shall operate and maintain air pollution control devices such as ESP, Fume extraction system and bag filters attached to different sections regularly and submit its compliance report to the Board.
- 20. That, this CTO is valid subject to compliance of all the conditions mentioned in EC.
- 21. That, the occupier shall submit applications for renewal of consent under section 25 / 26 of the Water (Prevention & Control of Pollution) Act, 1974 and under section 21 of the Air (Prevention & Control of Pollution) Act, 1981 again 120 days prior to the date of expiry of this consent with requisite fee and documents showing compliance of all of the above conditions.
- 22. That, this CTO supersedes the CTO granted vide ref. no. JSPCB/HO/RNC/CTO-1280911/2018/310, dated 13.02.2018.

(B) General Conditions:

(1) That, the occupier shall maintain the **National Ambient Air Quality Standard** given below:

			Concentration	in Ambient Air
SN	S N Pollutant Time Weighted Average		Industrial, Residential, Rural and Other Area	Ecologically Sensitive Area (notified by Central Govt.)
(1)	(2)	(3)	(4)	(5)
1.	Sulphur Dioxide (SO2), µg/m3	Annual 24 hours	50 80	20 80
2.	Nitrogen Dioxide (NO2), µg/m3	Annual 24 hours	40 80	30 80
3.	Particulate Matter (size less than 10 µm) or PM10, µg/m3	Annual 24 hours	60 100	60 100
4.	Particulate Matter (size less than 2.5 µm) or PM2.5, µg/m3	Annual 24 hours	40 60	40 60
5.	Ozone(O3), µg/m3	8 hours 1 hour	100 180	100 180
6.	Lead (Pb) μg/m3	Annual 24 hours	0.50 1.0	0.50 1.0
7.	Carbon Monoxide (CO) mg/m3	8 hours 1 hour	02 04	02 04
8.	Ammonia (NH3) μg/m3	Annual 24 hours	100 400	100 400
9.	Benzene (C6H6) µg/m3	Annual	05	05
10.	Benzo(a) Pyrene(BaP) Particulate Phase only ng/m3	Annual	01	01
11.	Arsenic (As) ng/m3	Annual	06	06
12.	Nickel (Ni) ng/m3	Annual	20	20

Note: Serial no. 1 to 4 – Mandatory Serial no. 5 to 12 As applicable for specific type of industry.



(2) That, the occupier shall maintain the emission quality within the standard and the quantity, as follows:

S N	Parameter	Standard
1	Particulate Matter	150 mg/Nm3
2	Sulphur Dioxide	80 mg/Nm3
3	Oxides of Nitrogen	80 mg/Nm3

(3) That, the occupier shall keep process effluent in close-circuit and the quality of effluent from other sources in conformity with the standard (s) and the discharge quantity as below:

SN	Parameter	Standard
1	Total Suspended Solids	100 mg/L
2	BOD	30 mg/L
3	COD	250 mg/L
4	Oil & Grease	10 mg/L

(4) That, the occupier shall dispose of solid wastes as follows:

S N	Waste Type	Mode of Disposal
1	Hazardous Carbonaceous Wastes	In co-processing in high temperature furnaces or kilns
2	Hazardous Non-Carbonaceous Wastes	In TSDF
3	Non-Carbonaceous Non- Hazardous solid wastes/ Mine Over Burden	As a substitute of Soil or Mineral

- (5) That, the occupier shall keep D G Set(s) within acoustic enclosure and shall keep the height(s) of exhaust pipe(s) as per Central Pollution Control Board norm.
- That, the occupier shall install and maintain Central Ground Water Board/ State Ground Water (6)Directorate approved system of rain water harvesting-cum-ground water recharge and submit the photographic view of the structures within a month.
- That, the occupier shall grow and maintain greenery of the project in the periphery and other available (7) spaces and shall continue enhancing its plant density and biodiversity.
- That, the occupier shall submit environmental statement with supporting stoichiometric calculations (8) analyses reports, every year latest by 30th September of the next financial year.

- (9) That, the occupier shall submit report(s) duly monitored and issued by an NABL accredited / ISO 9001:2008 and OHSAS 18001:2007 certified laboratory in compliance sub-para (2), (3), (4) and (5) of paragraph 3 of this CTO yearly at required periodicity.
- (10) That, this CTO is valid subjected to the validity of mining Lease/Mining Plan/Ecofriendly/Environmental Clearance, if applicable. In case of no renewal of Mining Lease/Mining Plan, this consent shall be treated as revoked automatically.
- (11) That, this CTO is issued from the environmental angle only and does not absolve the occupier from other statutory obligations prescribed under any other law or any other instrument in force. The sole and complete responsibility to comply with these conditions laid down in all other laws for the timebeing in force, rests with the industry/ unit/ occupier.
- (12) That, this CTO shall not in any way, adversely affect or jeopardize the legal proceeding, if any, instituted in the past or that could be, instituted against you by the State Board for violation of the provisions of the Act or the Rules made there under.
- That, the occupier shall comply with all applicable provisions of the Water (Prevention & Control of Pollution) Act, 1974; the Water (Prevention & Control of Pollution) Cess Act, 1977; the Air (Prevention & Control of Pollution) Act, 1981; and the Environment (Protection) Act, 1986 and Rules made there under.
- 4. That, this CTO shall not absolve the occupier from making compliance of other statutory prescribed under any law or direction of courts or any other instrument for the time being in force.
- 5. That, this CTO is being issued on the basis of information/documents/ certificate submitted by the unit. This CTO will be revoked if any of the information/documents/certificates/undertaking given by the occupier is found false/fictitious/forged in future.
- 6. The Order shall be valid subject to compliance of all other legal requirements applicable to the unit.
- 7. The State Board reserve the right to revoke, withdraw or make any reasonable variation / change / alteration in conditions of this consent.

This is issued with the approval of the Competent authority

RAJEEV LOCHAN BAKSHI Digitally signed by RAJEEV LOCHAN BAKSHI Date: 2020.08.10 11:32:08 +05'30'

[Rajeev Lochan Bakshi]
Member Secretary

Dated: 2020-08-10

Memo No.: JSPCB/HO/RNC/CTO-

7015063/2020/1272

Copy to: Sri Kumud Prasad Sahu, M/s Brahmaputra Metallics Limited, Village - Kamta, P.O - Gola, Dist - Ramgarh/ Director of Industry, Government of Jharkhand, Ranchi/ Deputy Commissioner, Ramgarh/ Director of Mines, Government of Jharkhand, Ranchi/ Chief Inspector of Factories, Ranchi/ DFO, Ramgarh/ DMO, Ramgarh/ R O,JSPCB, Hazaribagh /for information & ensuring compliance of the above.

RAJEEV Digitally signed by RAJEEV LOCHAN BAKSHI Date: 2020.08.10 11:33:50+05'30'

Digitally signed by RAJEEV LOCHAN BAKSHI
Date: 2020.08.10
11:33:50 +05'30'

Digitally signed by RAJEEV Lochan Bakshi]

Member Secretary

For Brahmaputra Metallics Limited

Aanh Salm

Village - Kamta, Block - Gola, District - Ramgarh, Jharkhand - 829110

COMPLIANCE REPORT OF

CONSENT TO OPERATE-REF NO JSPCB/HO/RNC/CTO-7015063/2020/1272, Dated 10-08-2020

SPE	CIFIC CONDITIONS	Compliance
1	That, the occupier shall operate and maintain online stack emission monitoring system for particulate matter with connectivity to Jharkhand State Pollution Control Board server and unit shall ensure the data transfer to JSPCB and CPCB server.	Online Monitoring System for Stack emission maintain and data being transferred to JSPCB and CPCB.
2	That, the occupier shall maintain the SO2 analyzer within one month and shall ensure the data transfer to JSPCB and CPCB server.	Complied. SO2 analyzer installed and data is being transferred to JSPCB and CPCB servers.
3	That, the occupier shall dispose off/utilize Coal Char fully & its records should be maintained and shall be submitted to the Board quarterly	Coal Char generated from the DRI plant is fully utilized in CPP for power generation. Records are maintained
4	That, the occupier shall submit performance evaluation report of pollution control devices and equipment's to the Board within consent period.	Pollution control devices are working satisfactory as per online monitoring data transferred to the Board.
5	That, the occupier shall operate the plant with operation of all pollution control equipment's.	Complied.
6	That, the occupier shall provide information regarding shut down of Air Pollution Control Device and plant within 24 hrs. to the Board.	Being complied.
7	That, the occupier shall cover the coal char with wire mesh and keep it within boundary wall and shall submit the photograph of the same as an evidence to the Board	Coal Char is fully utilized in power plant. Rest covered with Tarpoline (photograph attached) as well as water sprinkling done to arrest fugitive dust
8	That, the occupier shall maintain & operate fixed type water sprinkler at all dusty places inside the plant	Fixed water sprinklers installed and maintained.

For Brahmaputra Metallics Limited

			
9	That, the occupier shall make adequate provision for dust extraction system at potential sources such as jaw crusher hopper, transfer points of materials from conveyor belt, distintegrators, etc	Dust extraction system with bag filters installed at all fugitive emission sources.	
10	That, the occupier shall construct and maintain the height of stack minimum 2 meter above the roof level as prescribed by the Board	Complied	
11	That, the occupier shall make provision for Closed Circuit Television (CCTV) camera rather than keeping small openings in shed for frequent observations and sheds should be provided for plant process machineries/ APCD's	Complied	
12	That, the occupier shall pay the cost of transportation of ash used for road construction projects or for manufacturing of ash based products or use as soil conditioner in agriculture activity within a radius of hundred kilometers from the TPP and the cost of transportation beyond the radius of hundred kilometers and up to three hundred kilometers shall be shared equally between the user and the TPP.	Fly ash is used in house for manufacturing of fly ash bricks and rest is supplied to outside agencies for road construction works.	
13	That, the occupier shall adopt the system of the telescopic chute/any other system to reduce the fugitive emission while loading the products into trucks/fine dust in the bags	reduce fugitive emission in loading of	
14	That, the occupier shall make provision of Personal Protective Equipment (dust mask, helmet, safety shoes, goggles, ear plugs) and ensure their utilization by all the workers during operation of the plant	Protective Equipments are provided	
15	That, the occupier shall comply all the provisions mentioned in MoEF notification no. GSR 414 (E), dated. 30.05.2008 prescribed in Section 6 and 25 of the Environment (Protection) Act, 1986 (29 of 1986) and its guideline/code of practice for pollution prevention for Sponge Iron Plants	All the applicable provisions of Environmental Act and Rules are complied.	

For Brahmaputra Metallics Limited

16	That, the occupier shall pay the entire cost of transportation of ash used for Government Schemes such as road construction projects under Pradhan Mantri Gramin Sadak Yojna, other similar asset creation programmes of the Government involving construction of buildings, road, dams and embankments within a radius of three hundred kilometers.	Noted and assure to comply.
17	That, the occupier shall provide compliance status of provisions mentioned in Fly Ash Notification, 1999 and further amendments to the CPCB and SPCB as annual implementation report (for the period 1st April to 31st March) by 30th day of April on successive years	Being Complied. Ash is used in house for production of fly ash bricks and supplied to road construction projects. (Compliance status attached)
18	That, the occupier shall all the conditions as mentioned in EC and CTO and submit the compliance report of the same along with all the requisite documents on periodical basis to the Board and other organizations as per provision.	Complied. Half-Yearly compliance report is submitted regularly.
19	That, the occupier shall operate and maintain air pollution control devices such as ESP, Fume extraction system and bag filters attached to different sections regularly and submit its compliance report to the Board.	All the pollution control devices are maintained regularly.
20	That, this CTO is valid subject to compliance of all the conditions mentioned in EC.	Agreed. All the conditions of EC are being complied.
21	That, the occupier shall submit applications for renewal of consent under section 25 / 26 of the Water (Prevention & Control of Pollution) Act, 1974 and under section 21 of the Air (Prevention & Control of Pollution) Act, 1981 again 120 days prior to the date of expiry of this consent with requisite fee and documents showing compliance of all of the above conditions	Assure to comply.
22	That, this CTO supersedes the CTO granted vide ref. no. JSPCB/HO/RNC/CTO-1280911/2018/310, dated 13.02.2018	Agreed.

For Brahmaputra Metallics Limited

GENERAL CONDITIONS

That, the occupier shall maintain the National Ambient Air Quality Standard given below:

	Pollutant		Concentration in Ambient Air		
S.N		Time Weighted Average	Industrial Residential, Rural and Other Area	Ecologically Sensitive Area (notified by Central Govt)	
(1)	(2)	(3)	(4)	(5)	
1	Sulphur Dioxide (SO2), µ/m ³	Annual 24Hours	50 80	20 80	
2	Nitrogen Dioxide (NO2), µ/m ³	Annual 24Hours	40 80	30 80	
3	Particulate Matter (Size less than 10 µm) or PM10 µ/m ³	Annual 24Hours	60 100	60 100	
4	Particulate Matter (Size less than 10 µm) or PM2.5 µ/m ³	Annual 24Hours	40 60	40 60	
5	Ozone (O3), µg/m ³	8Hours 1Hour	100 180	100 180	
6	Lead (Pb) μg/m ³	Annual 24Hours	0.50 1.0	0.50 1.0	
7	Carbon Monoxide (CO) mg/m ³	8Hours 1Hour	02 04	02 04	
8	Ammonia (NH3) µg/m3	Annual	100 400	100 400	
9	Benzene (C6H6) µg/m3	Annual 24Hours	05	05	
10	Benzo(a) Pyrene (BaP) Particulate Phase only ng/m ³	Annual	01	01	
11	Arsenic (As) ng/m ³	Annual	06	06	
12	Nikel (Ni) ng/m ³	Annual	20	20	

AAQ maintained as per norms. Monitoring reports for the period attached

Serial no. 5 to 12 As applicable for specific type of industry.

For Brahmaputra Metallics Limited

		e occupier shall maintain the ed dard and the quantity, as follo	Emission well within the standard limit.		
2	S.N.	Parameter	Standard	Stack emission Below 150	
	1	Particulate Matter	150 mg/Nm ³	mg/Nm3, monitoring	
	2	Sulphur Dioxide	80 μg/ Nm3	reports attached	
	3	Oxides of Nitrogen	80 µg/ Nm3	reports attached	
3	circuit a	ne occupier shall keep proceed the quality of effluent from the quality of effluent from the standard (s) and the	rom other sources in	No discharge outside Waste water is fully recycle	
0	S.N.	Parameter	Standard	and reused.	
	1	Total Suspended Solids	100 mg/L	and reased.	
4	2	BOD	30 mg/L		
	3	COD	250 mg/L		
	4	Oil & Grease	10 mg/L		
	S.N. 1	Waste Type Hazardous Carbonaceous Wastes Hazardous Non-	Mode of Disposal In co-processing in high temperature furnaces or Kilns.	Solid wastes are disposed as per guidelines.	
		Carbonaceous Wastes	In TSDF		
	3	Non-Carbonaceous Non- Hazardous solid wastes/ Mine Over Burden	As a substitute of soil or Mineral		
5	enclosu	ne occupier shall keep DG re and shall keep the height Central Pollution Control Board	Silent type D.G. set installed and exhaust pipe raised as per norms.		
6	Water E system recharge	e occupier shall install and ma Board/ State Ground Water of rain water harvesting and submit the photog es within a month.	Rain water harvesting- cum- ground water discharge system installed as per guidelines.		

For Brahmaputra Metallics Limited

7	That, the occupier shall grow and maintain greenery of the project in the periphery and other available spaces and shall continue enhancing its plant density and biodiversity.	Greenery in the periphery and other available spaces are maintained and being continued.
8	That, the occupier shall submit environmental statement with supporting stoichiometric calculations analyses reports, every year latest by 30th September of the next financial year.	Complied.
9	That, the occupier shall submit report(s) duly monitored and issued by an NABL accredited / ISO 9001: 2007 certified laboratory in compliance sub-para (2), (3), (4) and (5) of paragraph 3 of this CTO yearly at required periodicity.	Reports duly monitored by NABL accredited lab attached.
10	That, this CTO is valid subjected to the validity of mining lease/Mining Plan/Ecofriendly/ Environmental Clearance, if applicable. In case of no renewal of Mining Lease/Mining Plan, this consent shall be treated as revoked automatically.	Agreed
11	That, this CTO is issued from the environmental angle only and does not absolve the occupier from other statutory obligations prescribed under any under any other law or any other instrument in force. The sole and complete responsibility to comply with these conditions laid down in all other laws for the time-being in force, rests with the industry/unit/occupier.	All applicable statutory obligations are being complied.
12	That, this CTO shall not in any way, adversely affect or jeopardize the legal proceeding, if any instituted in past or that could be, instituted against you by the State Board for violation of the provisions of the Act or the Rules made there under.	Agreed
13	That, the occupier shall comply with all applicable provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Water (Prevention & Control of Pollution) Cess Act, 1977, the Air (Prevention & Control of Pollution) Act, 1981; and the Environment (Protection) Act, 1986 and Rules made there under.	All applicable provisions of the Acts and Rules are being complied.

For Brahmaputra Metallics Limited

Aaul Salu Director