MAITHAN STEEL & POWER LIMITED



File No: MSPL2 /Env Compl / December'23

Date: 30.11.2023

To,
Ministry of Environment, Forest & Climate Change
Integrated Regional Office (IRO)
IB – 198, IB Block, Sector – III
Bidhannagar, Kolkata,
West Bengal – 700106

Subject: Six Monthly (December, 2023) compliance report for M/S Maithan Steel & Power Limited (Unit -II).

References: EC No: J-11011/679/2008-IA. II (I) dated 16th April 2019 with amended dated 14th October 2019.

Respected Sir / Madam (s),

With respect to the above subject, we are hereby submitting the six monthly compliance reports period from April'2023 to September'2023 for Environment Clearance (EC) vide letter No: J-11011/679/2008-IA. II (i) dated 16th April 2019 with amended dated 14th October 2019 for Expansion of Steel Melting Shop (IF with LRF & CCM), from 1,35,000 TPA to 3,75,000 TPA; Rolling Mill from 90,000 TPA to 2,97,000 TPA; Cold Drawing Worshop 33,000 TPA at Chittaranjan Road, Dendua More, Vill – Nakrajoria, PS – Salanpur, Dist – Paschim Bardhaman, West Bengal in the name of M/S Maithan Steel & Power Limited(Unit – II), in soft copy format vide mail.

Hope you will find the same in order.

Thanking you

Yours faithfully

For, M/S Maithan Steel & Power Limited

Director

C.C:

1. The Regional Director, Central Pollution Control Board (Eastern Zonal Office), G97V + H5Q, Kasba New Market, Sector E, East Kolkata Twp, Kolkata, West Bengal – 700107.

2. The Environment Engineer, Asansol Regional Office, West Bengal Pollution Control Board, Dr. B.C. Roy Road, Asansol, Dist – Paschim Bardhaman, WB – 713301.

Registered Office: 9, A.J.C Bose Road, Ideal Centre, 6th Floor, Kolkata-700 017

© +91 33 4085 7200

CIN: U27102WB2001PLC093321

Works: Unit-I

P.O. Bonra, P.S.: Neturia - 723121,

Dist.: Purulia, (WB)

Works: Unit-II

Chittaranjan Road, Dendua More, P.O & P.S.: Salanpur - 713357,

Dist.: Paschim Bardhaman (WB)

www.maithansteel.com

© 8651540007

MAITHAN STEEL & POWER LIMITED



Enclosures:

- 1.Compliance Report for EC
- 2.Copy of OCEMS Data from April '2023 to September '2023 as Annexure I
- 3. Copy of Stack Emission Data as Annexure II
- 4. Copy of Fugitive Emission Report as Annexure III
- 5. Copy of AAQM Report as Annexure IV
- 6. Copy of CREP for Existing Production Unit as Annexure –V
- 7. Copy of Pre Monsoon Ground Water Report as Annexure VI
- 8. Copy of STP Effluent Water Analysis Report as Annexure VII
- 9. Copy of Drinking Water Quality Report as Annexure VIII
- 10. Copy of Ambient & Work Zone Noise Quality Monitoring Report as Annexure IX
- 11. Copy of Heat Stress Analysis Report as Annexure XI
- 12. Copy of Occupational Health Report as Annexure X
- 13. Copy of CER Cost as Annexure XII
- 14. Recurring Cost Detail as Annexure XIII
- 15. News Paper Advertisement as Annexure XIV



Registered Office:

9, A.J.C Bose Road, Ideal Centre,
6th Floor, Kolkata-700 017

© +91 33 4085 7200

CIN: U27102WB2001PLC093321

Works: Unit-I

P.O. Bonra, P.S.: Neturia - 723121,

Dist.: Purulia, (WB)

www.maithansteel.com

Works: Unit-II

Chittaranjan Road, Dendua More, P.O & P.S.: Salanpur - 713357, Dist.: Paschim Bardhaman (WB)

© 8651540007

Six Monthly EC Compliance Report of M/S Maithan Steel & Power Ltd (Unit –II) for the Period of

April'2023 - September '2023



Half Yearly Compliance Report On

Environmental Clearance Conditions

(MoEFCC letter Ref. No: J-11011/679/2008-IA-II(I) Dated 16.04.2019 Amended Dated 14.10.2019)

Period: April, 2023 - September, 2023

Submitted By:

M/S Maithan Steel & Power Limited
At, Vill – Nakrajoria, PO & PS /Tehsil – Salanpur
Dist – Paschim Bardhaman, West Bengal - 713357



Name of the Project: Expansion of Steel Melting Shop (IF with LF & CCM): from 1,35,000 TPA to 3,75,000 TPA; Rolling Mill: from 90,000 TPA to 2,97,000 TPA; Cold Drawing Workshop: 33,000 TPA by M/s. Maithan Steel & Power Ltd. located at Vill- Nakrajoria, PO & PS- Salanpur, Dist-Paschim Bardhaman, WB

Clearance Letter No. with date:

EC No- J-11011/679/2008-IA. II(I) dated 16.04.2019 and

amended dated 14.10.2019

<u>Period of Compliance Report</u>:

April, 2023 to September, 2023

A. Specific Conditions:

Sr. No.	Conditions	Compliance Status
j	The project proponent shall plan for re-charging of rain water equivalent to the amount of the water abstracted from the ground.	Our water requirement is fulfilled by surface water from Damodar Valley Corporation (DVC) after obtaining the permission of the concerned authority for the current operational plant. We have also started rain water capturing system along with shade catchment areas.
ji.	100% hot charging has to be done and no reheating furnace will be used.	There is no provision of reheating furnace for the current operational plant as 100% hot metal will pass through CCM to hot rolling mill.

B. General Conditions:

l.	Statutory Compliance	
Sr.	Conditions	Compliance Status
No.		
i.	The project proponent shall obtain Consent to Establish/	Already being complied with.
	Operate under the provisions of Air (Prevention & Control	
	of Pollution) Act, 1981 and the Water (Prevention &	Consent to establish dated 10-01-2020 for the
	Control of Pollution) Act, 1974 from the state pollution	installation and consent to operate permissions have
	Control Board/ Committee.	been obtained for operation of 3,75,000 TPA SMS
		(3x20T, 4x15T IF & CCM), 2,97,000 TPA Rolling Mil
		(1x300 & 1x600 TPD) & 33,000 TPA Cold Drawing
		Workshop (1x100 TPD) dated 02.08.2023 from WBPCB.
ii.	The project Proponent Shall obtain the necessary	Ground water is not used for the project & production
	permission from the Central Ground Water Authority, in	purposes. Hence permission from CGWA/ concerned
	case of drawl of ground water from the competent	authority is not necessary.
	authority concerned in case of drawl of surface water	
	required for the project.	
		EEL & O
		(5)
		S VOLKATA MI
		F KULIMIN D

ii.	The project Proponent Shall obtain the necessary permission from the Central Ground Water Authority, in case of drawl of ground water from the competent authority concerned in case of drawl of surface water required for the project.	Ground water is not used for the project & production purposes. Hence permission from CGWA/ concerned authority is not necessary.
iii.	The project proponent shall obtain authorization under the Hazardous and other Waste Management Rules, 2016 as amended from time to time.	Already being complied with. Hazardous Waste Authorization certificate is obtained from concerned department of WBPCB. Authorization memo no: 10/2S(HW)-4406/2020 dated 28.01.2021, which is valid up to 30-10-2025.
II.	Air quality monitoring and preservation	
i.	The project proponent shall install 24x7 continuous emission monitoring system at process stacks to monitor stack with respect to standards prescribed in Environment (Protection) Rules 1986 (G.S.R 414 (E) dated 30 th May 2008 as amended from time to time; S.O. 3305(E) dated 7 th December 2015 (Thermal Power Plants) as amended from time to time) and connect the system to SPCB and CPCB online servers and calibrate these system from time to time according to equipment supplier specification through labs recognized under Environment (Protection) Act, 1986 or NABL accredited laboratories.	The Online Continuous Emission Monitoring Systems (OCEMS) are installed with the process stack connected with currently operational 4x15T IF & 3x20T IF as per CPCB guidelines and the 24x7 online data is transferred to CPCB server through online portal. The OCEMS data for the six-monthly period (April, 2023 to September, 2023) is attached as Annexure-I. Stack Emission is monitored at 4x15T IF & 3x20T IF by third party monitoring agency which is NABL accredited laboratory. As per the stack emission monitoring report submitted, stack emission is monitored in the month of September, 2023. Stack Emission Report is attached as Annexure-II.
II.	The project proponent shall monitor fugitive emissions in the plant premises at least once in every quarter through laboratories recognized under Environment (Protection) act, 1986 or NABL accredited laboratories.	Agreed & complied. Fugitive Emissions are monitored Near Raw Material Shed, Near SMS Area, Near Rolling Mill Area, Gate No-1 & Gate No-2 by third party monitoring agency which is NABL accredited laboratory. As per the fugitive emission monitoring reports submitted, fugitive emissions were monitored in the month of September, 2023. Fugitive Emission Report is attached as Annexure-III.



iii. The project proponent shall install carryout Ambient Air Noted and complied. Quality monitoring for common/ criterion parameters Ambient Air Quality Monitoring (AAQM) is being done relevant to the main pollutants released (e.g., PM₁₀ and PM_{2.5} in reference to PM emission, and SO₂ and NO_X in on regular basis with our ambient station as directed and by WBPCB/ MoEF&CC/ NABL reference to SO₂ and NO_x emissions) within and outside laboratories. the plant area (at least at four locations one within and three outside the plant area at an angle of 120° each), We installed four Ambient Air Quality (AAQ) Monitoring covering upwind and downwind directions. Stations. AAQ are monitored at four locations viz. Near Plant Main Gate inside premises and Near Salanpur Village, Near Nakrajoria Village & Near Dendua Village outside the plant premises by third party monitoring agency which is NABL accredited laboratory. Ambient emissions were monitored as per the AAQ monitoring reports submitted in the month of September, 2023. AAQM Reports are attached as Annexure-IV. IV. The project proponent shall submit monthly summary Already complied. report of continuous stack emission and air quality The 24x7 OCEMS data, manual Stack Monitoring report, monitoring and results of manual stack monitoring of air Ambient Air Quality & Fugitive Emission reports are quality/ fugitive emissions to Regional Office of MoEF&CC, Zonal office of CPCB and Regional Office of SPCB along attached with this report for your ready reference. with six-monthly monitoring report. V. Appropriate Air Pollution Control (APC) system shall be Agreed & already complied. provided for all the dust generating points including Existing SMS (4x15T IF & 3x20T IF) are equipped with bag fugitive dust from all vulnerable sources, so as to comply filters, suction hoods and ID Fans. All bag houses are prescribed stack emission and fugitive emission design to meet the standard below prescribed limit. An standards. adequate dust suppression is provided in material storage sheds, unloading & transfer points for controlling fugitive emission. The dust from APC devices are collected and reused in the process.



premises.

Movable water sprinkling tanker & fixed water sprinklers have been used inside the plant premises to mitigate the fugitive emission. Dedicated manpower is continuously engaged to control the fugitive emission inside the plant

vi.	The project proponent shall provide leakage detection and mechanized bag cleaning facilities for better functioning of bag houses. Provide Pollution Control system in the sponge iron plant as per CREP Guidelines of CPCB.	Already being complied with. From visual observation of stack emissions, differential pressure is checked in bag house. If, damage of bags is detected, damage bags are replaced taking Shut Down of IF unit. In running condition, bags are cleaned by pulse air jet using cleaning timer cycle. Not Applicable.
		The unit does not have any sponge iron division. But we have attached the CREP according to our existing manufacturing units as Annexure- V.
viii.	Sufficient number of mobile or stationary vacuum cleaners shall be provided to clean plant roads shop floors, roofs, regularly.	Already Being complied with. Road Sweeper Machine and Indoor Vacuum Cleaners are available at our factory.
ix.	Recycle and reuse iron ore fines, coal and coke fines, lime fines and such other fines collected in the pollution devices and vacuum cleaning devices in the process after briquetting/ agglomeration.	Not Applicable. Iron ore, coal or coke are not used in the process for the current operational plant.
х.	The project proponent shall ensure covered transportation and conveying of ore, coal and other raw material to prevent spillage and dust generation;	Already Being complied with. Raw materials are coming to plant through fully covered trucks by tarpaulins for the current operational plant.
xi.	Wind shelter fence and chemical spraying shall be provided on the raw material stock piles.	Unit uses Sponge Iron, Pig Iron and Iron Scrap as raw materials. So wind shelter fence and chemical spraying are not applicable. We are using covered shed instead of using wind shelter.
		KOLKATA RATA

111.	Matar quality manitoring and processian	
	Water quality monitoring and preservation	
i.	The project proponent shall install effluent monitoring system with respect to standards prescribed in Environment (Protection) Rules 1986 (G.S.R 414 (E) dated 30 th May 2008; S.O. 3305 (E) dated 7 th December 2015 (Thermal Power Plants) as amended from time to time and connected to SPCB and CPCB online servers and calibrate these system from time to time according to equipment supplier specification through labs recognized under Environment (Protection) Act, 1986 or NABL accredited laboratories. (case to case basis small plants: Manual; Large plants: Continuous)	As the plant is based on "ZLD" concept, so no wasted water is discharged outside the plant premises. We do not have any Sponge Iron Plant/ Thermal Power Plant. For the current operational plant, the water is only used for cooling which is reused in process. The domestic waste water is reused for developing green belt and dust suppression system after treating in the Sewage Treatment Plant. We recycle the process water of Rolling Mill separating oil & grease. We have also installed Effluent Treatment
		Plan with PTZ Camera.
ii.	The project proponent shall monitor regularly the ground water quality at least twice a year (pre and post monsoon) at sufficient numbers of piezometers/ sampling wells in the plant and adjacent areas through labs recognized under Environment (Protection) Act, 1986 and NABL accredited laboratories.	Agreed. We monitored the ground water in September'22 (Post Monsoon) and March'23 (Pre monsoon) for four locations- one in the plant & three outside village areas; by NABL accredited laboratory. Analysis Report of September'23 is enclosed as Annexure- VII.
iii.	The project proponent shall submit monthly summary report	Already being complied.
	of continuous effluent monitoring and results of manual effluent testing and manual monitoring of ground water quality to Regional office of MoEF&CC, Zonal Office of CPCB and Regional Office of SPCB along with six-monthly monitoring report.	Drinking Water & Effluent Water is being monitored on regular basis by WBPCB/ MoEF&CC/ NABL accredited laboratories. NABL accredited laboratory has done the drinking water quality analysis at the tap near Central Store and effluent water analysis report of STP inlet and STP outlet in the month of September, 2023.
		Effluent Water Analysis Reports of STP inlet & STP outlet are attached as Annexure-VIII and the Drinking Water Analysis Reports are attached in Analysis Report as Annexure-IX .
iv.	Adhere to 'Zero Liquid Discharge'.	Already being complied with & will be continued
	EL 81 PO	too. As the plant is based on "ZLD" concept, no waste water is discharged outside the plant premises. The water is only used for cooling which is reused in process. The waste water is reused after treated in the Sewage Treatment Plant (STP) & Effluent Treatment Plant (ETP) for developing green belt and dust suppression system.

MAH

KOLA

V.	Sewage Treatment Plant shall be provided for treatment of	Already Being complied with.
	domestic wastewater to meet the prescribed standards.	We installed 100 KID CTD for treating the day of
		We installed 100 KLD STP for treating the domestic waste water and it is working properly according to
		submitted analysis report.
		Submitted unarysis report.
vi.	Garland drains and collection pits shall be provided for each	Agreed and complied.
	stock pile to arrest the run off in the event of heavy rains and	
	to check the water pollution due to surface run off.	Garland drains have been constructed to arrest the
		surface run off water during the event of rain and it
		is collected in the storm water pond to utilize for
		dust suppression by the movable water tank.
vii.	The project proponent shall practice rainwater harvesting to	Rain water harvesting system is being
	maximum possible extent.	implemented. The rain water is being collected in
		the roof top catchment area and stored in
		reservoir.
viii.	The project proponent shall make efforts to minimize water	Already being complied with.
	consumption in the steel plant complex by segregation and treatment of used water, practicing cascade use and by	The water is only used for speling which is reveal
	recycling treated water.	The water is only used for cooling which is reused in process. The waste water is reused for
	recycling treated water.	developing green belt and dust suppression system
		after treating in the STP & ETP. Also recycling the
		waste water of rolling mill through oil & grease
		separator to reuse.
IV.	Noise monitoring and prevention	
i.	Noise level survey shall be carried as per the prescribed	Noted & already being complied with.
	guidelines and report in this regard shall be submitted to	,
	Regional Officer of the ministry as a part of six-monthly	Noise Monitoring is being done on regular basis by
	compliance report.	WBPCB/ MoEF&CC/ NABL accredited laboratories.
		Eco Care, West Bengal which is NABL/ MoEFCC
		accredited laboratory has done the analysis at four
		locations viz. Near Admin Building, Dendua Village,
		Salanpur Village & Nakrajoria Village in the month
		of September, 2023.
		The Ambient & Work Zone Noise quality monitoring
		reports are attached in Analysis Report as
		Annexure- X.
	(EL 8 PO)	
	(Z(XOL)ATA)	

MA

*

ii	The ambient noise levels should confirm to the standards prescribed under E(P)A Rules, 1986 viz. 75 dB(A) during day time to 70 dB(A) during night time.	Ambient Noise in day and night time are within norms as per submitted analysis report.
V.	Energy conservation measures	
i.	The project proponent shall provide waste heat recovery system on the DRI kilns.	Not applicable. As there is no DRI Kiln in the project.
ii.	The dolochar generated shall be used for power generation.	Not applicable because there is no DRI kiln.
iii.	Provide solar power generation on roof tops of buildings, for solar light system for all common areas, street lights, parking around project area and maintain the same regularly.	Being complied with. Solar light systems are installed at the inside & outside plant premises. Roof top solar panel also installed.
iv.	Provide LED lights in their offices and residential areas.	Already implemented.
VI.	Waste management	
i.	Used refractories shall be recycled as far as possible.	Used refractories are being sold out to refractory units for recycle.
ii.	100% utilization of fly ash shall be ensured. All the fly ash shall be provided to cement and brick manufacturers for further utilization and memorandum and understanding in this regard shall be submitted to the Ministry's Regional Office.	Not applicable. No fly ash generated.
iii.	The waste oil, grease and other hazardous waste shall be disposed of as per the Hazardous & Other Waste (Management & Transboundary Movement) Rules, 2016.	Already Being complied with & Will be complied too. Used oil is sold to WBPCB authorized recycler (Here, i.e., BA-MA Oil Industries) and cotton waste/jute containing oil is sent CHWTSDF (Here, i.e., West Bengal Waste Management Limited). It has been also mentioned in the submitted Hazardous Waste annual return (Form-4 for the 2022-23 financial year) to the West Bengal Pollution Control Board (WBPCB). The same will be submitted to WBPCB for the financial year 2023-24.
iv.	Kitchen waste shall be composted or converted to biogas for further use.	Kitchen waste is composted and is used as manure/bio-fertilizer in gardening.
	KOCKATA E	

VII.	Green Belt	
i,	Green belt shall be developed in an area equal to 33% of the plant area with a native tree species in accordance with CPCB guidelines. The greenbelt shall inter alia cover the entire periphery of the plant.	for green belt development.
ii.	The project proponent shall prepare GHG emissions inventory for the plant and shall submit the programme for reduction of the same including carbon sequestration including plantation.	We have prepared the GHG Emissions Inventory with programme for reduction of the same including carbon sequestration including plantation. The project is not generating GHG as it does not use any fossil fuel.
VIII	Public hearing and Human health issues	
i.	Emergency preparedness plan based on the Hazard Identification and Risk Assessment (HIRA) and Disaster Management plan shall be implemented.	A disaster management cell headed by site incident controller has been formed to face emergency and disaster. Time to time training is also given to the Labourers/ employees.
ii.	The project proponent shall carry out stress analysis for the workmen who work in high temperature work zone and provide personal protection Equipment (PPE) as per the norms of factory Act.	The workmen have been provided PPE like asbestos apron, gloves, safety shoes and color glasses. Work zone are being rotated periodically and the shifts for workers working at high temperature zone is changed frequently. We periodically done Heat Stress Analysis Report, attached as Annexure-XI .
iii.	Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, crèche etc. The housing may be in the form of temporary structure to be removed after the completion of the project.	Existing plant infrastructure and facilities has been provided to Construction Labourers.
iv.	Occupational health surveillance of the workers shall be done on a regular basis and records maintained as per the Factories Act.	Already being complied with. Occupational health surveillance of the workers is being periodically accessed and records are being maintained as per the Factories Act 1948.

KATA

IX.	Corporate Environment Responsibility	
i.	The project proponent shall comply with the provisions	The cost insured in CFD is being a little
	contained in this Ministry's Om vide F. No. 22-65/2017-IA.III dated 1 st May 2018, as applicable, regarding Corporate Environment Responsibility.	social development and welfare measures in th
		The CER detail is attached as Annexure- XIII.
ii.	The company shall have a well laid down environmental policy duty approved by the Board of Directors. The environmental policy should prescribe for standard operating procedures to have proper checks and balances and to bring into focus any infringements/ deviation/ violation of the environmental/ forest/ wildlife norms/ conditions. The company shall have defined system of reporting infringements/ deviation/ violation of the environmental/ forest/ wildlife norms/ conditions and/ or shareholder's/ stake holders. The copy of the board resolution in this regard shall be submitted to the MoEF&CC as a part of six-monthly report.	The company has a well laid down environment policy duly approved by Board of Directors Standard Operating Procedure for individual equipments have been printed and distributed to
iii.	A Separate Environmental cell both at the project and company head quarter level, with qualified personnel shall be set up under the control of senior Executive, who will report directly to the head of the organization.	Agreed. A separate Environment Management Cell is working under Workmen Controller (WMC) who is also organizational head. All abnormalities and deviations are directly reported to him, who take up the matter with Board of Directors for immediate action and budgetary provision. New employee(s) of Environment Cell for our project is
iv.	Action plan for implementing EMP and environmental conditions along with responsibility matrix of the company shall be prepared and shall be duly approved by competent authority. The year wise funds earmarked for environmental protection measures shall be kept in separate account and should not be diverted for any other purpose. Year wise progress of implementation of action plan shall be reported to the Ministry/ Regional Office along with the Six Monthly Compliance Report.	Agreed and already being complied with. Adequate funds have been deployed in CAPEX and OPEX. An itemized action plan has been drawn for implementing the stipulated conditions. The detail about the Recurring Cost on Environmental Safeguard for current operational plant is enclosed as Annexure- XIV.
v.	Self-environmental audit shall be conducted annually. Every three years third party environmental audit shall be carried out.	Already being complied with & Will be complied too. The company has ISO 9001, ISO 14001 & ISO 45001 certificate after successful completion of the project.
	KOLKATA RR	

vi.	All the recommendations made in the charter on Corporate Responsibility for Environment Protection (CREP) for the Sponge Iron plants shall be implemented.	There is no sponge iron unit in the EC awarded configuration. So, implementation of CREP for the sponge iron plant is not required. We have already submitted the CREP for our existing production units as Annexure-V .
х.	Miscellaneous	
i.	The project proponent shall make public the environmental clearance granted for their project along with the environmental conditions and safeguards at their cost by prominently advertising it in at least two local newspapers of the District or State, of which one shall be in the vernacular language within seven days and in addition this shall also be displayed in the project proponent's website permanently.	Already being complied with. Accorded Environmental Clearance was published in two local Newspapers and also in company's website. Advertisement copy is attached as Annexure- XV.
ii.	The copies of the environmental clearance shall be submitted by the project proponents to the Heads of local bodies, panchayats and Municipal bodies in addition to the relevant offices of the Government who in turn has to display the same for 30 days from the date of receipt.	Already being complied with. EC copy was submitted to the Heads of Local bodies, Panchayats and/or Municipal bodies in addition to the relevant offices of the Government.
iii.	The project proponent shall upload the status of compliance of the stipulated environment clearance conditions, including results of monitored data on their website and update the same on half-yearly basis.	We have already uploaded the conditions with compliance to the website. Agreed to update on half-yearly basis.
iv.	The project proponent shall monitor the criteria pollutants levels level namely; PM_{10} , $PM_{2.5}$, SO_2 , NO_x (ambient levels as well as stack emissions) or critical sectoral parameters, indicated for the projects and display the same at a convenient location for disclosure to the public and put on the website of the company.	Noted & already being complied with. The management of MSPL (M/s. Maithan Steel & Power Limited) is monitoring criteria pollutants level namely; PM ₁₀ , PM _{2.5} , SO ₂ , NO _x (ambient levels as well as stack emissions of PM) by NABL accredited third party monitoring agency. Emission levels of pollutants of different units is displayed on environment information board as per CPCB format outside the main gate of the plant for disclosure to the public and also uploaded with compliance report on the website of the company.



V.	The project proponent shall submit six-monthly reports on	, 5
	the status of the compliance of the stipulated environmental	
	conditions on the website of the Ministry of Environment,	
	Forest and Climate Change at environment clearance portal.	Six-monthly report on the status of compliance of
/		the stipulated environmental conditions are being
		submitted to MoEF&CC and displayed on the
		website.
vi.	The project proponent shall submit the environmental	Agreed and already being complied with.
	statement for each financial year in Form-V to the concerned	,,
	State Pollution Control Board as prescribed under the	
	Environment (protection) Rules, 1986 as amended	
	subsequently and put on the website of the company.	the West Bengal Pollution Control Board vide letter
		no. MSPL2/ENV_Statement/2023-24 dated
		05.09.2023 and the same will be submitted for the
		financial year (2023-24) before Sep'24. Current
		report is available on the website of our company.
vii.	The project proponent shall inform the Regional Office as	Noted.
1	well as the Ministry, the date of financial closure and final	
	approval of the project by the concerned authorities,	Financial closure date is 20-10-2022; final approval
	commencing the land development work and start of	of the project by the concerned authorities is 10-
	production operation by the project.	01-2020 & commencing the land development
		work from 04-05-2020.
viii.	The project authorities must strictly adhere to the	Noted
V131.	stipulations made by the State Pollution Control Board and	Noted.
	the State Government.	
	the State Government.	
ix.	The project proponent shall abide by all the commitments	Agreed.
	and recommendations made in the EIA/ EMP report,	
	commitment made during public hearing and also that during	
	their presentation to the Expert Appraisal Committee.	
	N. C. II.	
Χ.	No further expansion or modifications in the plant shall be	Agreed.
	carried out without prior approval of the Ministry of	
	Environment, Forests and Climate Change (MoEF&CC).	
xi.	Concealing factual data or submission of false/ fabricated	Noted.
	data may result in revocation of this environmental clearance	
	and attract action under the provisions of Environment	
	(Protection) Act, 1986.	
	9.0	
di.	The Ministry may revoke or suspend the clearance, if	Noted.
	implementation of any of the above conditions is not	
	satisfactory.	
17		EEL & PO
		6
		KOLKATA) B
		E NOUT E
		1201

xiii.	The ministry reserves the right to stipulate additional conditions if found necessary. The Company in a time bound manner shall implement these conditions.	
xiv.	The Regional Office of this Ministry shall monitor compliance of the stipulated conditions. The Project authorities should extend full cooperation to the officer(s) of the Regional Office by furnishing the requisite data/ information/ monitoring reports.	Noted.
xv.	The above conditions shall be enforced, inter-alia under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 and the Public Liability Insurance act, 1991 along with their amendments and Rules and any other orders passed by the Hon'ble Supreme Court of India/ High Courts and any other Court of Law relating to the subject matter.	Noted.
vi.	Any appeal against this EC shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.	Agreed.





OCEMS DATA FOR THE SIX MONTHLY PERIOD – APRIL'2023 TO SEPTEMBER'2023



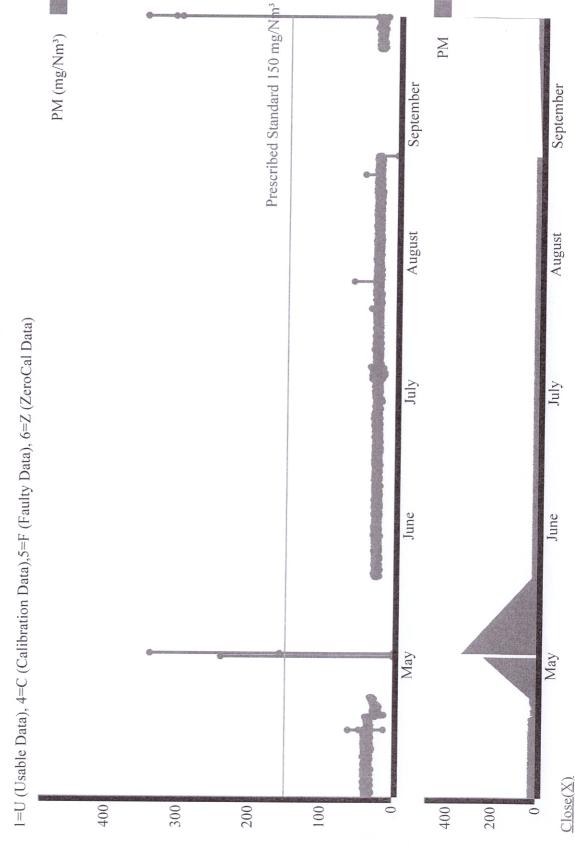
Maithan Steel & Power Ltd (Unit II) Stack_1 Induction Furnace_Maithan-U-2_Salanpur

Village Nakrajoria, P.O. & P.S. Salanpur, Dist. Paschim Bardhman, PIN 713357, Salanpur, West Bengal-713357 Salanpur West Bengal 713357

Start Date - 2023-04-01 End Date - 2023-09-30

Average - 15 minutes









Stack_1 _Induction Furnace_Maithan-U-2_ Salanpur - Live:01/Apr/2023 - 30/ Sep/2023

Timestamp	SPM(mg/Nm3
01-Apr-2023 00:0	00 35.56
02-Apr-2023 00:0	00 35.2
03-Apr-2023 00:0	00 35.51
04-Apr-2023 00:0	0 35.31
05-Apr-2023 00:0	0 35.55
06-Apr-2023 00:0	0 35.69
07-Apr-2023 00:0	0 35.47
08-Apr-2023 00:0	0 35.97
09-Apr-2023 00:0	0 35.91
10-Apr-2023 00:0	0 35.52
11-Apr-2023 00:0	0 35.44
12-Apr-2023 00:0	0 35.57
13-Apr-2023 00:0	0 35.38
14-Apr-2023 00:0	0 35.84
15-Apr-2023 00:0	0 35.71
16-Apr-2023 00:0	0 34.32
17-Apr-2023 00:0	0 32.63
18-Apr-2023 00:00	33.94
19-Apr-2023 00:00	0 27.77
20-Apr-2023 00:00	24.66
21-Apr-2023 00:00	22.16
22-Apr-2023 00:00	25.57
23-Apr-2023 00:00	29.01
24-Apr-2023 00:00)
25-Apr-2023 00:00)
26-Apr-2023 00:00)
27-Apr-2023 00:00	
28-Apr-2023 00:00	
29-Apr-2023 00:00	
30-Apr-2023 00:00	
01-May-2023 00:00)
02-May-2023 00:00	119.91
03-May-2023 00:00	40.98
04-May-2023 00:00)
05-May-2023 00:00)
06-May-2023 00:00)
07-May-2023 00:00)
08-May-2023 00:00)
09-May-2023 00:00	
10-May-2023 00:00	
11-May-2023 00:00	
12-May-2023 00:00	
13-May-2023 00:00	
14-May-2023 00:00	



Timestamp	SPM(mg/Nm3)
15-May-2023 00:0	00
16-May-2023 00:0	00
17-May-2023 00:0	00
18-May-2023 00:0	00
19-May-2023 00:0	0
20-May-2023 00:0	0 23.51
21-May-2023 00:0	0 24.84
22-May-2023 00:0	0 24.46
23-May-2023 00:0	0 24.64
24-May-2023 00:0	0 24.61
25-May-2023 00:0	0 24.94
26-May-2023 00:0	0 24.87
27-May-2023 00:0	0 24.67
28-May-2023 00:0	0 24.86
29-May-2023 00:0	0 25.1
30-May-2023 00:0	24.6
31-May-2023 00:00	25.05
01-Jun-2023 00:00	25
02-Jun-2023 00:00	24.78
03-Jun-2023 00:00	24.61
04-Jun-2023 00:00	24.74
05-Jun-2023 00:00	25.01
06-Jun-2023 00:00	24.91
07-Jun-2023 00:00	24.55
08-Jun-2023 00:00	24.82
09-Jun-2023 00:00	24.81
10-Jun-2023 00:00	25.06
11-Jun-2023 00:00	24.94
12-Jun-2023 00:00	24.8
13-Jun-2023 00:00	24.5
14-Jun-2023 00:00	25.05
15-Jun-2023 00:00	25
16-Jun-2023 00:00	
17-Jun-2023 00:00	24.78
18-Jun-2023 00:00	24.95
19-Jun-2023 00:00	24.6
20-Jun-2023 00:00	24.9
21-Jun-2023 00:00	24.63
22-Jun-2023 00:00	
23-Jun-2023 00:00	
24-Jun-2023 00:00	
25-Jun-2023 00:00	
26-Jun-2023 00:00	
27-Jun-2023 00:00	
28-Jun-2023 00:00	
29-Jun-2023 00:00	
30-Jun-2023 00:00	24.62



Timestamp	SPM(mg/Nm3)
01-Jul-2023 00:00	24.65
02-Jul-2023 00:00	24.87
03-Jul-2023 00:00	24.84
04-Jul-2023 00:00	24.43
05-Jul-2023 00:00	24.6
06-Jul-2023 00:00	
07-Jul-2023 00:00	
08-Jul-2023 00:00	24.86
09-Jul-2023 00:00	24.58
10-Jul-2023 00:00	24.82
11-Jul-2023 00:00	25
12-Jul-2023 00:00	
13-Jul-2023 00:00	24.93
14-Jul-2023 00:00	25.01
15-Jul-2023 00:00	24.82
16-Jul-2023 00:00	24.58
	24.7
18-Jul-2023 00:00	
19-Jul-2023 00:00	
20-Jul-2023 00:00	24.52
21-Jul-2023 00:00	24.76
22-Jul-2023 00:00	24.75
	24.98
24-Jul-2023 00:00	
25-Jul-2023 00:00	
	24.79
27-Jul-2023 00:00	24.2
28-Jul-2023 00:00	24.67
29-Jul-2023 00:00	24.42
30-Jul-2023 00:00	24.76
31-Jul-2023 00:00	24.75
01-Aug-2023 00:00	24.55
02-Aug-2023 00:00	24.93
03-Aug-2023 00:00	24.7
04-Aug-2023 00:00	24.46
05-Aug-2023 00:00	24.8
06-Aug-2023 00:00	24.97
07-Aug-2023 00:00	24.64
08-Aug-2023 00:00	24.55
09-Aug-2023 00:00	24.54
10-Aug-2023 00:00	24.89
11-Aug-2023 00:00	24.72
12-Aug-2023 00:00	24.3
13-Aug-2023 00:00	24.71
14-Aug-2023 00:00	24.67
15-Aug-2023 00:00	24.78
16-Aug-2023 00:00	24.75



Timestamp	SPM(mg/Nm3)
17-Aug-2023 00:00	24.66
18-Aug-2023 00:00	24.61
19-Aug-2023 00:00	24.87
20-Aug-2023 00:00	24.81
21-Aug-2023 00:00	24.74
22-Aug-2023 00:00	23.63
23-Aug-2023 00:00	
24-Aug-2023 00:00	
25-Aug-2023 00:00	
26-Aug-2023 00:00	
27-Aug-2023 00:00	
28-Aug-2023 00:00	
29-Aug-2023 00:00	
30-Aug-2023 00:00	
31-Aug-2023 00:00	
01-Sep-2023 00:00	
02-Sep-2023 00:00	
03-Sep-2023 00:00	
04-Sep-2023 00:00	
05-Sep-2023 00:00	
06-Sep-2023 00:00	
07-Sep-2023 00:00	
08-Sep-2023 00:00	
09-Sep-2023 00:00	
10-Sep-2023 00:00	
11-Sep-2023 00:00	
12-Sep-2023 00:00	
13-Sep-2023 00:00	
14-Sep-2023 00:00	
15-Sep-2023 00:00	22.99
16-Sep-2023 00:00	23.06
17-Sep-2023 00:00	22.89
18-Sep-2023 00:00	22.79
19-Sep-2023 00:00	22.64
20-Sep-2023 00:00	23.13
21-Sep-2023 00:00	22.69
22-Sep-2023 00:00	56.53



Maithan Steel & Power Ltd (Unit II) Stack_2_InductionFurnance_03x20TPH

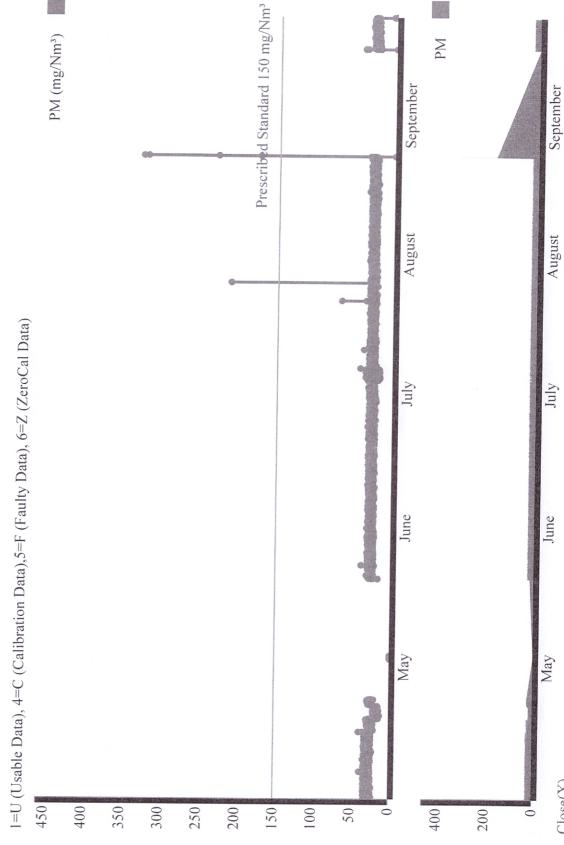
Village Nakrajoria, P.O. & P.S. Salanpur, Dist. Paschim Bardhman, PIN 713357, Salanpur, West Bengal-713357 Salanpur West Bengal 713357

Start Date - 2023-04-01

End Date - 2023-09-30

Average - 15 minutes









 $\overline{\text{Close}(X)}$

Stack_2_InductionFurnance_03x20TPH - Live:01/Apr/2023 - 30/Sep/2023

Timestamp	SPM(mg/Nm3)
01-Apr-2023 00:00	27.62
02-Apr-2023 00:00	27.33
03-Apr-2023 00:00	27.47
04-Apr-2023 00:00	27.74
05-Apr-2023 00:00	27.35
06-Apr-2023 00:00	27.68
07-Apr-2023 00:00	27.35
08-Apr-2023 00:00	28.17
09-Apr-2023 00:00	27.76
10-Apr-2023 00:00	27.58
11-Apr-2023 00:00	27.35
12-Apr-2023 00:00	27.55
13-Apr-2023 00:00	27.48
14-Apr-2023 00:00	27.7
15-Apr-2023 00:00	27.61
16-Apr-2023 00:00	26.48
17-Apr-2023 00:00	24.32
18-Apr-2023 00:00	24.71
19-Apr-2023 00:00	20.64
20-Apr-2023 00:00	16.79
21-Apr-2023 00:00	17.15
22-Apr-2023 00:00	20.03
23-Apr-2023 00:00	24.3
24-Apr-2023 00:00	
25-Apr-2023 00:00	
26-Apr-2023 00:00	
27-Apr-2023 00:00	
28-Apr-2023 00:00	
29-Apr-2023 00:00	
30-Apr-2023 00:00	
01-May-2023 00:00	
02-May-2023 00:00	0
03-May-2023 00:00	0
04-May-2023 00:00	
05-May-2023 00:00	
06-May-2023 00:00	
07-May-2023 00:00	
08-May-2023 00:00	
09-May-2023 00:00	
10-May-2023 00:00	
11-May-2023 00:00	
12-May-2023 00:00	
13-May-2023 00:00	
14-May-2023 00:00	
15-May-2023 00:00	



	71. F.S. N. Const. March 19. 14. 14. 15. 14. 15. 14. 15. 16. 16. 16. 16. 16. 16. 16. 16. 16. 16
Timestamp	SPM(mg/Nm3)
16-May-2023 00:00	
17-May-2023 00:00	
18-May-2023 00:00	
19-May-2023 00:00	
20-May-2023 00:00	
21-May-2023 00:00	
22-May-2023 00:00	
23-May-2023 00:00	
24-May-2023 00:00	
25-May-2023 00:00	
26-May-2023 00:00	
27-May-2023 00:00	
28-May-2023 00:00	
29-May-2023 00:00	
30-May-2023 00:00	
31-May-2023 00:00	
01-Jun-2023 00:00	26.56
02-Jun-2023 00:00	26.22
03-Jun-2023 00:00	25.91
04-Jun-2023 00:00	26.07
05-Jun-2023 00:00	26.44
06-Jun-2023 00:00	26.27
07-Jun-2023 00:00	25.93
08-Jun-2023 00:00	26.29
09-Jun-2023 00:00	26.22
10-Jun-2023 00:00 11-Jun-2023 00:00	26.55 26.25
12-Jun-2023 00:00	26.35
13-Jun-2023 00:00	26.33
14-Jun-2023 00:00	26.35
15-Jun-2023 00:00	26.43
16-Jun-2023 00:00	26.23
17-Jun-2023 00:00	26.36
18-Jun-2023 00:00	26.38
19-Jun-2023 00:00	26.04
20-Jun-2023 00:00	26.27
21-Jun-2023 00:00	26.09
22-Jun-2023 00:00	26.46
23-Jun-2023 00:00	26.37
24-Jun-2023 00:00	26.25
25-Jun-2023 00:00	26.31
26-Jun-2023 00:00	26.58
27-Jun-2023 00:00	26.11
28-Jun-2023 00:00	26.01
29-Jun-2023 00:00	26.03
30-Jun-2023 00:00	26.13
01-Jul-2023 00:00	26



Timestamp	SPM(mg/Nm3)
02-Jul-2023 00:00	26.26
03-Jul-2023 00:00	26.26
04-Jul-2023 00:00	25.92
05-Jul-2023 00:00	26.07
06-Jul-2023 00:00	26.44
07-Jul-2023 00:00	26.3
08-Jul-2023 00:00	26.15
09-Jul-2023 00:00	26
10-Jul-2023 00:00	26.24
11-Jul-2023 00:00	26.41
12-Jul-2023 00:00	25.86
13-Jul-2023 00:00	26.26
14-Jul-2023 00:00	26.45
15-Jul-2023 00:00	26.21
16-Jul-2023 00:00	25.95
17-Jul-2023 00:00	25.99
18-Jul-2023 00:00	26.28
19-Jul-2023 00:00	26.24
20-Jul-2023 00:00	25.96
21-Jul-2023 00:00	26.55
22-Jul-2023 00:00	26.3
23-Jul-2023 00:00	26.39
24-Jul-2023 00:00	26.26
25-Jul-2023 00:00	26.54
26-Jul-2023 00:00	26.23
27-Jul-2023 00:00	25.56
28-Jul-2023 00:00	26.08
29-Jul-2023 00:00	25.89
30-Jul-2023 00:00	26.22
31-Jul-2023 00:00	26.2
01-Aug-2023 00:00	25.97
02-Aug-2023 00:00	26.39
03-Aug-2023 00:00	26.19
04-Aug-2023 00:00	25.85
05-Aug-2023 00:00	26.23
06-Aug-2023 00:00	26.34
07-Aug-2023 00:00	26.05
08-Aug-2023 00:00	25.95
09-Aug-2023 00:00	25.95
10-Aug-2023 00:00	26.31
11-Aug-2023 00:00	26.04
12-Aug-2023 00:00	25.75
13-Aug-2023 00:00	26.06
14-Aug-2023 00:00	26.15
15-Aug-2023 00:00	26.18
16-Aug-2023 00:00	26.16
17-Aug-2023 00:00	26.06



Timestamp	SPM(mg/Nm3)
18-Aug-2023 00:00	25.84
19-Aug-2023 00:00	26.29
20-Aug-2023 00:00	26.24
21-Aug-2023 00:00	26.15
22-Aug-2023 00:00	35.57
23-Aug-2023 00:00	
24-Aug-2023 00:00	
25-Aug-2023 00:00	
26-Aug-2023 00:00	
27-Aug-2023 00:00	
28-Aug-2023 00:00	
29-Aug-2023 00:00	
30-Aug-2023 00:00	
31-Aug-2023 00:00	
01-Sep-2023 00:00	
02-Sep-2023 00:00	
03-Sep-2023 00:00	
04-Sep-2023 00:00	
05-Sep-2023 00:00	
06-Sep-2023 00:00	
07-Sep-2023 00:00	
08-Sep-2023 00:00	
09-Sep-2023 00:00	
10-Sep-2023 00:00	
11-Sep-2023 00:00	
12-Sep-2023 00:00	
13-Sep-2023 00:00	
14-Sep-2023 00:00	
15-Sep-2023 00:00	25.16
16-Sep-2023 00:00	25.56
17-Sep-2023 00:00	24.93
18-Sep-2023 00:00	25.3
19-Sep-2023 00:00	25.25
20-Sep-2023 00:00	25.48
21-Sep-2023 00:00	25.65
22-Sep-2023 00:00	22.28





STACK EMISSION MONITORING REPORT









Email: ecocareasansol@rediffmail.com Manoj Talkies Basement, Kumarpur Asansol - 713304 Dist. Paschim Bardhaman (W.B.)

Specialised House on Environmental Monitoring, Analysis, Assessment & Management ISO 9001:2015 Certified, OHSAS 45001:2018 Certified

ULR NO - TC510923000001146F

Format No.: EC/TRT/42/FM/01

TEST REPORT

Report Release Date	: 19.09.2023	Sample Ref. No.(ARF)	: EC/ARF/29/230910
		Source of Sample	: Steel Plant
Type of Sample	: Dust & Gaseous Emission	Sampling Date	: 11.09.2023
Sample Collected by	: Mr. Binod Singh & Team	Period of Analysis	: 13.09.2023
Sample Details	: Stack Emission	Sampling Location	: Bag Filter Stack
Name & Address : Maithan Steel & Power Limited		Sample Condition	: Sealed
(Unit – II)		Sample Stamped as	: TH – 47
Village & Mouza – Nakrajoria		Sample Drawn By	: ECO CARE
	PO & PS – Salanpur	Sampling Plan &	
	Dist - Paschim Bardhaman	Procedure	: EC/SOP/03/01
	West Bengal – 713357	Remarks	* 100 No 500 AN
		Deviation if any	: None

A TET TO	E A CETE	TRIES.	TORK I	TACABLE
E w Et . I W	#. #< /A # /	INHE	KIVIA	TION
C	A-1 A B-1 A B-1	AL VA	T FT A T'W F	

1	Particular of the Plant	: Steel Plant
2	Emission Due to	: Process Activity
3	Stack Connected to	: Bag Filter at Induction Furnace No. 1,2 & 3
4	Material of Construction	: M.S
5	Stack Height from G.L.	: 30.0 m
6	Height of Sampling Port from G.L.	: 20.0 m
7	Height of Sampling Port from L.D.Z.	
8	Diameter of Stack at Sampling Port	: 2.70 m
9	Shape of the Stack	: Circular Ó
10	Working Load	: 20.0 MT/Batch/Furnace

FUEL CHARACTERISTIC REPORT

1	Source of Energy	: Electricity	
2	Energy Consumption	;	The state of the s
3	Calorific Value (K-Cal/Kg)	:	

RESULTS OF SAMPLING GASEOUS EMISSION ANALYSIS

	SSEED OF STRING GASEOUS	EMISSION ANALISIS	Method
1	Flue Gas Temperature	53°C	IS 11255 : Part 3
2	Barometric Pressure	755 mm Hg	IS 11255 : Part 3
3	Velocity of Flue Gas	5.17 m/sec	IS 11255 : Part 3
4	Flue Gas Quantity	96829 Nm ³ / hr	IS 11255 : Part 3
5	Concentration of Particulate Matter	36.11 mg/Nm ³	IS 11255 : Part 1
6	Concentration of Carbon Dioxide	2.6%	IS 13270
7	Concentration of SO ₂		IS 11255 : Part 2
8	Concentration of NO _x		IS 11255: Part 7

1. Test values are reported based on the samples received.

2. Sample(s) will be destroyed after 7 days from date of issues of the Test Report subject to nature of Preservation. Sample will be preserved as per the standard method.

3. The Test report shall not be reproduced, without the written approval of laboratory



Authorised Signatory

Dr. Mousumi Pal Ph.D.(Env.), Scientist Authorised Signatory

M-41- -1







Phone: (0341) 2252011

Email: ecocareasansol@rediffmail.com

Manoj Talkies Basement, Kumarpur Asansol - 713304

Dist. Paschim Bardhaman (W.B.)

Specialised House on Environmental Monitoring, Analysis, Assessment & Management ISO 9001:2015 Certified, OHSAS 45001:2018 Certified

ULR NO - TC510923000001147F

Format No.: EC/TRT/42/FM/01

TEST REPORT

Report Release Date	: 19.09.2023	Sample Ref. No.(ARF)	: EC/ARF/29/230910
Test Report No	: EC/TR/42/09022	Source of Sample	: Steel Plant
Type of Sample	: Dust & Gaseous Emission	Sampling Date	: 11.09.2023
Sample Collected by	: Mr. Binod Singh & Team	Period of Analysis	: 13.09.2023
Sample Details	: Stack Emission	Sampling Location	: Bag Filter Stack
Name & Address	: Maithan Steel & Power Limited	Sample Condition	: Sealed
	(Unit – II)	Sample Stamped as	: TH – 48
	Village & Mouza – Nakrajoria	Sample Drawn By	: ECO CARE
	PO & PS – Salanpur	Sampling Plan &	
	Dist – Paschim Bardhaman	Procedure	: EC/SOP/03/01
	West Bengal – 713357	Remarks	:
		Deviation if any	: None

GENERAL INFORMATION

Particular of the Plant	: Steel Plant
	. Steel I fall
Emission Due to	: Process Activity
Stack Connected to	: Bag Filter at Induction Furnace No. 1,2, 3 & 4
Material of Construction	: M.S
Stack Height from G.L.	: 30.0 m
Height of Sampling Port from G.L.	: 20.0 m
Height of Sampling Port from L.D.Z.	:
Diameter of Stack at Sampling Port	: 1.20 m
Shape of the Stack	: Circular Ø
Working Load	: 15 MT/Batch/Furnace
	Material of Construction Stack Height from G.L. Height of Sampling Port from G.L. Height of Sampling Port from L.D.Z. Diameter of Stack at Sampling Port Shape of the Stack

FUEL CHARACTERISTIC REPORT

1	Source of Energy	: Electricity	
2	Energy Consumption	:	
3	Calorific Value (K-Cal/Kg)	:	

RESULTS OF SAMPLING GASEOUS EMISSION ANALYSIS

RI	ESULTS OF SAMPLING GASEOUS	EMISSION ANALYSIS	Method
1 2	Flue Gas Temperature Barometric Pressure	49°C 755 mm Hg	IS 11255 : Part 3 IS 11255 : Part 3
3 4 5	Velocity of Flue Gas Flue Gas Quantity Concentration of Particulate Matter	7.61 m/sec 28509 Nm ³ / hr 29.79 mg/Nm ³	IS 11255 : Part 3 IS 11255 : Part 3
6	Concentration of Carbon Dioxide Concentration of SO ₂	29.79 mg/Nm 2.2%	IS 11255 : Part 1 IS 13270
8	Concentration of NO _x		IS 11255 : Part 2 IS 11255 : Part 7

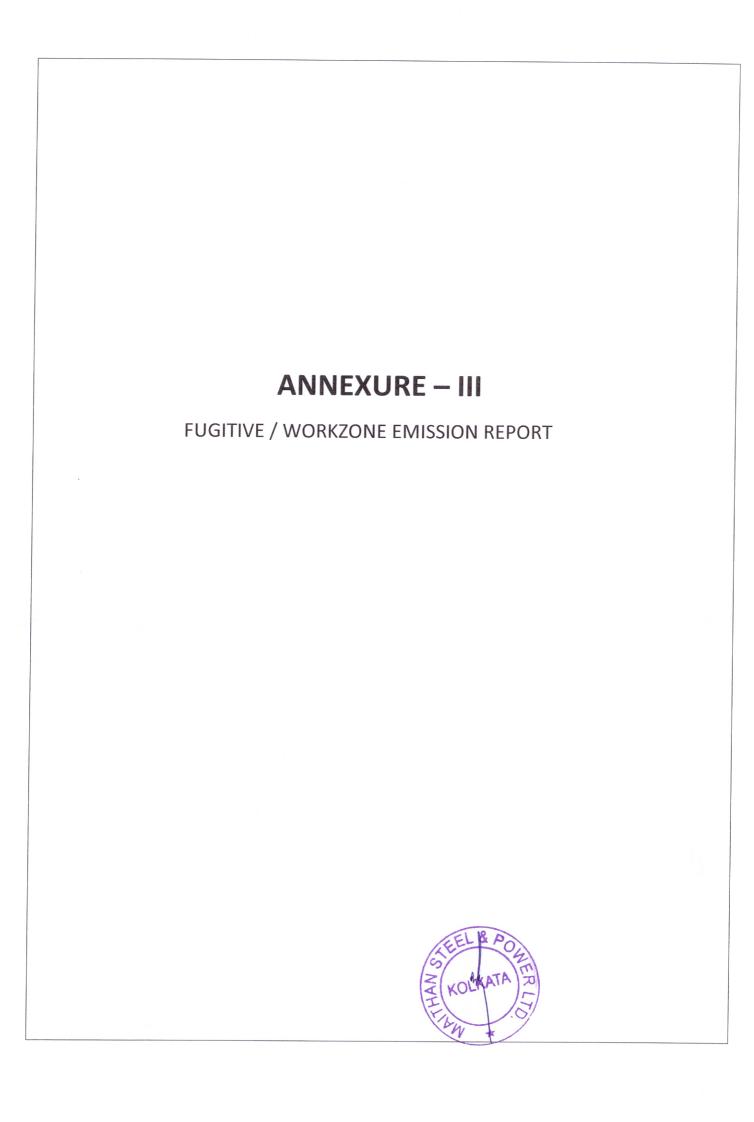
1. Test values are reported based on the samples received.

2. Sample(s) will be destroyed after 7 days from date of issues of the Test Report subject to nature of Preservation. Sample will be preserved as per the standard method.

3. The Test report shall not be reproduced, without the written approval of laboratory



Authorised Signatory









Email: ecocareasansol@rediffmail.com

Manoj Talkies Basement, Kumarpur

Asansol - 713304

Dist. Paschim Bardhaman (W.B.)

Specialised House on Environmental Monitoring, Analysis, Assessment & Management
, ISO 9001:2015 Certified, OHSAS 45001:2018 Certified

ULR NO - TC510923000000778F

Format No.: EC/TRT/42/FM/02

TEST REPORT

Report Release Date : 08.06.2023 : EC/ARF/29/230604 Sample Ref. No.(ARF) : EC/TR/42/06007 Test Report No Source of Sample : Steel Plant Type of Sample : Suspended Dust & Gases Sampling Date : 05.06.2023 Sample Collected by : Mr. Sumit Sarkar & Team Period of Analysis : 06.06.23 to 07.06.23 : Fugitive Air Sample Condition Sample Details : Sealed & Preserved Name & Address : Maithan Steel & Power Limited Remarks Sampling Plan & (Unit - II) Procedure : EC/SOP/03/01 Vill & Mouza - Nakrajoria P.O & P.S – Salanpur Sample Drawn By : ECO CARE Dist - Paschim Barddhaman Deviation if any : None West Bengal, Pin No – 713357

METEOROLOGICAL INFORMATION

1	Average Temperature	33.9 °C	2	Barometric Pressure	754 mm Hg
3	Average Relative Humidity	39.0 %	4	Weather Condition	Clear Day

SI. No.	Parametrs	Test Method	Results
1	Concentration of Suspended Particulate Matter	IS: 5182 (Part – 4)	402.71 μg/M ³
2. S	Sampling Location : Near SMS Area		
SI. No.	Parametrs	Test Method	Results
1	Concentration of Suspended Particulate Matter	IS: 5182 (Part – 4)	347.70 μg/M ³

- 1. Test values are reported based on the samples received.
- 2. Sample(s) will be destroyed after 7 days from date of issues of the Test Report subject to nature of Preservation. Sample will be preserved as per the standard method.
- 3. The Test report shall not be reproduced, without the written approval of laboratory.

m Pal

Authorised Signatory









Email: ecocareasansol@rediffmail.com

Manoj Talkies Basement, Kumarpur

Asansol - 713304

Dist. Paschim Bardhaman (W.B.)

Specialised House on Environmental Monitoring, Analysis, Assessment & Management ISO 9001:2015 Certified, OHSAS 45001:2018 Certified

ULR NO - TC510923000000779F

Format No. : EC/TRT/42/FM/02

TEST REPORT

Report Release Date : 08.06.2023 Sample Ref. No.(ARF) : EC/ARF/29/230604 Test Report No : EC/TR/42/06008 Source of Sample : Steel Plant Type of Sample : Suspended Dust & Gases Sampling Date : 05.06.2023 Sample Collected by : Mr. Sumit Sarkar & Team Period of Analysis : 06.06.23 to 07.06.23 Sample Details : Fugitive Air Sample Condition : Sealed & Preserved Name & Address : Maithan Steel & Power Limited Remarks . ____ Sampling Plan & (Unit - II) Procedure : EC/SOP/03/01 Vill & Mouza – Nakrajoria P.O & P.S - Salanpur Sample Drawn By : ECO CARE Dist - Paschim Barddhaman Deviation if any : None West Bengal, Pin No - 713357

METEOROLOGICAL INFORMATION

Taraba and the same of the sam	1	Average Temperature	33.9 °C	2	Barometric Pressure	754 mm Hg
The second second second	3	Average Relative Humidity	39.0 %	4	Weather Condition	Clear Day

SI. No.	* Parametrs	Test Method	Results
1	Concentration of Suspended Particulate Matter	IS: 5182 (Part – 4)	352.99 μg/M ³
4. 5	ampling Location : Near Gate No. 2		
1			
SI. No.	Parametrs	Test Method	Results

- 1. Test values are reported based on the samples received.
- 2. Sample(s) will be destroyed after 7 days from date of issues of the Test Report subject to nature of Preservation. Sample will be preserved as per the standard method.
- 3. The Test report shall not be reproduced, without the written approval of laboratory.

moral

Authorised Signatory









Email: ecocareasansol@rediffmail.com

Asansol - 713304 Dist. Paschim Bardhaman (W.B.)

Manoj Talkies Basement, Kumarpur

Format No.: EC/TRT/42/FM/02

: None

Specialised House on Environmental Monitoring, Analysis, Assessment & Management

ISO 9001:2015 Certified, OHSAS 45001:2018 Certified

West Bengal - 713357

ULR NO - TC510923000001150F

TEST REPORT

Report Release Date Test Report No Type of Sample	: EC/TR/42/09025 : Suspended Dust & Gases	Sample Ref. No.(ARF) Source of Sample Sampling Date	: EC/ARF/29/230910 : Steel Plant : 11.09.23 to 12.09.23
Sample Collected by Sample Details	: Mr. Binod Singh & Team : Fugitive Air	Period of Analysis	: 13.09.23 to 14.09.23
Name & Address	: Maithan Steel & Power Limited	Sample Condition Remarks	: Sealed & Preserved :
	(Unit – II)	Sampling Plan &	
	Viillage & Mouza – Nakrajoria	Procedure	: EC/SOP/03/01
	PO & PS – Salanpur	Sample Drawn By	: ECO CARE
	Dist – Paschim Bardhaman	Deviation if any	: None

METEOROLOGICAL INFORMATION

1	Average Temperature	28.8° C	2	Barometric Pressure	755 mm Hg
3	Average Relative Humidity	84.0%	4	Weather Condition	Clear Day

SI. No.	Parametrs	Test Method	Results
1	Concentration of Suspended Particulate Matter	IS: 5182 (Part – 4)	423.84 μg/m³
. S	ampling Location : Near SMS Area		*
01			
SI. No.	Parametrs	Test Method	Results

- 1. Test values are reported based on the samples received.
- 2. Sample(s) will be destroyed after 7 days from date of issues of the Test Report subject to nature of Preservation. Sample will be preserved as per the standard method.
- 3. The Test report shall not be reproduced, without the written approval of laboratory.

Authorised Signatory





Report Release Date





Phone: (0341) 2252011

Email: ecocareasansol@rediffmail.com

Manoj Talkies Basement, Kumarpur

Asansol - 713304

Dist. Paschim Bardhaman (W.B.)

Specialised House on Environmental Monitoring, Analysis, Assessment & Management ISO 9001:2015 Certified, OHSAS 45001:2018 Certified Format No.: EC/TRT/42/FM/02

ULR NO - TC510923000001151F

TEST REPORT

: 19.09.2023 Sample Ref. No.(ARF) : EC/ARF/29/230910

Test Report No : EC/TR/42/09026 Source of Sample : Steel Plant Type of Sample : Suspended Dust & Gases Sampling Date : 11.09.23 to 12.09.23 Sample Collected by : Mr. Binod Singh & Team Period of Analysis : 13.09.23 to 14.09.23 Sample Details : Fugitive Air Sample Condition : Sealed & Preserved

Name & Address : Maithan Steel & Power Limited Remarks

(Unit - II) Sampling Plan &

Procedure Village & Mouza - Nakrajoria : EC/SOP/03/01 PO & PS - Salanpur Sample Drawn By : ECO CARE Dist - Paschim Bardhaman Deviation if any : None West Bengal – 713357

METEOROLOGICAL INFORMATION

1	Average Temperature	29.0°C	2	Barometric Pressure	755 mm Hg
3	Average Relative Humidity	84.0%	4	Weather Condition	Clear Day

SI. No.	Parametrs	Test Method	Results	
1	Concentration of Suspended Particulate Matter	IS: 5182 (Part – 4)	349.63 μg/m³	
4. S	ampling Location : Gate No. 2			
SI.	Parametrs	Test Method	Results	
No.	a a a m c t i s	rest traction	1000010	

- 1. Test values are reported based on the samples received.
- 2. Sample(s) will be destroyed after 7 days from date of issues of the Test Report subject to nature of Preservation. Sample will be preserved as per the standard method.
- 3. The Test report shall not be reproduced, without the written approval of laboratory.

Authorised Signatory

Dr. Mousumi Pal Ph.D.(Env.), Scientist





AMBIENT AIR QUALITY (AAQ) MONITORING REPORT





Report Release Date





Format No.: EC/TRT/42/FM/04

Phone: (0341) 2252011

Email : ecocareasansol@rediffmail.com

Manoj Talkies Basement, Kumarpur

Asansol - 713304

Dist. Paschim Bardhaman (W.B.)

Specialised House on Environmental Monitoring, Analysis, Assessment & Management ISO 9001:2015 Certified, OHSAS 45001:2018 Certified

ULR NO - TC510923000001148F

: 19.09.2023

TEST REPORT

Sample Ref. No.(ARF) : EC/ARF/29/230910

Test Report No : EC/TR/42/09023 | Source of Sample : Steel Plant

Type of Sample : Suspended Dust & Gases Sampling Date : 11.09.23 to 12.09.23 Sample Collected by Sample Details : Ambient Air Sample Condition : Sealed & Preserved : Sample Condition : Sealed & Preserved : 12.09.23 to 12.09.23 to 14.09.23 to 14.0

Name & Address

: Ambient Air

: Sample Condition

: Sealed & Preserved

Remarks

: ----

(Unit – II) Sampling Plan &

Village & Mouza – Nakrajoria Procedure : EC/SOP/03/01 PO & PS – Salanpur Sample Drawn By : ECO CARE

Dist – Paschim Bardhaman
West Bengal - 713357

Deviation if any : None

METEOROLOGICAL INFORMATION

***************************************	1	Average Temperature 29.0°C		2	Barometric Pressure 755 mm Hg		
A. C.	3	Average Relative Humidity	85.0%	4	Weather Condition	Clear Day	

TEST METHOD	IS: 5182 (Part - 2)	IS: 5182 (Part - 6)	IS: 5182 (Part – 23)	EPA CFR40 (pt 50), Appendix1 PM _{2.5} (µg/m ³)	
PARAMETERS	$SO_2 (\mu g/m^3)$	$NO_x (\mu g/m^3)$	PM ₁₀ (μg/m ³)		
Method Detection Limit	5	8			
Industrial Area Standard Limit	80	80	100		
1. Sampling Location : Near Main	Gate (Inside of t	he Plant)			
Shift - A (09:30 AM To 05:30 PM)	35.71	38.28	82.07		
Shift - B (05:40 PM To 01:40 AM)	22.32	27.44	65.42		
Shift - C (01:50 AM To 09:50 AM)	26.79	34.21	76.28	38.74	
Average (Shift - A To Shift - C)	28.27	33.31	74.59		

- 1. Test values are reported based on the samples received.
- 2. Sample(s) will be destroyed after 7 days from date of issues of the Test Report subject to nature of Preservation. Sample will be preserved as per the standard method.
- 3. The Test report shall not be reproduced, without the written approval of laboratory.

mPal

Authorised Signatory









Email: ecocareasansol@rediffmail.com

Manoj Talkies Basement, Kumarpur Asansol - 713304

Dist. Paschim Bardhaman (W.B.)

Specialised House on Environmental Monitoring, Analysis, Assessment & Management ISO 9001:2015 Certified, OHSAS 45001:2018 Certified

ULR NO - TC510923000001149F

Format No.: EC/TRT/42/FM/04

TEST REPORT

Report Release Date : 19.09.2023 Sample Ref. No.(ARF) : EC/ARF/29/230910
Test Report No : EC/TR/42/09024 Source of Sample : Steel Plant

Type of Sample : Suspended Dust & Gases
Sample Collected by : Mr. Binod Singh & Team

Sample Details : Ambient Air

Name & Address : Maithan Steel & Power Limited

(Unit - II)

Village & Mouza - Nakrajoria

PO & PS – Salanpur Dist – Paschim Bardhaman West Bengal – 713357 Source of Sample : Steel Plant Sampling Date : 11.09.23 to

Sampling Date : 11.09.23 to 12.09.23
Period of Analysis : 13.09.23 to 14.09.23
Sample Condition : Sealed & Preserved

.

Remarks Sampling Plan &

Procedure : EC/SOP/03/01 Sample Drawn By : ECO CARE

Deviation if any : None

METEOROLOGICAL INFORMATION

1	Average Temperature	29.0°C	2	Barometric Pressure	755 mm Hg
3	Average Relative Humidity	85.0 %	4	Weather Condition	Clear Day

TEST METHOD	IS: 5182 (Part - 2)	IS: 5182 (Part – 6)	IS: 5182 (Part – 23)	EPA CFR40 (pt 50), Appendix1
PARAMETERS	$SO_2(\mu g/M^3)$	$NO_x (\mu g/M^3)$	$PM_{10} (\mu g/M^3)$	PM _{2.5} (μg/M ³)
Method Detection Limit	5	8	20	10
Industrial Area Standard Limit	80	80	100	60
1. Sampling Location : Near Salan	pur Village (Out	Side of the Plant	t)	
Shift - A (08:40 AM To 04:40 PM)	26.79	32.86	75.12	
Shift - B (04:50 PM To 12:50 AM)	13.39	21.34	62.26	
Shift - C (01:00 AM To 09:00 AM)	22.32	28.12	71.58	31.28
Average (Shift - A To Shift - C)	20.83	27.44	69.65	
2. Sampling Location: Near Nakra	ijoria Village (O	ut Side of the Pla	nt)	
Shift - A (09:20 AM To 05:20 PM)	31.25	35.57	73.24	
Shift - B (05:30 PM To 01:30 AM)	17.86	26.08	59.06	
Shift - C (1:40 AM To 09:40 AM)	26.79	33.54	68.39	34.46
Average (Shift - A To Shift - C)	25.30	31.73	66.90	
3. Sampling Location: Near Dendu	a Village (Out S	ide of the Plant)		
Shift - A (10:00 AM To 06:00 PM)	22.32	27.44	69.18	
Shift - B (06:10 PM To 02:10 AM)	08.93	16.60	54.70	
Shift - C (02:20 AM To 10:20 AM)	13.39	23.37	66.82	28.52
Average (Shift - A To Shift - C)	14.88	22.47	63.57	

- 1. Test values are reported based on the samples received.
- 2. Sample(s) will be destroyed after 7 days from date of issues of the Test Report subject to nature of Preservation. Sample will be preserved as per the standard method.
- 3. The Test report shall not be reproduced, without the written approval of laboratory.



Authorised Signatory
Dr. Mousumi Pal
Ph.D.(Env.), Scientist
Authorised Signatory





Email: ecocareasansol@rediffmail.com

Manoj Talkies Basement, Kumarpur

Asansol - 713304 Dist. Paschim Bardhaman (W.B.)

Specialised House on Environmental Monitoring, Analysis, Assessment & Management ISO 9001:2015 Certified, OHSAS 45001:2018 Certified

ULR NO - TC510923000001586P

TEST REPORT

Report Release Date : 15.09.2023 Sample Ref. No.(ARF) : EC/ARF/29/230910 Test Report No : EC/TR/42/09300 Source of Sample : Steel Plant Type of Sample : Suspended Dust & Gases Sampling Date : 11.09.23 to 12.09.23 Sample Collected by : Mr. Sumit Sarkar & Team Period of Analysis : 12.09.23 to 13.09.23 Sample Details : Ambient Air Sample Condition : Sealed & Preserved Name & Address : Maithan Steel & Power Limited Remarks Sample Drawn By (Unit - II) : ECO CARE Deviation if any : None Village & Mouza - Nakrajoria PO & PS – Salanpur Dist - Paschim Bardhaman

METEOROLOGICAL INFORMATION

1	Average Temperature	29.0°C	2	Barometric Pressure	755 mm Hg
3	Average Relative Humidity	85.0%	4	Weather Condition	Clear Day

CARBON MONOXIDE ANALYSIS REPORT

West Bengal - 713357

. Sampling Location : Sala	npur Village (Out Side	of the Plant)		
PARAMETERS	TEST METHOD	UNIT	RESIDENTIAL,RURAL & OTHER AREAS STANDARD LIMIT	RESULT
Carbon Monoxide (CO)	NDIR SPEYCTROSCOP	mg/m³	4	0.117

Sampling Location: Nak	rajoria Village (Out Sid	le of the Plan	nt)	
PARAMETERS	TEST METHOD	UNIT	RESIDENTIAL,RURAL & OTHER AREAS STANDARD LIMIT	RESULT
Carbon Monoxide (CO)	NDIR SPEYCTROSCOP	mg/m³	4	0.121

3. Sampling Location: Den	dua Village (Out Side o	f the Plant)		
PARAMETERS	TEST METHOD	UNIT	RESIDENTIAL,RURAL & OTHER AREAS STANDARD LIMIT	RESULT
Carbon Monoxide (CO)	NDIR SPEYCTROSCOP	mg/m³	4	0.124

4. Sampling Location: Near	Main Gate (Inside of t	he Plant)		
PARAMETERS	TEST METHOD	UNIT	INDUSTRIAL AREA STANDARD LIMIT	RESULT
Carbon Monoxide (CO)	NDIR SPEYCTROSCOP	mg/m³	10	0.172

- 1. Test values are reported based on the samples received.
- 2. Sample(s) will be destroyed after 7 days from date of issues of the Test Report subject to nature of Preservation. Sample will be preserved as per the standard method.
- 3. The Test report shall not be reproduced, without the written approval of laboratory.



Authorised Signatory



CORPORATE RESPONSIBILITY ON ENVIRONMENTAL PROTECTION (CREP)



CORPORATE RESPONSIBILITY FOR ENVIRONMENTAL PROTECTION (CREP)

Sr.	l'annual de l'annu	Action Plan
No	, , , , , , , , , , , , , , , , , , ,	
1.	Steel Melting Shop Fugitive emissions— To reduce 30% by March, 2004 and 100% by March, 2008 (including installation of secondary Dedusting facilities).	To mitigate the fugitive emission movable water tanker & fixed water sprinklers have been used inside the plant premises and dedicated manpower is continuously engaged to control the fugitive emission inside the plant premises. Fugitive Emissions are monitored Near Raw Material Shed and near SMS area by third party monitoring agency which is NABL accredited laboratory. As per the fugitive emission monitoring reports submitted, fugitive emissions were monitored in the month of September, 2023.
2.	Solid Waste/ Hazardous Was	
	Utilization of Steel Melting shop (SMS)/ Blast Furnace (BF) Slag as per the following schedule: By 2004–70% By 2006–80% and By 2007–100%	 SMS Slag, scales and dust collected in bag filter forms the solid waste. SMS Slag is given for metal recovery and then it can be replaced 30% concrete aggregate & landfill after iron recovery. For the proposed expansion of Steel Melting Shop, same practice will be adopted in future. Mill scales/ end cuts, rolling Mill scrap & missed roll will be generated from the rolling mill. Mill scales will be reused in SMS plant.
2	Hazardous Wastes	
	Inventorization of the Hazardous waste as per Hazardous Waste (M&H). Rules, 1989 as amended in 2000 and implementation of the Rules by Dec. 2003. (tar sludge, acid sludge, waste Lubricating oil and type fuel	Hazardous Waste Authorization certificate is obtained from concerned department of WBPCB. Authorization memo no: 10/2S (HW)- 4406/ 2020 dated 28.01.2021, which is valid up to 30.10.2025. Used oil is sold to WBPCB authorized recycler (Here, i.e., BA.MA oil industries) and cotton waste/ Jute containing oil is sent CHWTSDF (Here, i.e. West Bengal Waste Management Limited) and it has been also mentioned in the submitted Hazardous Waste annual return (Form IV for the 2021-22 financial year) to the
	falls in the category of Hazardous waste).	West Bengal Pollution Control Board through online portal vide Return No. 939057 for the period 2020-21 and 2313765 for 2021-22 financial year. The same will be submitted to WBPCB.
3.	Water Conservation/ Water Po	ollution
	To reduce specific water consumption to 5 m ³ /t for long products and 8 m ³ /t for flat products by December 2005.	 The plant is completely based on 'Zero Liquid Discharge'. Steel Melting Shop: Steel making through Induction Furnace and billet casting is dry process where no water is consumed in process. Only noncontact cooling water is required to maintain the desired temperature of furnace shell, casting shell and moulds. Make-up water is being/ will be added to cooling tower to compensate for evaporation loss. The lubricant is skimmed from the settling tank periodically and sold to authorized recyclers. The water is being/ will be allowed to return to ambient temperature and reused for cooling purpose. Only make-up water is added. For the proposed expansion of Steel Melting Shop, same practice will be adopted in future.
		■ Rolling Mill: Direct circulating cooling water used in rolling mill is

contaminated with scales and traces of oil. Mill scales from Rolling Mill will be carried away with the flowing water to the settling tank. It will be collected by EOT crane periodically and taken to SMS plant for reuse. End cuts from Rolling

7.	performance of industry toward	os to adopt the following clean technologies measures to improve the s production, energy and environment.
	December, 2003.	
6	To implement the recommendations of Life Cycle Assessment (LCA) study	Life Cycle Assessment (LCA) study is implemented for the existing plant and the same will be done for the proposed plant.
5.	To operate the existing pollution control equipment efficiently and to keep proper record of run hours, failure time and efficiency with immediate effect. Compliance report in this regard is submitted to CPCB/ SPCB every three months.	■ The Online Continuous Emission Monitoring System (OCEMS) is installed with the process stack connected with currently operational 4x15T IF & 3x20T IF as per CPCB guidelines and the 24x7 online data is transferred to CPCB server through online portal. The OCEMS data for the six monthly period (April, 2022 to September, 2023) is submitted to West Bengal Pollution Control Board, Central Pollution Control Board & Regional Office of MoEF&CC, New Delhi.
4.	Installation of Continuous stacks monitoring system & its calibration in major stacks and setting up of the online ambient air quality monitoring stations by June, 2005.	The Online Continuous Emission Monitoring System (OCEMS) is installed with the process stack connected with currently operational 4x15T IF & 3x20T IF as per CPCB guidelines and the 24x7 online data is transferred to CPCB server through online portal.
		 100 KLD). Continuous attempt is being made to optimize/ reduce the use of water through monitoring, reuse, recycle practices. Record of water consumption on daily basis will be maintained as per present practice.
		 The CT blow down along with all other primary treated wastewater streams with high TDS levels are being/ will be used for road dust suppression. Domestic waste water is being reused for developing greenbelt and dust suppression system after treatment in the Sewage Treatment Plant (Capacity
		Protective Coating Workshop: In the Protective Coating Workshop, for Fusion Bonded Epoxy Coating, the water used for cooling of coated bars will be reused in the process and in the Anodic Zinc Coating Method, water will be used for cleaning and rinsing which will be reused in the process.
		 Cold Drawing Workshop: Water is not required in the process or for cooling purpose in Cold Drawing Workshop. Slag Crushing Unit: Treated water from STP will be used for dust suppression to control the fugitive emission.
		Mill are reused in IF. The lubricant is skimmed from the settling tank periodically and sold to authorized recyclers. The water is allowed to return to ambient temperature and reused for cooling purpose. Only make-up water is added. For the proposed expansion of Rolling Mill, same practice will be adopted in future.



De- dusting of Cast house at tap holes, runners, skimmers ladle and charging points.	j i i i i i i i i i i i i i i i i i i i
To study the possibility of slag and fly ash transportation back to the abandoned mines, to the abandoned mines, to fill up the cavities through empty railway wagons while they return back to the mines and its implementation.	aggregate & landfill after iron recovery. For the proposed expansion of Steel Melting Shop, same practice will be adopted in future. Fly ash is not generated from this plant.
Processing of the waste containing flux & ferrous wastes through waste recycling plant.	Not Applicable Here
To implement rainwater harvesting	Rain water harvesting system is being implemented. The rain water is being collected in the roof top catchment area and stored in reservoir.
Reduction Green House Gase	
Reduction in power consumption	Agreed
Use of by-products gases for power generation	Not Applicable Here
Promotion of Energy Optimization technology Including energy/ audit	Noted
To set targets for Resource Conservation such as Raw material, energy and water consumption to match International Standards.	Already complied with the International standards.
Up-gradation in the monitoring and analysis facilities for air and water pollution. Also, to impart elaborate training to the manpower so that realistic data is obtained in the environmental monitoring laboratories.	Already complied
To Improve overall nousekeeping.	Noted



ANNEXURE - VI

PRE & POST MONSOON GROUND WATER QUALITY REPORT







Email: ecocareasansol@rediffmail.com
Manoj Talkies Basement, Kumarpur
Asansol - 713304
Dist. Paschim Bardhaman (W.B.)

Specialised House on Environmental Monitoring, Analysis, Assessment & Management ISO 9001:2015 Certified, OHSAS 45001:2018 Certified

ULR NO - TC510923000001575F

Format No.: EC/TRT/42/FM/06

TEST REPORT

Report Release Date : 19.09.2023 Sample Ref. No.(ARF) : EC/ARF/29/230910 Test Report No : EC/TR/42/09289 Source of Sample : Steel Plant Type of Sample : Ground Water Sampling Date : 11.09.2023 Sample Collected by : Mr. Sumit Sarkar Period of Analysis : 11.09.23 to 12.09.23 Sample Details : Bore Well Sampling Location : Dendua Village Name & Address : Maithan Steel & Power Limited Sample Condition : Sealed & Preserved (Unit - II) Sample Stamped as : MSPL - 120 Village & Mouza – Nakrajoria Sample Drawn By : ECO CARE PO & PS – Salanpur Remarks Dist - Paschim Bardhaman Sampling Plan &

West Bengal – 713357 Procedure : EC/SOP/03/01
Deviation if any : None

SI. No.	Parameters	Unit	Test Method (IS & APHA 23 rd Edition)	Standards (IS:10500)	Results
1	pH at 25.4°C		4500-H ⁺ B	6.5 – 8.5	7.23
2	TDS	mg/l	2540 C	500.0	324.70
3	Turbidity	NTU	2130 B	1.0	< 1.00
4	Total Alkalinity (as CaCO ₃)	mg/l	2320 B	200.0	114.33
5	Chloride (as Cl)	mg/l	4500 – Cl ⁻ B	250.0	22.99
6	Calcium (as Ca)	mg/l	3500 – Ca B	75.0	35.98
7	Total Chromium	mg/l	IS 3025 (Part-52):2003	0.05	< 0.03
8	Total Hardness (as CaCO ₃)	mg/l	2340 C	200.0	124.44
9	Iron (as Fe)	mg/l	3500 – Fe B	0.3	0.09
10	Sulphate (as SO ₄)	mg/l	$4500 - SO_4^{2-}E$	200.0	19.26
11	Magnesium (as Mg)	mg/l	3500 – Mg B	30.0	8.42
12	Arsenic	mg/l	IS 3025 (Part-37)	0.01	< 0.01
13	Colour	Hazen	2120B	5.0	< 5.0
14	Fluoride (as F)	mg/l	4500F– B & D	1.0	0.21
15	Nitrate (as NO ₃)	mg/l	4500 – NO ₃ B	45.0	1.54
16	Chlorine Residual	mg/l	IS 3025 (Part-26)	0.2	< 0.50

- 1. Test values are reported based on the samples received.
- 2. Sample(s) will be destroyed after 7 days from date of issues of the Test Report subject to nature of Preservation. Sample will be preserved as per the standard method.
- 3. The Test report shall not be reproduced, without the written approval of laboratory.

KOLKATA RELATIONS

Authorised Signatory







Email: ecocareasansol@rediffmail.com

Manoj Talkies Basement, Kumarpur

Asansol - 713304

Dist. Paschim Bardhaman (W.B.)

Specialised House on Environmental Monitoring, Analysis, Assessment & Management ISO 9001:2015 Certified, OHSAS 45001:2018 Certified

ULR NO - TC510923000001576F

Format No.: EC/TRT/42/FM/06

TEST REPORT

Report Release Date : 19.09.2023 Test Report No Type of Sample Sample Collected by Sample Details

Name & Address

: EC/TR/42/09290 : Ground Water : Mr. Sumit Sarkar

: Bore Well

: Maithan Steel & Power Limited

(Unit - II)

Village & Mouza – Nakrajoria

PO & PS - Salanpur Dist - Paschim Bardhaman West Bengal – 713357

Sample Ref. No.(ARF) : EC/ARF/29/230910 Source of Sample : Steel Plant

Sampling Date : 11.09.2023 Period of Analysis : 11.09.23 to 12.09.23 Sampling Location : Salanpur Village

Sample Condition : Sealed & Preserved Sample Stamped as : MSPL - 121 Sample Drawn By : ECO CARE

: ----

Remarks Sampling Plan &

Procedure : EC/SOP/03/01

Deviation if any : None

SI. No.	Parameters	Unit	Test Method (IS & APHA 23 rd Edition)	Standards (IS:10500)	Results
1	pH at 25.8 °C		4500-H ⁺ B	6.5 – 8.5	7.12
2	TDS	mg/l	2540 C	500.0	297.30
3	Turbidity	NTU	2130 B	1.0	< 1.00
4	Total Alkalinity (as CaCO ₃)	mg/l	2320 B	200.0	109.18
5	Chloride (as CI)	mg/l	4500 – Cl ⁻ B	250.0	28.86
6	Calcium (as Ca)	mg/l	3500 – Ca B	75.0	36.79
7	Total Chromium	mg/l	IS 3025 (Part-52):2003	0.05	< 0.03
8	Total Hardness (as CaCO ₃)	mg/l	2340 C	200.0	118.32
9	Iron (as Fe)	mg/l	3500 – Fe B	0.3	0.11
10	Sulphate (as SO ₄)	mg/l	4500 – SO ₄ ²⁻ E	200.0	25.76
11	Magnesium (as Mg)	mg/l	3500 – Mg B	30.0	6.44
12	Arsenic	mg/l	IS 3025 (Part-37)	0.01	< 0.01
13	Colour	Hazen	2120B	5.0	< 5.0
14	Fluoride (as F)	mg/l	4500F- B & D	1.0	0.16
15	Nitrate (as NO ₃)	mg/l	4500 – NO ₃ B	45.0	1.48
16	Chlorine Residual	mg/l	IS 3025 (Part-26)	0.2	< 0.50

1. Test values are reported based on the samples received.

2. Sample(s) will be destroyed after 7 days from date of issues of the Test Report subject to nature of Preservation. Sample will be preserved as per the standard method.

3. The Test report shall not be reproduced, without the written approval of laboratory.

Authorised Signatory







Email: ecocareasansol@rediffmail.com

Manoj Talkies Basement, Kumarpur

Asansol - 713304

Dist. Paschim Bardhaman (W.B.)

Specialised House on Environmental Monitoring, Analysis, Assessment & Management ISO 9001:2015 Certified, OHSAS 45001:2018 Certified

ULR NO - TC510923000001577F

Format No.: EC/TRT/42/FM/06

TEST REPORT

Report Release Date Test Report No

: 19.09.2023 : EC/TR/42/09291

: Ground Water

Sample Collected by Sample Details Name & Address

Type of Sample

: Mr. Sumit Sarkar : Bore Well

: Maithan Steel & Power Limited

(Unit - II)

Village & Mouza - Nakrajoria

PO & PS - Salanpur Dist - Paschim Bardhaman West Bengal - 713357

Sample Ref. No.(ARF) : EC/ARF/29/230910 Source of Sample : Steel Plant

Sampling Date

: 11.09.2023

Period of Analysis Sampling Location Sample Condition

: 11.09.23 to 12.09.23 : Nakrajoria Village : Sealed & Preserved

Sample Stamped as Sample Drawn By

: MSPL - 122 : ECO CARE

Remarks

: ----

Sampling Plan & Procedure

: EC/SOP/03/01

Deviation if any : None

SI. No.	Parameters	Unit	Test Method (IS & APHA 23 rd Edition)	Standards (IS:10500)	Results
1	pH at 25.4°C		4500-H ⁺ B	6.5 – 8.5	7.31
2	TDS	mg/l	2540 C	500.0	286.40
3	Turbidity	NTU	2130 B	1.0	< 1.00
4	Total Alkalinity (as CaCO ₃)	mg/l	2320 B	200.0	101.97
5	Chloride (as Cl)	mg/l	4500 – Cl ⁻ B	250.0	23.97
6	Calcium (as Ca)	mg/l	3500 – Ca B	75.0	27.80
7	Total Chromium	mg/l	IS 3025 (Part-52):2003	0.05	< 0.03
8	Total Hardness (as CaCO ₃)	mg/l	2340 C	200.0	99.96
9	Iron (as Fe)	mg/l	3500 – Fe B	0.3	0.12
10	Sulphate (as SO ₄)	mg/l	$4500 - SO_4^{2-}E$	200.0	20.25
11	Magnesium (as Mg)	mg/l	3500 – Mg B	30.0	7.44
12	Arsenic	mg/l	IS 3025 (Part-37)	0.01	< 0.01
13	Colour	Hazen	2120B	5.0	< 5.0
14	Fluoride (as F)	mg/l	4500F– B & D	1.0	0.26
15	Nitrate (as NO ₃)	mg/l	4500 – NO ₃ B	45.0	1.12
16	Chlorine Residual	mg/l	IS 3025 (Part-26)	0.2	< 0.50

1. Test values are reported based on the samples received.

2. Sample(s) will be destroyed after 7 days from date of issues of the Test Report subject to nature of Preservation. Sample will be preserved as per the standard method.

3. The Test report shall not be reproduced, without the written approval of laboratory.

Authorised Signatory Dr. Mousumi Pal Ph.D.(Env.), Scientist Authorised Signatory



EFFLUENT WATER QUALITY ANALYSIS REPORT









Email: ecocareasansol@rediffmail.com

Manoj Talkies Basement, Kumarpur Asansol - 713304

Dist. Paschim Bardhaman (W.B.)

Specialised House on Environmental Monitoring, Analysis, Assessment & Management ISO 9001:2015 Certified, OHSAS 45001:2018 Certified

ULR No - TC510923000001580F

Format No.: EC/TRT/42/FM/05

TEST REPORT

Report Release Date

Test Report No

: 19.09.2023

Type of Sample

Sample Collected by

Sample Details Name & Address : EC/TR/42/09294

: Water

: Mr. Sumit Sarkar : Effluent Water

(Unit - II)

PO & PS - Salanpur

: Maithan Steel & Power Limited

Village & Mouza - Nakrajoria

Dist. Paschim Bardhaman West Bengal - 713357

Sample Ref. No.(ARF) : EC/ARF/29/230910 : Steel Plant

Source of Sample Sampling Date

: 11.09.2023

Period of Analysis Sampling Location

: 11.09.23 to 14.09.23 : STP Inlet

Sample Condition

: Sealed & Preserved

Sample Stamped as Sample Drawn By

: "SS - 126" : ECO CARE

Remarks

Sampling Plan &

: EC/SOP/03/01

Procedure Deviation if any

: None

SI. No	Parameters	Unit	Test Method (APHA 23 rd Edition)	Standards (EPR 1986 & IS 2296:1982)	Results
1	pH at 26.1 °C		4500-H ⁺ B	5.5 – 9.0	7.86
2	TSS	mg/l	2540 D	100.0	109.70
3	BOD (3 days) at 27.0 °C	mg/l	IS 3025 (Part - 44): 1993	30.0	84
4	COD	mg/l	5220 B	250.0	288.84
5	Oil & Grease	mg/l	5520 B	10.0	6.27

1. Test values are reported based on the samples received.

2. Sample(s) will be destroyed after 7 days from date of issues of the Test Report subject to nature of Preservation. Sample will be preserved as per the standard method.

3. The Test report shall not be reproduced, without the written approval of laboratory.

Authorised Signatory







Email: ecocareasansol@rediffmail.com

Manoj Talkies Basement, Kumarpur Asansol - 713304

Dist. Paschim Bardhaman (W.B.)

Specialised House on Environmental Monitoring, Analysis, Assessment & Management ISO 9001:2015 Certified, OHSAS 45001:2018 Certified

Format No.: EC/TRT/42/FM/05

ULR No - TC510923000001581F

TEST REPORT

Report Release Date : 19.09.2023 Test Report No : EC/TR/42/09295

Type of Sample

Sample Collected by Sample Details

: Water : Mr.Sumit Sarkar

: Effluent Water

Name & Address

(Unit - II)

PO & PS - Salanpur

: Maithan Steel & Power Limited

Village & Mouza - Nakrajoria

Dist. Paschim Bardhaman West Bengal - 713357

Sample Ref. No.(ARF) : EC/ARF/29/230910 : Steel Plant

Source of Sample Sampling Date

: 11.09.2023 Period of Analysis : 11.09.23 to 12.09.23

Sampling Location : STP Outlet

Sample Condition : Sealed & Preserved Sample Stamped as : "SS - 127"

Sample Drawn By Remarks

: ECO CARE : ----

Sampling Plan &

: EC/SOP/03/01 Procedure : None

Deviation if any

SI. No	Parameters	Unit	Test Method (APHA 23 rd Edition)	Standards (EPR 1986 & IS 2296:1982)	Results
1	pH at 25.8 °C		4500-H ⁺ B	5.5 – 9.0	7.14
2	TSS	mg/l	2540 D	100.0	26.90
3	BOD (3 days) at 27.0 °C	mg/I	IS 3025 (Part - 44): 1993	30.0	19
4	COD	mg/l	5220 B	250.0	69.72
5	Oil & Grease	mg/l	5520 B	10.0	2.68

1. Test values are reported based on the samples received.

2. Sample(s) will be destroyed after 7 days from date of issues of the Test Report subject to nature of Preservation. Sample will be preserved as per the standard method.

3. The Test report shall not be reproduced, without the written approval of laboratory.

Authorised Signatory

ANNEXURE - VIII

DRINKING WATER QUALITY ANALYSIS REPORT









Email: ecocareasansol@rediffmail.com

Manoj Talkies Basement, Kumarpur Asansol - 713304

Dist. Paschim Bardhaman (W.B.)

Specialised House on Environmental Monitoring, Analysis, Assessment & Management ISO 9001:2015 Certified, OHSAS 45001:2018 Certified

ULR NO - TC510923000001578F

Format No.: EC/TRT/42/FM/06

TEST REPORT

Report Release Date Test Report No

Sample Collected by

: 19.09.2023

: EC/TR/42/09292

: Ground Water : Mr.Sumit Sarkar

Sample Details

Type of Sample

: Bore Well

Name & Address

: Maithan Steel & Power Limited

(Unit - II)

Village & Mouza – Nakrajoria

PO & PS - Salanpur Dist - Paschim Bardhaman West Bengal – 713357

Sample Ref. No.(ARF) : EC/ARF/29/230910 Source of Sample

: Steel Plant

Sampling Date

: 11.09.2023

Period of Analysis Sampling Location

: 11.09.23 to 13.09.23 : Near Canteen

Sample Condition Sample Stamped as

: Sealed & Preserved

Sample Drawn By

: MSPL - 123 : ECO CARE

Remarks

: ----

Sampling Plan & Procedure

: EC/SOP/03/01

Deviation if any

SI. No.	Parameters	Unit	Test Method (IS & APHA 23 rd Edition)	Standards (IS:10500)	Results
1	pH at 25.9 °C		4500-H ⁺ B	6.5 – 8.5	7.38
2	TDS	mg/l	2540 C	500.0	342.60
3	Turbidity	NTU	2130 B	1.0	< 1.00
4	Total Alkalinity (as CaCO ₃)	mg/l	2320 B	200.0	126.69
5	Chloride (as Cl)	mg/l	4500 – Cl ⁻ B	250.0	39.25
6	Calcium (as Ca)	mg/l	3500 – Ca B	75.0	35.16
7	Total Chromium	mg/l	IS 3025 (Part-52):2003	0.05	< 0.03
8	Total Hardness (as CaCO ₃)	mg/l	2340 C	200.0	120.36
9	Iron (as Fe)	mg/l	3500 – Fe B	0.3	0.11
10	Sulphate (as SO ₄)	mg/l	4500 – SO ₄ ²⁻ E	200.0	33.26
11	Magnesium (as Mg)	mg/l	3500 – Mg B	30.0	7.93
12	Arsenic	mg/l	IS 3025 (Part-37)	0.01	< 0.01
13	Colour	Hazen	2120B	5.0	< 5.0
14	Fluoride (as F)	mg/l	4500F- B & D	1.0	0.23
15	Nitrate (as NO ₃)	mg/l	4500 – NO ₃ B	45.0	2.04
16	Chlorine Residual	mg/l	IS 3025 (Part-26)	0.2	< 0.50

1. Test values are reported based on the samples received.

Sample(s) will be destroyed after 7 days from date of issues of the Test Report subject to nature of Preservation. Sample will be preserved as per the standard method.

3. The Test report shall not be reproduced, without the written approval of laboratory.

Authorised Signatory





Email: ecocareasansol@rediffmail.com

Manoj Talkies Basement, Kumarpur Asansol - 713304

Dist. Paschim Bardhaman (W.B.)

Specialised House on Environmental Monitoring, Analysis, Assessment & Management ISO 9001:2015 Certified, OHSAS 45001:2018 Certified

ULR NO - TC510923000001578P

TEST REPORT (Part – B)

Report Release Date : 19.09.2023 Sample Ref. No.(ARF) : EC/ARF/29/230323 Test Report No : EC/TR/42/09292 Source of Sample : Steel Plant Type of Sample : Ground Water Sampling Date : 11.09.2023 Sample Collected by : Mr. Sumit Sarkar Period of Analysis : 11.09.23 to 13.09.23 Sample Details : Bore Well Sampling Location : Near Canteen Name & Address : Maithan Steel & Power Limited Sample Condition : Sealed & Preserved (Unit - II) Sample Stamped as : MSPL - 123 Village & Mouza - Nakrajoria Sample Drawn By : ECO CARE PO & PS - Salanpur Remarks ; ----Dist - Paschim Bardhaman Deviation if any : None West Bengal - 713357

SI. No.	Parameters	Unit	Test Method (APHA 23 rd Edition)	Standards (IS:10500)	Results
17	Odour		2150B	Agreeable	Agreeable
18	Taste		2160 B		Agreeable
19	T. Coliform	MPN/100ml	9221 B	Not Detectable	Not Detected
20	E. Coli or Thermo tolerant Coliform Bacteria	MPN/100ml	9221 B	Absent	Absent

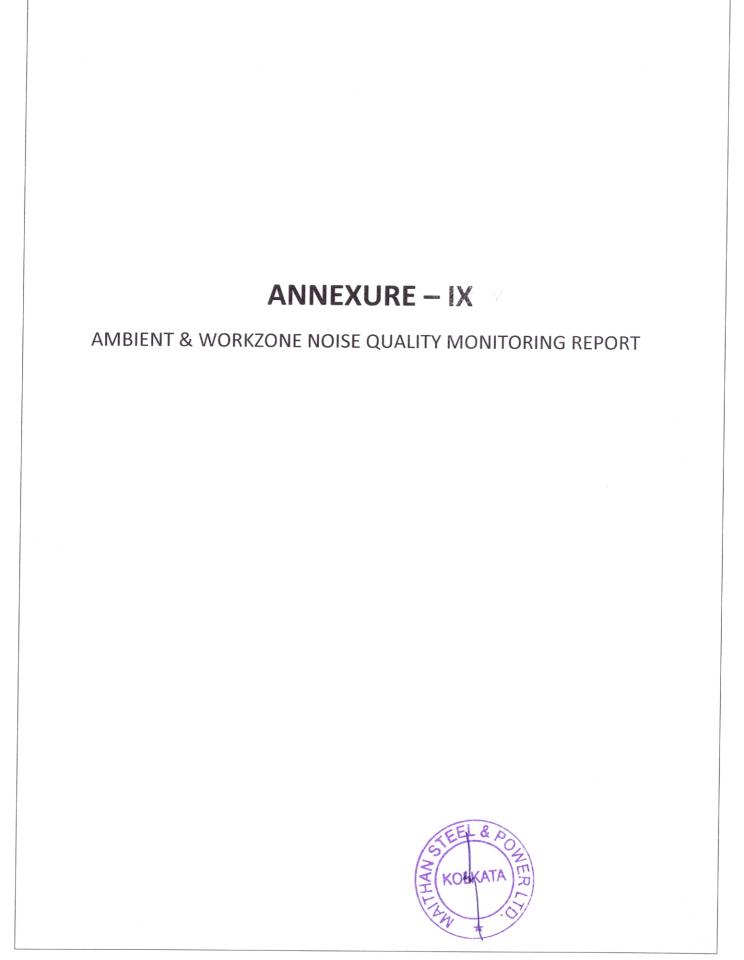
1. Test values are reported based on the samples received.

2. Sample(s) will be destroyed after 7 days from date of issues of the Test Report subject to nature of Preservation. Sample will be preserved as per the standard method.

3. The Test report shall not be reproduced, without the written approval of laboratory.

Authorised Signatory











Email: ecocareasansol@rediffmail.com

Manoj Talkies Basement, Kumarpur

Asansol - 713304

Dist. Paschim Bardhaman (W.B.)

Specialised House on Environmental Monitoring, Analysis, Assessment & Management ISO 9001:2015 Certified, OHSAS 45001:2018 Certified

URL NO. - TC510923000001585F

Format No.: EC/TRT/42/FM/07

TEST REPORT

Report Release Date : 15.09.2023

Test Report No

: EC/TR/42/09298

Type of Sample

: Noise

Sample Details

Sample Collected by : Mr. Sumit Sarkar & Team

: Source Noise

Name & Address

: Maithan Steel & Power Limited

(Unit - II)

Village & Mouza - Nakrajoria

PO & PS - Salanpur Dist - Paschim Bardhaman

West Bengal – 713357

: EC/ARF/29/230910 Sample Ref. No.(ARF)

Source of Sample : Steel Plant

Sampling Date : 11.09.23 to 12.09.23

Period of Analysis : ----Sample Condition

Remarks : ECO CARE

Sample Drawn By Sampling Plan &

Procedure

: EC/SOP/03/01

Deviation if any : None

Standard Noise Limit in dB(A) Leq & Sampling Location: Near Rolling Mill Area

Area Code	Category of Area	Night Time (9 PM - 6 PM)	Day Time (6AM - 9 PM)
A	Industrial Area	70	75
В	Commercial Area	55	65
C	Residential Area	45	55
D	Silence Zone	40	50

SL No	Time	Minimum	Leq – Mean	Maximum
1	01:40 Hrs to02:40 Hrs	57.30 dB(A)	68.74 dB(A)	73.40 dB(A)
2	02:40 Hrs to 03:40 Hrs	€1.00 dB(A)	67.38 dB(A)	72.10 dB(A)
3	03:40 Hrs to 04:40 Hrs	60.20 dB(A)	66.27 dB(A)	70.80 dB(A)
4	04:40 Hrs to 05:40 Hrs	61.60 dB(A)	70.12 dB(A)	74.50 dB(A)
5	05:40 Hrs to 06:40 Hrs	62.50 dB(A)	68.38 dB(A)	71.80 dB(A)
6	06:40 Hrs to 07:40 Hrs	69.10 dB(A)	70.91 dB(A)	73.50 dB(A)
7	07:40 Hrs to 08:40 Hrs	52.30 dB(A)	67.49 dB(A)	74.60 dB(A)
8	08:40 Hrs to 09:40 Hrs	61.60 dB(A)	66.98 dB(A)	70.80 dB(A)
9	09:40 Hrs to 10:40 Hrs	62.50 dB(A)	68.75 dB(A)	72.10 dB(A)
10	10:40 Hrs to 11:40 Hrs	66.70 dB(A)	70.16 dB(A)	72.70 dB(A)
11	11:40 Hrs to 12:40 Hrs	67.20 dB(A)	69.91 dB(A)	72.40 dB(A)
12	12:40 Hrs to 01:40 Hrs	63.40 dB(A)	67.83 dB(A)	70.30 dB(A)
13	01:40 Hrs to 02:40 Hrs	55.80 dB(A)	66.35 dB(A)	71.60 dB(A)
14	02:40 Hrs to 03:40 Hrs	57.20 dB(A)	67.39 dB(A)	70.30 dB(A)
15	03:40 Hrs to 04:40 Hrs	62.30 dB(A)	69.13 dB(A)	73.20 dB(A)
16	04:40 Hrs to 05:40 Hrs	59.40 dB(A)	66.30 dB(A)	69.40 dB(A)
17	05:40 Hrs to 06:40 Hrs	62.10 dB(A)	66.13 dB(A)	69.70 dB(A)
18	06:40 Hrs to 07:40 Hrs	59.40 dB(A)	66.37 dB(A)	70.20 dB(A)
19	07:40 Hrs to 08:40 Ḥrs	60.80 dB(A)	69.25 dB(A)	73.60 dB(A)
20	08:40 Hrs to 09:40 Hrs	62.20 dB(A)	67.50 dB(A)	70.50 dB(A)
21	09:40 Hrs to 10:40 Hrs	59.40 dB(A)	68.07 dB(A)	74.80 dB(A)
22	10:40 Hrs to 11:40 Hrs	59.20 dB(A)	66.22 dB(A)	68.90 dB(A)
23	11:40 Hrs to 12:40 Hrs	56.20 dB(A)	67.19 dB(A)	72.00 dB(A)
24	12:40 Hrs to 01:40 Hrs	62.10 dB(A)	68.81 dB(A)	72.30 dB(A)

- 1. Test values are reported based on the samples received.
- 2. The Test report shall not be reproduced, without the written approval of laboratory



Authorised Signatory





Email: ecocareasansol@rediffmail.com

Manoj Talkies Basement, Kumarpur Asansol - 713304

Dist. Paschim Bardhaman (W.B.)

Specialised House on Environmental Monitoring, Analysis, Assessment & Management ISO 9001:2015 Certified, OHSAS 45001:2018 Certified

URL NO. - TC510923000001587F

Format No.: EC/TRT/42/FM/07

TEST REPORT

Report Release Date : 15.09.2023 Test Report No : EC/TR/42/09299

Type of Sample

: Noise

Sample Collected by : Mr. Sumit Sarkar & Team

Sample Details

: Ambient Noise

Name & Address

: Maithan Steel & Power Limited

(Unit - II)

Village & Mouza - Nakrajoria PO & PS - Salanpur

Dist - Paschim Bardhaman West Bengal, Pin No - 713357 Sample Ref. No.(ARF)

: EC/ARF/29/230910

Source of Sample

: Steel Plant Sampling Date : 11.09.2023 : ----

Period of Analysis Sample Condition

Remarks

Sample Drawn By

Sampling Plan &

Procedure

: EC/SOP/03/01

: ECO CARE

Deviation if any

: None

METEOROLOGICAL INFORMATION

1	Average Temperature (°C)	29.0°C
2	Average Relative Humidity (%)	85%
3	Barometric Pressure (mm of Hg)	755
4	Weather Condition	Clear Day

Noise Limit in dB(A) Leq

Area Code	Category of Area	Night Time (9 PM - 6 AM)	Day Time (6AM - 9 PM)
A	Industrial Area	70	75
В	Commercial Area	55	65
C	Residential Area	45	55
D	Silence Zone	40	50

WORK ZONE NOISE QUALITY REPORT

Sampling Location		NOISE LEVEL			
Samping Docation		Minimum	Leq – Mean	Maximum	
Near Main Gate	Day	62.10 dB(A)	68.81 dB(A)	72.30 dB(A)	
1. Near Main Gate	Night	44.40 dB(A)	51.24 dB(A)	56.60 dB(A)	
2. Dendua Village	Day	50.20 dB(A)	56.46 dB(A)	60.20 dB(A)	
2. Denda v mage	Night	38.00 dB(A)	40.49 dB(A)	42.90 dB(A)	
3. Nakrajoria Village	Day	43.50 dB(A)	50.18 dB(A)	56.70 dB(A)	
	Night	39.30 dB(A)	43.96 dB(A)	48.60 dB(A)	
4. Salanpur Village	Day	46.30 dB(A)	53.88 dB(A)	57.50 dB(A)	
. Julianpui Village	Night	35.80 dB(A)	39.46 dB(A)	42.20 dB(A)	

1. Test values are reported based on the samples received.

2. The Test report shall not be reproduced, without the written approval of laboratory



Authorised Signatory





Email: ecocareasansol@rediffmail.com

Manoj Talkies Basement, Kumarpur

Asansol - 713304

Dist. Paschim Bardhaman (W.B.)

Specialised House on Environmental Monitoring, Analysis, Assessment & Management ISO 9001:2015 Certified, OHSAS 45001:2018 Certified

West Bengal, Pin No - 713357

URL NO. - TC510923000001587F

Format No.: EC/TRT/42/FM/07

TEST REPORT

Report Release Date : 15.09.2023 : EC/ARF/29/230910 Sample Ref. No.(ARF) Test Report No : EC/TR/42/09299 Source of Sample : Steel Plant Type of Sample : Noise Sampling Date : 11.09.2023 Sample Collected by : Mr. Sumit Sarkar & Team Period of Analysis : ----Sample Details : Ambient Noise Sample Condition : ----Name & Address : Maithan Steel & Power Limited Remarks : ----(Unit - II) Sample Drawn By : ECO CARE Village & Mouza - Nakrajoria Sampling Plan & PO & PS - Salanpur Procedure : EC/SOP/03/01 Dist - Paschim Bardhaman Deviation if any : None

METEOROLOGICAL INFORMATION

1	Average Temperature (°C)	29.0°C
2	Average Relative Humidity (%)	85%
3	Barometric Pressure (mm of Hg)	755
4	Weather Condition	Clear Day

Noise Limit in dB(A) Leq

Area Code	Category of Area	Night Time (9 PM - 6 AM)	Day Time (6AM - 9 PM)
A	Industrial Area	70	75
В	Commercial Area	55	65
C	Residential Area	45	55
D	Silence Zone	40	50

WORK ZONE NOISE QUALITY REPORT

Sampling Location			NOISE LEVEL	
——————————————————————————————————————		Minimum	Leq – Mean	Maximum
L Near Main Gate	Day	62.10 dB(A)	68.81 dB(A)	72.30 dB(A)
1. Near Main Gate	Night	44.40 dB(A)	51.24 dB(A)	56.60 dB(A)
2. Dendua Village	Day	50.20 dB(A)	56.46 dB(A)	60.20 dB(A)
z. Dendua v mage	Night	38.00 dB(A)	40.49 dB(A)	42.90 dB(A)
3. Nakrajoria Village	Day	43.50 dB(A)	50.18 dB(A)	56.70 dB(A)
J. Ivakiajona village	Night	39.30 dB(A)	43.96 dB(A)	48.60 dB(A)
4. Salanpur Village	Day	46.30 dB(A)	53.88 dB(A)	57.50 dB(A)
Salanpai village	Night	35.80 dB(A)	39.46 dB(A)	42.20 dB(A)

1. Test values are reported based on the samples received.

2. The Test report shall not be reproduced, without the written approval of laboratory



Authorised Signatory

ANNEXURE – X

HEAT STRESS ANALYSIS REPORT





MAITHAN STEEL & POWER LIMITED Chittaranjan Road, P.O. & P.S.: Salanpur - 713357, Dist.-Paschim Bardhaman (WB)

								·				
23	Remarks										The state of the s	planting.
Date: 18.09.2023	Result (Fit/ Unfit)		odoud e pare Fredant	advand * meng 	-dent - prof - index	nimet n mmq Falland	olland s pand Sadaal	object o and failure	others product		Res X SIARINA	Regd. No 5415
afe:	Ane		Ē	Ē	Z	Z	Z	Z	Z	乭		ōZ
D	SPO2 LEVE L (%)	%86	%26	%86	%66	%86	95%	%66	%86	%66	R98%K	26.00
	Respiratio n Time	inned adds		7	7	7	. 4	4.	77	7	N Co	41
	Raise in blood pressure(mm/ng)	2/2	3/1	4/2	0/2	0/-2	3/3	1/4	-2/0	0/0	0	O VIA
	Blood Pressure After (mm/hg)	120/80	118/76	120/78	118/80	124/80	118/78	120/80	120/80	.122/80	118/78	THIS NA
	Blood Pressure Before (mm/hg)	118/78	115/75	116/76	118/78	124/82	115/75	116/76	122/80	122/80	116/76	116/76
	Rise in core body Tem	6.0	7	0.5	1.0	-0.1	8.0	8.0	1.5	2.3	-1.9	0.5
Report	Body temp. After in Work Area	86	95.5	94.5	97.3	98.1	95.1	96	96.3	97.1	97.2	96.3
Rep	Body Tem p .befo re in Work	97.1	94.1	94	97.2	98.2	94.3	95.2	94.8	87.8	99.1	95.8
	Raise in Pulse Rate			-2	0	2	9-	7	8	7	4	+
Analysis	Pulse Rate After (BP M)	75	80	06	***	16	95	92	87	94	06	77
Ina	Pulse Rate Befor e (BP M)	89	73	92	₩	92	101	06	8	86	98	73
	Chest	Clear	Clear	Clear	Clear	Clear	Clear	Clear	Clear	Clear	Clear	Clear
Stress	Blood	B	A+	84	β ⁺	÷0	B+	ţ	Not Checke d	B+	+0	t
Heat	BMI	UNDER	OVER WEIGHT	NORMAL	NORMAL	NORMAL	OBESTIV	OVER WINGHT	NORMAL	NOKWAL	UNDER	NORMAL
	WEICH HEICHT T (Kgs.) (Ft.)	5.8	5.3	5.6	5.7	5.8	5.11	9.6	5.7	4.0	5.1	5.55
	SEX WEIGH (M/F) T (Kgs.)	22	26	71.9	68	62	7.	83	99	62	42	64
	SEX (M/F)	M	Z	Z	N	M	M	M	Z	M	Σ	×
	DEPARTM ENT	CCM_1	CCM_1	CCM_1	CCM_1	CCM_2	CCM_1	CCM_2	CCM_2	CCM_2	CCM_2	SMS_1
	DESIGNAT	Jr. Foreman	Asst. Manager	Jr. Engg.	DET	Sr. Fitter	Sr. Eletrician	GET	Shift Incharge	Jr. Eng.	Asst.Eng.	Junior Engineer
	Date of Birth (DD/MM/YY YY)	08.03.1992	28.12.1990	01.02.1997	19.01.2002	23.07.1982	01.05.1975	15.01.1993	07.06.1991	21.07.1999	29.204.1998	03.02.2000
	NAME	Ajit Kumar	Ram Manohar Kushwaha	Raj Kumar Barnamal	Prasanta Gorai	Saibal Chatterjee	Rajesh Kumar Choudhury	Ashis Mahato	Premchand Kumar	Ashis Kumar Koley	Prithwish Konai	Patha Bayen
	ST NO.	The second secon	2	2	7	10	9	-	00	6	10	=

	T	-					1	1				T			1
123		Low BP					And the second s						S	P	
Date: 18.09.2023	Fit		- port - port	- 	E	- mail - La	TI.I	H	ij			註	HAIRING	SA15	
)ate:	Ē	=======================================	乭	Ē	乭	Z	Z	Ē	Ē	Ē	Ī	Ē	I/O	E S	Ī
	%26	%69	%96	%86	%26	%86	%26	%66	%66	%66	%86	%86	% 20%	. WIEG	%66
	14	7	77	7	1	#	11	14	14	14	14	14	10	4 4 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	NER
	0/0	5/5	2/2	2/1	5/2	4/2	4/2	0/0	2/0	-2/0	0/0	2/0	0/0	200	Most A
	120/80	110/70	118/78	117/76	120/78	122/80	119/78	120/80	120/80	118/78	120/80	117/76	120/80	118/78	20/80 X
	120/80	105/65	116/76	115/75	115/76	118/78	115/76	120/80	118/80	120/78	120/80	115/76	120/80	116/76	120/76
	1.9	0.1	1.5	2.6	4.3	4.6	2.3	gennet	1.5	inne found	-0.3	0.4	3.5	-0.1	0
00	98.6	94.2	95.8	97.5	98.5	99.1	97.6	98.2	97.5	96.5	8.76	97.2	86	94.7	95.8
Repo	7.96	94.1	94.3	94.9	94.2	94.5	95.3	97.2	96	95.4	98.1	8.96	94.5	94.8	95.8
	20		00	ਚ	9	œ	-31	0			-16	12	12	∞	-10
Analysis	06	귫	78	98	74	98	80	56	87	22	56	80	96	80	94
Tug	70	77	70	82	89	78	92	94	84	89	110	89	84	72	1
	Clear	Clear	Clear	Clear	Clear	Clear	Clear	Clear	Clear	Clear	Clear	Clear	Clear	Clear	Clear
Stress	V+	ţ	B+	t	ð	AB+	AB+	†	†	B+		AB+	÷		B+
Heat	MEGEN.	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	OVER	NORMAL	OVER	OVER	NORMAL	OBESTRY	NORMAL	NORMAL
	5.7	5.3	52.8	5.7	5.7	5.3	5.1	5.5	5.3	5.6	5.5	5.3	5.9	53	13.
	80	57	89	999	99	53	21	77	56	73	76.5	49	86	62	99
	M	M	Z	Z	M	Z	Z	M	M	Z	M	Z	Z	M	Z
	CCM_2	CCM_2	CCM_2	Rolling Mill_2	Workshop	Rolling Mill_2	Rolling Mill_2	Rolling Mill_1	Rolling Mill_2	Workshop	Rolling Mill_2	Rolling Mill_2	Rolling Mill_2	Rolling Mill_2	MIS
	Shift Incharge	DET	SBO	Sr.Fitter	Helper	Helper	hus Hard Hard Hard	Fitter	Fitter	CNC Operator	Fitter	Helper	Fitter	Jr. Fitter	Supervisor
	15.04.1997	07.02.2000	21.08.2001	03.01.1994	08.01.2001	01.01.2005	12.10.1996	01.02.1990	10.03.1991	02.02.1980	07.11.1989	01.07.1998	11.01.1995	15.11.1994	01.12.1997
	Amar Nath Kumar	Jitender Nonia	Sridip Khan	Sunil Kumar Yadav	Prasenjit Gope	Bajrangi Kumar	Mahesh Kumar	Umesh kumar Sharma	Rajesh Sharma	Raju Prasad	Amrit Kumar Singh	Dwarika Prasad	Dilip Kumar	Amit Kumar	Somnath Gorai
	12	133	Amen's andly	10	16	En quest	\$	16	20	21	22	23	24	25	26
081															

			1	1	1			T	1	T	1	1		1		
23						Low BP			Cont- Manoj Yadav.		High BP		8	ja ja		
Date: 18.09.2023	Fit	並	Œ	Et	=======================================	芸	i.	Fit	Fit		Fit	11	E Z	ractic \$415	wheel Land	
ate:1	Z	Ē	Z	Z	Z	Z	Z	Ē	Z	Z	Z	Z	Z	Na Sa	2	1
D	%86	%96	%66	%96	%86	95%	%86	%86	%86	92%	%96	%86	%86	od g	%96	
14	141	7	4		1.4	6-mg 6-mg	77	14	7,	7	4	4	1 C	Regd. Medical	hand A.A.	
	4/4	2/2	0/1	0/0	0/0	9/9	2/2	-2/0	2/2	2/2	-4/-2	-2/0	0/0	-2/-02	ONEL	
	120/80	118/78	110/76	120/80	120/80	116/76	122/82	120/80	120/80	120/78	124/82	118/80	120/80	120/80	S/78 8 2/-2	The section
	116/76	116/76	110/75	120/80	120/80	110/70	120/80	122/80	118/78	118/76	128/84	120/80	120/80	122/82	116/80	-
-	_	2	9.0	0.8	-	0.5	5.0	0.8	9.0	0.8	5.0	oj T	-0.8	1.9	0.9	-
90	95.2	8.96	26	98.4	26	97.8	86	98.1	97.9	86	97.4	97.1	96.5	99.2	96.5	-
Repor	94.2	94.8	96.4	97.6	96	97.3	92.6	97.3	97.3	97.2	6.96	2.96	97.3	97.3	95.6	
	=	9	∞ .	∞	7	1.0	7	7-	10	9	9	ın		- 23	8	
Analysis	06	66	92	75	76	77	76	96	95	6	76	85	88	96	91	
Ana	101	105	89	98	06	29	92	100	85	88	88	80	81	109	88	
	Clear	Clear	Clear	Clear	Clear	Clear	Clear	Clear	Clear	Clear	Clear	Clear	Clear	Clear	Clear	
Stress	AB-	t	8+	B+	#	+		B+		÷	#	đ	B+	A+	##	
Heat	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	OVER WEIGHT	OVER	NORMAL	NORMAL	NORMAL	OVER MUTCHE	NORMAL	OVUR	NORMAL	
	5.8	7.0	5.3	5.3	7.0	5.7	rö rö	ເດ	5.5	5.3	5.3	5.2	5.5	5.2	5.8	
	74	73	55	63	69	69	73		62	64	9	67	99	70	70	
	Z	×	Σ	Z	Z	Z	Z	lacente Lacet	Œ	M	M	M	M	M	M	
	Workshop	Workshop	Workshop	MIS	Rolling Mill_2	Rolling Mill_1	Rolling Mill_1	Rolling Mill_1	Rolling Mill_2	Rolling Mill_1	Rolling Mill_2	Rolling Mill_2	Rolling Mill_2	Rolling Mill_2	Rolling Mill_2	
	Shaperman	CNC	Turner	Supervisor	GET	Fitter	Fitter	GET	Helper	DET	Jr. Fitter	Fifter	Roll Assembly Fitter	Fitter	DET	
	14.01.1982	04.03.1992	15.01.1987	12.10.1987	13.06.1999	20.02.1987	01.04.1990	20.01.1999		24.07.1995	10.10.1992	15.06.1988	01.06.1999	20.11.1992	03.02.1992	
	Rintu Kumar Singh	Binod Kumar	Rju Kumar	Santi Dhara	Rahul Layek	Ajay Shah	Pawan Lohar	Goutam Kumar	Naresh Yadav	Tanmay Rudra	Kaushik Mondal	Amlesh Kumar	Bipin Kumar	Sudhir Kumar	Tapas Kumar Mondal	
	27 K	28	29	30	31	32	33	75	32	36	37	38	39	40	41	

High BP Low BP Cont-Manoj Yadav. -6 No. - 5415 Low K. SHARMA Regd. Medical Practioner Date: 18.09.2023 H H 17 五 Et E Ē Fit Ħ Fit Fit Fit Z Ξ Ī Z Z Z Z Z Ē Z Ī Z Ē Regal %86 %96 %86 %96 %96 %86 %66 %26 %86 93% %66 %66 %86 FILL OF STANKER AND STANKER AN S S 14 14 7 7 7 17 14 14 7 14 7 14 SO NATTI -2/-2 -4/0 -2/0 -2/0 0/0 3/4 2/2 2/2 2/0 8/8 2/2 0/0 0/0 119/80 118/78 120/80 118/78 120/80 118/78 118/78 118/78 124/82 80 120/80 124/84 80 120/ 120/ 116/76 120/80 116/76 120/80 128/84 122/80 116/76 116/78 110/70 118/80 110/70 120/80 08 08/ 80 122/ -0.3 -0.5 6.0 -1.2 3.7 0.3 -0.7 -0.7 2.5 0.2 1.5 0.2 $\overline{}$ 2.9 53 68.5 97.2 95.5 94.5 97.3 98.6 97.6 97.2 2.96 97.1 97.3 97.3 97.3 86 96 Heat Stress Analysis Repo 97.6 8.76 98.2 8.16 94.8 6.96 97.2 94.7 94.8 8.26 94.3 95.2 99.1 86 26 -15 -23 00 00 LO. 8 LO) 6 9 ΙO 00 0 0 85 96 98 62 20 98 84 8 84 88 16 16 100 98 86 1111 117 29 20 79 76 17 26 81 64 83 92 78 85 86 Clear Y+ A+ 44 A+ ò B+ † Y+ † 0 to # 8+ A+ NORMAL NORMAL NORMAL NORMAL NORMAL OVER WEIGHT NORMAL UNDER WEIGHT NORMAL UNDER NORMAL 5.11 5.9 5.6 5.5 10 5.5 10 5.7 5.6 5.9 5.6 5.2 5.6 4.6 5.6 70 99 99 89 89 49 23 99 62 92 20 73 72 10 71 Z Z Z \mathbb{Z} Z Z Z Z Z Z Z Z N \sum_{i} \geq (Electrical) Rolling Mill_2 Rolling Mill_1 Rolling Mill 2 Rolling Mill 2 Rolling Mill_2 Rolling Mill_1 Rolling Mill 2 Rolling Mill_1 Rolling Mill_2 Rolling Mill_1 Rolling Mill_2 Rolling Mill_1 Rolling Mill_1 Rolling Mill_2 CCM-1 Incharge Electrician Helper Helper Helper Helper Helper Shift Fitter Fitter Fitter Fitter Fitter Fitter Fitter Fitter 26/05/1905 08.11.1993 03.07.1993 02.02.1993 01.01.1976 16.04.1996 02.02.2002 18.10.1977 15.05.1990 22.10.1994 30.09.1991 1992 1977 1986 1985 Ranjan Kumar Singh Sunil Kumar Yadav Dhananjay Ghosh Narendra Kumar Chandan Kumar Rupesh Kumar Shyamal Das Rajiv Mahato Dipak Bagdi Bindu Yadav Binay Singh Niraj Kumar Ajan Majhi Ihantu Das Raj Ballav Yadav Yadav 4 43 77 45 46 1 48 49 200 10 52 53 54 55 99

Date: 18.09.2023 Nil Fit		<u>Q</u>
Date: 18.09.2 Nill Fit Mill F	3 5	LowBP
Date:	R. K. SHARMA	
	EN S	3 2 3
% 86 % 86 % 86 % 86 % 86 % 86 % 86 % 86	88	888
	14	X 4 4 4
2/2 2/2 6/5 8/0 0/0 0/0 0/0 0/0 4/0	2/2	ONERL
122/80 120/80 120/80 120/80 120/80 120/78 118/76 118/76 118/76	122/82	121
120/80 118/78 100/60 100/60 115/78 115/78 110/70 110/70	120/80	120/70
1.5 2.3 2.4 2.4 1.6 0.7 0.9 0.9	4	5 4 5
Report 94.6 96.1 94.6 96.1 95.8 98.1 94.6 96.7 94.1 94.8 94.1 94.8 94.3 95.1 94.9 99.2 97.3 96.7 97.3 99.3 97.3 97.3 97.3 97.3 97.3 97.3	66	96.2
94.6 94.6 94.6 94.6 94.9 94.3 97.3 97.3	95.6	98.2
11. 1 10 10 11. 12 8 8 3 2 10 1. 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	4	- 10
1 Jy S	\$	**
Analysis 110 96 -14 61 78 17 62 72 10 81 84 3 82 83 23 72 80 8 78 80 2 94 96 -11 91 92 1 71 72 1	80	83 83
	Clear	Clear
Stress B+ Clea O+ Clea O+ Clea O+ Clea O+ Clea O+ Clea	A-	B+ B+
Heat NORMAL UNDER WEIGHT UNDER WEIGHT OVER WEIGHT OVER WEIGHT OVER WEIGHT OVER WEIGHT NORMAL	NORMAL	NORMAL NORMAL
5.4 5.4 5.4 5.4 5.5 5.3 5.5 5.7 5.7 5.7 5.5 5.5 5.5 5.5 5.5 5.5	5.8	5.7
56 56 56 56 56 56 56 56 56 56 56 56 56 5	76	64
	Z	N N
1 1 2 2 2 2 2 2 2 2 1 1 1 2 1 1 1 1 1 1	SMS_1	SMS_1
Rolling Mill_1 Rolling Mill_1 Rolling Mill_1 SMS_2 SMS_2 SMS_2 SMS_2 SMS_2 SMS_1 SMS_2 SMS_1 SMS_1 SMS_2 SMS_1 SMS_2 SMS_2 SMS_1 SMS_2 SMS_1 SMS_2 SMS_2 SMS_2 SMS_2 SMS_2 SMS_2 SMS_2 SMS_2 SMS_1 SMS_2 SMS_2 SMS_2 SMS_2 SMS_1 SMS_2 SMS_3 SMS_2 SMS_2 SMS_2 SMS_3 SMS_4 SMS_5 S	10	
	Sr. Fitter	Jr. Fitter Fitter
Jr. Fitter Fitter Fitter Sr. Fitter Jr. Fitter Sr. Fitter Sr. Engineer Fitter Welder Welder Turner	01.01.1990 Sr. Fith	29.07.1988 Jr. Fitter 17.11.1985 Fitter
11/06/1905 Jr. Fitter 01.01.1983 Operation 02.03.1999 Fitter 12/06/1905 Helper 05.05.1980 Sr.Fitter 04.01.1973 Sr.Fitter 02.02.1989 Welder 05.05.1998 Sr. Engineer 05.05.1998 Fitter		

2							1	Heat	Stress			Analysis		3ep	Repor							ote (Date - 18 ng 2022	102
	Ajay Kumar Singh	15.03.1968	Manager	SMS_2	M	75	5.6	OVER	B+	Clear	06	94		94.2	97.2	3	122/82	120/80	-2/-2	7	%66	Ē	Fit	Ján J
73 Se	Sekhar Jabir Hussain	17.03.1980	Jr. Fitter	SMS_1	M	89	5.8	NORMAL	t	Clear	72	88	91	97.8	99.4	1.6	120/78	120/80	0/0		%26	Ē		
74	Ajay Giri	01.01.1976	Welder	SMS_1	Σ	81	5.8	OVUIK WEIGHT	B+	Clear	76	80	_7'	96.2	26	0.8	130/90	130/90	0/0	14	%56	Ē	11	High BP
52	Partha Mahato	02.04.1991	Helper	SMS_1	Σ	52	rc.	NORMAL	÷	Clear	98	06	-4	94.8	98.2	24. E	120/80	120/80	0/0	17	%56	Ē		
76 Sa	Saheb Deen Mansuri	20.10.1995	Helper	SMS_1	Σ	62	5.8	OVER	đ	Clear	76	92	16	96.4	8.7.6	4.	110/76	117/78	7/2	14	%26	Z	Fit	
77 Bi	Birender Kumar Raj	25.12.1982	Welder	SMS_1	Z	100	5.4	OVER	ţ	Clear	70	85	15	97.6	86	0.4	120/78	120/80	0/0	14	%86	Ē	11	
28	Saikat Samanta	22.05.1998	Engineer(Me ch.)	SMS_2	Z	1	5.7	NORMAL	A+	Clear	80	98	9	94.7	97.1	2.4	116/76	118/76	2/0	7	%66	Z		
79 DI	Dharmender Kumar	13.09.1989	Sr. Fitter	SMS_1	<u>~</u>	69	5.6	NORMAL	B+	Clear	92	96	4	97	97.2	0.2 1	120/80	120/80	0/0	14	%86	ī.	Fit	
08	Anubhav Kumar	01.02.1996	Jr. Engineer	SMS_2	X	69	8.3	NORMAL	÷	Clear	83	76	=	97.1	96.3	-0.8	115/75	120/80	5/5	14	%86	2	orland 1 year Terrend	
81	Shyam Kumar	12.03.1997	Jr. Fitter	SMS_2	7 2	T,	5.6	NORMA		Clear	92	7	18	95.8	97.1	5	120/80	120/80	0/0	7	%86		without a pool	
82 Gu	Guddu Kumar Yadav	10.03.1991	Welder	SMS_2	N	61	r.	NORMEAL	+ +	Clear	92	156	23	66	96	-3	89/001	110/70	10/2	7	*86	Z	- pod Solin	ā.
83	Md Ashit Rayeen	14.02.2000	Welder	SMS_2	M	62	5.4	NORMAL		Clear	87	88	-	9.86	97.3		120/80	118/80	-2/0	broug ande	800	見	- square 1 arest Lectures	
7	Chandrama Yadav	01.01.2001	Helper	SMS_2	M	62	r. i.v.	NORMAL		Clear	98	88	7	95.1	96.2	Amed Amed Amed	118/78	120/82	2/4	Z S			DR. R. SHARMA Regd. Mediča Practioner	Ner Ner
8	Vijay Shankar	15.10.1990	Fitter	SMS_1	Z	70	rU rU	NORMAL	AB+	Clear	87	93	9	97.3	99.3	CA	ASSET	00 100	QOWE	A-de	\$6.00 \$6.00	Ž Ž	Line	

1			The state of the s				u)	Heat	Stress		Ina	Analysis		Repo	0)ate:	Date: 18.09.2023	123
98	Pappu Kumar Das	02.01.1994	Welder	SMS_2	M	20	5.2	NORMAL	B+	Clear	66	96	<u>ئ</u>	97.6	97.3	0.3	02/011	115/76	3/6	in complete the co	%66	Z	謹	Low BP
87	Gouranga Mahato	03.06.1991	Jr.Electrician	SMS_2	M	7	8.0	NORMAL	A+	Clear	986	16	∞	97.3	66	1	110/70	110/70	0/0		%86	Z	荳	Low BP
88	Rajesh Gope	30.08.2001	Welder	SMS_2	Z	65	5.6	NORMAL	A+	Clear	78	88	9	95.7	99.2	3.5	120/80	124/82	4/2	7	%86	Ē	ij	
68	Manjit Kumar	15.08.1998	Welder	SMS_2	Append Man	20	5.4	UNDER	-	Clear	102	96	9-	96.3	96.5	0.2	118/78	120/80	2/2	77	%66	Ē		
06	Birbal Mahato	15.08,1998	Welder	SMS_2	in-	15	5.3	NORMAL		Clear	72	103	31	6.96	98.5	1.6	122/80	122/82	0/2	14	%86	Z	蓝	
72	Prem Chand Kumar	12.02.1991	I. Fitter	SMS_2	de de la constante de la const	89	5.2	OVIIK WEIGHT	ţ	Clear	73	55	12	95.8	97.2	4	120/80	118/78	-2/-2	-3-	%96	Z	Ë	
92	Sajal Ray	01.05.1994	Welder	SMS_2	Z	\$	5.6	UNDER		Clear	87	06	6	95.1	97.2	2.1	110/70	110/68	0/-2	7	95%	Z	Fit	Low BP
93	Nikhil Roy	01.08.1985	Welder	SMS_2	M	58	5.7	NORMAL	A+	Clear	99	7.0	7	94.8	96.3	1.5	110/70	118/78	8/8	7	%86	Ē		Low BP
16	Uday Prakash Sharma	20.04.1993	Trainee Tech.	SMS_1	M	58	5.5	NORMAL	t	Clear	92	16	2	97.8	97.1	-0.7	110/75	118/76	8/1	-	%66	Z		
95	Ashok Das	14.06.1981	Shift Incharge	Rolling Mill- 1	M	. 09	5.5	NORVÍAL	t	Clear	82	06	In	94.5	98.2	3.7	116/78	120/78	0/+		%96	Z	vland 1 med (mlm)	
96	Dinesh Mondal	15.02.1995	Asst. Engineer	Rolling Mill-	M	74	5.8	NORMAL	ŧ	Clear	59	2	10	96.2	96.1	——————————————————————————————————————	120/80	122/80	2/0	-4	%86	=	Fit.	
97	Nisith Mondal	12.2.1986	Electrician	Rolling Mill-	Z	65	5.3	NORMAL	4	Clear	16	16	0	94.2	1.86	3.9	118/78	119/78	1/0	-+	%86	Z	Ē	
98	Ajay Mondal	25.04.1995	AC Technician	All	Σ	50	5.4	UNDER	ŧ.	Clear	82	94	12 9	96.3) 2.96	5.0	120/80	120/80	0/0	TA A	24 2	15 E	Ku SHARMA	MA
66	Indrajit Banerjee	03.03.2001	DET	Rolling Mill-	Z	56	5.5	NORMAL	ð	Clear	[\	92	18	95 6	98.2	3.2 11	SZZAA T	08/80	ONE	7 7	Regd. No.	Z E	Fit	
																	- June		R					

J.

Date: 18.09,2023	14 98% Nil Fit	14 96 Nil Fit	14 98% Nil Fit	14 98% Nil Fit	14 98% Nil Fit Binod Ram.	14 98% Nil Fit	14 97% Nil Fit	14 97% Nil Fit Low BP	14 98% Nil Fit	16 97% Nil Fit	14 98% Nil Fit	14 96% Nil Fit	DR. R. K. SHARMA Regd. Medican Practionel Regd. Medican Practionel	14 98% Nil Fit
	118/78 -4/-4	118/76 3/1	118/78 3/3	120/80 0/0	110/70 0/0	120/80 5/5	-2/-2	106/65 6/5	120/78 2/0	118/78 2/0	124/82 0/2	122/80 4/2	120/80 -4/0	0 8 118/18 118/78
	-2.2 122/82 1	-0.8 115/75 1	-0.4 115/75 1	2 120/80 1:	0 110/70 1	2.8 115/75 1.	0.3 120/80 1	1 100/60 10	3.2 118/78 1.	2.4 116/78 1	2.5 124/80 1.	0.8 118/78 1.	124/80	N S
Repair	97.3 95.1 -2	95.6 94.8	98.2 97.8	95.8 97.8 2	96.5 96.5	94.2 97 2.	96.8 97.1 0.	94.8 95.8	95.8 99 3.	96.2 98.6 2.	94.7 97.2 2.	00 98.6 0.0	97.6 99 1.4	95.4 96.8 1.4
Analysis	79 80 1	84 95 11	74 94 20	8 1-6 98	91 92 1	74 80 6	68 70 2	122 94 -28	82 88 6	83 90 7	84 86 2	97 96 -1	86 90 4	84 87 3
Stress A	O+ Clear	O+ Clear	A+ Clear	O+ Clear	Clear	Clear	O+ Clear	O+ Clear	A+ Clear	B+ Mild cough	O+ Clear	A+ Clear	AB+ Clear	A+ Clear
Heat	NORMAL	3 NORMAL	2 NORMAL	- OVER WEIGHT	S UNDER WEIGHT) NORMAL	5 NORMAL	UNDER	S NORMAL	1 NORMAL	OVER	S NORWAL	7 NORMAL	NORMAL
)	57 5	49 5.3	48 5.2	73 5.3	48 5.8	60 2.9	59 5.5	43 5.2	72 5.6	58	74 5.6	72 5.6	65 5.7	54 5.3
не техні пітата праві дей Андина пред Андина под	Rolling Mill- 1	Rolling Mill- M	SMS_1. M	Rolling Mill- 2	Electrical M	Rolling Mill-	SMS_1 Nf	Rolling Mill- M	SMS_1 M	SMS_1 M	Rolling Mill-	Substation	SMS_2 M	SMS_2 M
	Pulpit Operator	DET	Asst. Eungineer	Shift Incharge	AC Technician helper	Pulpit Operator	Assistant Engineer	Electrician	Junior Engineer	Assistant	Pulpit Operator	DET	Electrician	Juníor Engineer
	13.06.1984	26.02.2001	28.09.1995	2/10/1986	15.04.1996	v 15.09.1996	15.01.1989	18.12.1996	03.04.1993	12.10.1974	24.03.1982	25/10/2000	21/01/1992	15/3/1994
	Satrudhan Kumar Singh	Chittaranjan Gorai	Subhendu Ghosh	Biswa Mohon Singh	Akhay Dutta	Munna Bihari Yadav	Rohit Kumar	Krishna Ram	Arnab Tiwary	Sanjay Kumar Jha	Abhijit Goswami	Jiten Kumar Mondal	Kanhiya Lal Tiwary	Arup Mondal
	100	101	102	103	104	105	9	20	108	100	110		112	113

					,	E	Heat	stre	Stress Analysis Repo	nal	VSI	S Re	ode	Ψ,)ate:	Date: 18.09.2023
Raj Kumar Bandri 31.03.1990	31.03.1990	GET	Rolling Mill-	×	72	5.7	NORMAL	÷	Clear	110	96	14 93	.8 95	1.2	O+ Clear 110 96 -14 93.8 95 1.2 120/80	120/80	0/0	7	%86	Ē	Fit
Mithun Kumbhakar 5/3/1994	5/3/1994	Junior Engineer	SMS_2	Z	99	7.0	NORMAL	đ	Clear	74	08	86 9	.1 98.	2 0.1	116/75	6 98.1 98.2 0.1 116/75 120/80	4/5	7	%66	Ž	Eit
Rajesh Kumar	07.07.1993	Electrician	07.07.1993 Electrician SMS_2	Z	19	5.1	OWILL	to	Clear	83	7-6	11 9	97 98.	98.5 1.5	120/80	120/80 120/80	0/0	14	%86	Z	

Category	BP
	120 / 80 or
Normal	less
Modrate	121-139 / 81-
High	>=140 / 90
AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA	
Category	BMI
T. J. J. S.	101/

Category	BMI
Underweight	≤ 18.5
Normal Weight	18.5 - 24.9
Overweight	25 - 29.9
Obesity	≥ 30

DR. R. K. SHARMA Regd. Medical Practioner Regd. No 5415	lessamme	nne with date of the Factory Medical Officer/The Co Surgeon
		ure





OCCUPATIONAL HEALTH & SAFETY (OHS) RECORD



HEALTH

FORM NO. 17

1. Serial No. in the Register of adult worker:
2. Name of worker: Mrs. Therefore Lynnes Thaker
3. Name of worker: Mrs. Therefore Lynnes Thaker
4. Date of Birth: 12.0|, 1783

	par alon	֡				Large of the large of	Seamoralino .
J		or overguation	De exposed to	- Build	to other work	work	in a second
1	3	4	so.	9	7	8	6
- 1	The second second	Managex		78.09.2			
		0					
						The same of the sa	
- 1							
- 1							
						The state of the s	
				13.8.22			
				1			
							A COLUMN TO THE OWNER OF THE OWNER OWNER OF THE OWNER OWN
			And the second s				
			A CONTRACTOR OF THE PARTY OF TH				
				Martin Co. C. Co. State Communication of the Co.			-
			The course against the fighting and the fighting of the course and	13.69.2			
						The same of the sa	
			- Opto the state of the state o				
				18.03.23			
	The second second second second second	And the second s					
- 1							
		9.00					

REGISTER

as amended vide Notification No. 1183-LW-IR-1/91 dated 27th Nov. 1991]

No. 54

6X3 millions and base south the tracest	1000					
AN RIDED AND DESCRIPTION OF THE PARTY OF THE	TO ALEO		If declared unfit for work	.		
Noture of tests & Insute thereof	Result	Period of Temparary Withorawal from that	Reasons for such withdrawsl	Date of doctaring from unity	Dale of beging lithress	Signature with dark of the Fablory Medical Officer / the Certifying
10	F	work 42	63	werk	Certificale	Sarpeon
Dio - 110-170		31	2	14	15	16
0// 5						
0						Regd. Medical Practicuer
2 2	1.00					Rogd. No 3915
Whi	4-11					100 Vale
1						1984
-						
Bgroup - At						
Morenia - Wi						
			PREPRINTED CAREFORD AND THE PROPERTY OF THE STOCK OF THE			
		And the second s				
Bp- 115/60						
chest char						THE THE PERSON NAMED IN COLUMN TWO IS NOT THE PERSON NAMED IN COLUMN TO THE PERSON NAMED IN COLU
1			Annual Annual Control of Control		-	TO THE PARTY OF TH
	2.4					Car 120
	3					100
1	The state of the s					DR. R. SHARMA
-						Regd, Medical Practioner Regd, No 5415
1						
		Millians and an annual annual and an annual				
THE RESIDENCE OF THE PROPERTY						
Bar I Islan						Management of the factor of th
1.00-						
chest - dras	Cist					S.C.
RR- IN/W						1000
height / 5.64					The state of the s	DR R K SHARM
Marght - 65491						Regd. Ne. 5415
Borden - will						
48 - aneby					The state of the s	The state of the s
		11			The Sandy Control of the Sandy	Management property districts and a facilities and a faci
-					999), 3 - 489 (1,111)	William Control of the Control of th
th - 120,00		Market Control				The state of the s
Pulse - 72/m			Andrews and the contract of th			
chest chear	Fit	And the second s		-		130
R& - 16/10		Table side	CIBPO			10000
height - Cit			THE TANK	1		5
+			10/0	E		DR. R. K. SHARM
Conerna, Mil			NAME OF THE PARTY	a l		Regd. No 5415
			TACK TACK			
				0		

HEALTH

Serial No. in the Register of adult worker:

Name of worker: MS. Swedering Das Augliq

Sex: Male. + Date of Birth: 10, 12, 1997.

Medical Signs and symptoms Observed duling examination	o					,							*.					Americanic constitution of the second			The state of the s							The second secon
Reason for dischargar nanzfer to other work	0	The second secon							And the second s																			
Date of leaving/ framsfor to uther	7								7																			
Date of posting	9	10 00 Oct	7 7 7 7 7						20.03.23							13.09.22						18.03.29			-			
Raw materials, products or by-products likely to be exposed to				And the control of th	All the second s						And the section of th	The state of the s		-			-			7								
Nature of Jab	4	Heloes	1			-	-		•																		manufic ship community (sh. continuous	
Dangernus procursal aparahan	3												-												The state of the s			
Name of hazardous process	O.							The state of the s																	-	And in the last of		***************************************
apartmont/ WORKS	-	SWS-	40																								1	

:- 1. Separate page should be manitaried for Individual worker, a Frech avery ehruld be made for each examination.

REGISTER

as amended vide Notification No. 1183-LW-IR-1/91 dated 27th Nov. 1991[

No. 72

exprehention and the results thereof	eroaf	allados politicales de la companya d		·		- Application of the Control of the
		Period of	If declared until for work			
Nature of lease & reaults thereof	Februit	omportury windewal from	Reasons for such withdrawal	declaring from couff.	Date of issuing lifess Certificate	Signature with days of the Factory Montrol Officer / The Certifying Surgeon
10	=	12	13	week	Sering (a	STATE OF THE PERSON NAMED IN COLUMN NAMED IN C
Bro - 192/89			C1	14	15 .	16
Pulso - 75/10						
ost Jose		A second				
88 10/m	1.7					
F	10.4	-				Thora w
Cide 20tad				-		DR. R. SHARMA
,			The second secon			Regd. Medical S415
. 5				-		
1205 - 187	-					And Delegation of the Control of the
					The state of the s	Annual Statement
120/8			And the second s			Mary
- 34						R.Sha 222
13 - C						1000
	6.11					- C SHARMA
height 5/16"		***************************************			-	Regd, Medical Practional
Keight : 73/23			The state of the s	Afficial a commence or commenc		Regd. No 22-1
Paremia nil						
						And the second s
-					And the second	
8t2/511 -d-8						1
1						S A S A S A S A S A S A S A S A S A S A
chest- class	Fit					130
14				and the state of t		DR. R. K. SF
- 190						Regd. Medical
Mcrow 79th						
Brochia - m/						
136 - 20d S.						
				,		
Bro - 111/12						And the second s
011						
Stab	1.3					(a man
200 - 16h.	674					3
45-			3			
11						Read Medical B.
Merson + 45 EBS			The state of the s			Regd. No.
Sam of my of the	The state of the s		0	6		
				5		Mark Committee and the State of State o
	-		THE STATE OF THE S	NI		The same of the sa
	-		ALMIN THE	E	1	

FORM NO. 17

4. Date of Dint: 20,06, 1988

Prescribed under Rules 63 & 94 of The West Bengal Factories Rules, 1958 1. Serial No. in the Register of adult worker;
2. Name of worker; Mar. Rabin Bhadan
3. Sex; Male 4. Data of Birth: 20,05.

| and a second | C C MARCHAE | en en en en | and the same | mer mer | ermacu | A PPG | MALL | Litrony
 | company | TENAN | Turrenço. | - | CANCEL CO. | Malagan | - | -
 | - | | | minu |
 | disting | menty | Will the | and the | Arthur .
 | Moreta | W SEEDING | Marie La | piatena | A DINADA | -
 | Ti Carrier | - | Kiliday | Congress of | approximate | -
 | The state of | | |
|---|--|-------------|--------------|--|--|---|--
--|--|--|---|---|--|---------
---	--	--	--
--	--	--	--
--	-----------	--	--
---	--	---------------------------------	--
--	--	--	--
--			
Mantigal Signs and symptoms citizence desiring Examination	Commence of the Commence of th		
Resean for dischargo/ transfer to other work			
Date of earling/ transfer to other	-		
 | | | | | | | |
 | | | | |
 | | | | |
 | | | | | - | 1
 | 1 | | | | | | | | |
 | | | |
| Uate of posting | 9 | 0.8.0411 | 00.00 | | | | Control of the last of the las | Annual Company |
 | | | | 26 03. 28 | | , | | -
 | | | | | 19.09.22
 | | | | |
 | | | | | 00 40 | 0000
 | | | | | | | | | | | | | |
 | and the same of th | |
| Raw materials, preducts or by products Roly to be expessed to | . 5 | | | | | | Control of the contro | | The same of the sa | The control of the co | Total Control | |
 | | | The second secon | | - The state of the | | |
 | | | | |
 | | | | | - | 5
 | 5 | | | | | | | |
 | | | |
| Nature of job
of occupator | 4 | chemist | | | | | |
 | | | | | | | |
 | | | | |
 | | | | |
 | | | | | | AND STATE OF THE PERSON NAMED IN COLUMN STATE OF THE PERSON NAMED |
 | | Contract of the second | The state of the s | | | | |
 |
Dangewus processi operation	3					CONTRACTOR MANAGEMENT	of an art of the second party languages.	The state of the s
 | | | | | | | |
 | - | | - manual control of the control of t | | |
 | | | | The state of the s | | |
 | | | | T. Standing on the same and and | |
 | Mary de man de de la martin del | 1 | | | |
| Name of hazardaus
process | 2 | | | | | | |
 | | | | | | | |
 | | | | |
 | | | Managara Programming Controlling - Managara C | | THE RESERVE THE PROPERTY OF THE PERSON NAMED IN COLUMN NAMED I | | |
 | | The same of the sa | | | | |
 | | | | |
 |
Daparimensis works	-	ms-	248			-	
 | | | | | | | |
 | | SPECIAL SAMPLES SERVICE SAMPLES | A CONTRACTOR OF THE PARTY OF TH | OPPORTUDIO DESIGNATION OF THE PARTY OF THE P | - | |
 | | | | | |
 | | | | | | National Continues of the Continues of t |
 | | - | - | + |
 |

- 1. Surfarine gage should be main to need for individual worker. 2. Frost entry should be made for each exam mation. 设建的设计设计

REGISTER

as amended side Notification No. 1183-LW-IR-191 dated 27th Nov. 1991]

examination and the maying thereof	19ësë		If declared unit for work			
Mature of tosts & 1950's thereof	Result	Period of Temperary	Pleasans for such	Dale of declaring him unite	Date of issuing	Signature with ttale of the Factory Avelical Offices /
U.)		from that work	De Para	for that work	Certificate	Sugeon
	11	12	13	14	15	15
69. 122/82.						THE PROPERTY OF THE PROPERTY O
COEST - Closs						
Pulde - 528/m						C. Carry Land
RR- 16/m	67		STATEMENT OF THE SPREETING AND PROPERTY AND ADDITIONAL SPREETING STATEMENT OF THE SPREETING STATEMENT		-	The select
height - 15.6"						DR. R. K. SHARM
Whigh - 62 kgs			Working was been in the present and become the collection of the section of the s			Rege Medical Practions
Bon - 98%.	The state of the s		V. Brigate and consequences of the second conseq			Roge, no.
				The second secon	Commented IV. option to the descriptions of	
Bp- 12882					- Commence of Comm	PROPERTY (INTERNATIONAL CONTRACTOR OF THE PROPERTY OF THE PROP
chest- clear						Annual surface of the fact of the property of the second surface such as the second surface of the second surf
FW/36 - 75/W			AND THE PARTY OF T		-	O LANGE O
height 5:64	Fel					d
Weigh. 62kg	of the factorial of the space as proposed as					18
Bremis - NI						DR. R. K. SHARMA
1930us						Regd, Medical Fractional
3002-98						And deliverance or an experience and an experience of the second of the
	The office and the owner of the owner owner of the owner of the owner of the owner	PPUI)		and the same of th		
8p- 118/80				Co.		as the grammer and the contract of the contrac
7.			The second section of the second seco			1
Pulso - 86/m			And the second s			Charles Co.
height '5.6"	103				-	1000
Weight. 62495	-					DE DE CHADRA
Brownia - Nil						Rego Medical Fractioner
BUT 9302-0+						Kugu. No Deto
Sport - 981						THE STREET, ST
						маления по поменения по поменения по поменения по поменения по поменения по по поменения по по поменения по
08/00/			THE REAL PROPERTY AND PROPERTY OF THE PROPERTY			The state of the s
chost- clear					The state of the s	A 100
Pulse - 34/mg	Fif					C. CO. C. CO. C.
height 516"		decommondation of contract of the contract of				N 1810
WE1961- 62495			10 THE	4		DR R. SHARM
Ashering. M.P.			1	Q.	The state of the s	Regd, No. 5415
Bladgasson Ot			11/20	9	-	
Son 261			THE WOLKEY	1		
The second secon						
	_		-		_	

No. 85

HEALTH Prescribed under Rules 63 & 94 of The West Bengal Factories Rules, 1958

FORM NO. 17

Serial No. in the Register of adult worker:

Name of worker:

New: Wale 4 Date of Birth:

		-don-don-so		-	-	- TO THE WAY	-			-	the Part of the Pa	-	Mark Street Street			APP IN COLUMN 1 IN COLUMN 1			-			-con-American	-	-	-	-	and the same of	- december (co.	erent.		-		-	.0000000
Medical Signs and symptoms observed during oxamination	8		-											The state of the s	The state of the s	The second secon			4	The second secon				And the fact that the second s										
Reason to decharge tensier to other	85												-																All the second s					
Date of Icaving/ trensler to other	7																										A-100							
Date of posting	0	14/10/1								05/04/2						08-10/22	-		3					04.04.24										
Raw materials, products or by products likely to be expressed to	w)									The second secon																								
Natara of Job Or Occupation	4	Roll Assample	Edler					This Articular Control of the Contro	The state of the s											A CONTRACTOR OF THE PARTY OF TH	and and an analysis of the second	Self-indicated Charles of Charles of Charles								The state of the s				
Dangerous process/ cpetal-on	3							Oh is combined the same of the				(higherman) to the second to t	The second secon								Affelient, In custom such aspire	The state of the s												
Name of hazardous process	2						Carried and Association of Control of Contro												Affiliance and a second			The second section of the section of the second section of the second section of the second section of the section of t										A Charles And a second		
eparlment, works	-	my														and the Control of th	Year of Chance and Chance and Advanced in	OFFICE ATT. AT SECTION BY AND ADMINISTRATION OF	And an advantage of the same o		- 1													

Separate page should be maintained for individual worker.
 Fresh erthy should be made for each examination.

REGISTER

as amended vide Notification No. 1183-LW-IR-191 dated 27th Nov. 1991]

The state of the s		e ·				
ecomution and the results thereof	reof	Panor of	If declared until for work	-		Sippositive with the in the
Nature of tests & results thereof	Result Fit-Unit	Temporary withdrawal from Ital	Heasons for sech withdrawed	declaring him unit	the pi thresa Certificate	Factory Medical Officer the Certifying Surgeon
10	=	12 12	. 13	14	13	16
Bp- 118/80	×					formetal
Puble- 196/11			-			4 16hon
chedu - chean.	Fish			-		Par Condon Monda
2						Mass (call O.C. N. 1001.)
helan - Si		-				Regn No - 53561 (145 ALL)
WEISM- SAKS						The second secon
Anacuira MI						
Spur. 97						
126/80						or demonstrates and the office the enterest to see the antique of the second see of the second secon
43.he - 86/m					-	A CONTRACTOR OF THE LAND AND AND AND AND AND AND AND AND AND
7	2.5					C CAN PE
7						
HELDAS- 5.1"	The same of the sa	No management of the contract		44.14		I DR. R. K. STATE
Horacmor Wil						Rejordensing
Bp- 118/80				controlling general integration of controlling to the controlling to the control of the control		
Pulse- 76/14	Fit					43.
Chest - Clear					The same of the sa	S. C. C.
					Vertice of the latest designation of the lat	1
. Weight 5.1"						DR. R. R. SHA
سرم ب						Rega. Medical F. Regd, No 54
1500 over						
						Management of a state of the control of the state of the
Bp - 120/82						
Pulne - 26/4						3
ı	Fish					Ough with
14/11						TO T
Heloch - 51.1"						DR. R. K. SHAR
Anaimia Mil			eramoneratura de esperajamento de la companya del companya de la companya de la companya del companya de la companya del la companya de la co	-		Kega, Wedical Pilati
6A0, - 989.				-		
7			CALLE.			
			THE TOTAL	8		
			17/15	61		Halliad Hallia de codes el comente undos dell'Acado colle come de comença de
			1 Comp.	OV		
- Madeline et all property of the content of the co			A NA	VE		And the second colors are second or the control of
			X	P		And the second of the second o
		Name and Address of the Owner, where the Party of the Owner, where the Owner, which the Own	- The second sec			

FORM NO. 17

4. Date of Birth: 01. 21. 1997 3. Sex: Male

Medical Signs and symptoms observed during examination

Reason for dischargo! panalor to other

Date of learng transfer to other work

Date of posting

Ray materials, products or by-products likely to be exposed to

Neture of job or occupation

Dangerous process⁴

Name of hazardous process

Department

04/10/21

Thames

2/ Mild

22 /6/40

as amended vide Notification No. 1183-LW-IR-L91 dated 27th Nov. 1991]

REGISTER

No. 88

1. Serial No. in the Register of adult worker:

1. Serial No. in the Register of adult worker:

2. Name of worker:

1. Name of HEALTH

The control of the	1. Consideration and Constitution of Street Constitution of Co						er i
16 30 30 30 30 30 30 30 3	of this in and the month that the sales	ereol		if declared until for work			
16 20 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Mature of heats & retails thereof	Fellode	Perpal of Temporary webstraval from (hat	Reasons for such well-draws	Date of Enclaring from until	Date of strough	Signature with case of the Factory Medical Officer / the Discipling
16 30 2 - Cheas 2 - 19/44 10 - 5 / 50 10 - 5 / 50 10 - 5 / 50 10 - 5 / 50 10 - 5 / 50 10 - 5 / 50 10 - 5 / 50 10 - 5 / 50 10 - 5 / 50 10 - 5 / 50 10 - 5 / 50 10 - 5 / 50 10 - 5 / 50 10 - 5 / 50 10 - 5 / 50 10 - 5 / 50 10 / 50	1 1	=	*27¢	13	NCX 1	C#1, r.a.19	Employee and the second state of the second state of the second s
18/28 18	116				F		15
118/28 118/28 118/28 118/28 118/28 128/28	-0						from La
18/28 18	L	C.F			Annual An		Madaile
118/38 118/38 118/38 118/38 128/38							Dr. Santanu Monda
18/38 18)						Authorited Motion in Training
115/28 115/28 115/28 115/28 125/28	1		MARKALITICALIST CONTRACTOR OF THE STATE STATES AND ASSESSED.				
115/28 115/28 115/28 125/28	757		Continues de Lambaco de Late, constata de la constata del la constata de la constata del la constata de la constata del la constata de la con				
118/38 118/38 2 - 78 118/38 125/100 125/38 125/3	9						4
118/38 - 24/m Fid 125/38 125/38 - 27/gs - 2		,					
18/38 - 34/m Fil 14/m Fil 12/38 - 32/m Fil 12/38 - 52/m Fil 12/38 - 52/m Fil 12/38 - 60/48 - 60/48 - 60/48 - 60/48 - 60/48 - 60/48 - 60/48 - 60/48 - 60/48 - 60/48 - 60/48 - 60/48 - 60/48 - 60/48 - 60/48 - 60/48							
14/hn Fid 14/hn Fid 125/42 125/42 125/43 125/43 125/43 125/53	[
14/m Fill 14/m Fill 14/m Fill 15/98 125/98	-0						
126128 - 55/296 - 55/298	-						C. Maswa
126788 12678 126788 126788 126788 126788 126788 126788 126788 126788		Fit					TO TO
126)38 126)38 126)39	1						ALCONO.
126.78 126.78							Repa Medical Financia
126.78 126.78	1						Regd No. 3415
126.78 126.78 126.78 126.78 126.30 126.30 126.30 126.43 126.43 126.43 126.43 126.43 126.43	1						
128.98 - 72/m Fid 128.30 - 604.95							
120 30 120 30							
120 30 120 30	4			The second secon			
12850 12850 12850 12850 12850 12850 12850 12850 12850 12870 12		7.					
126) 30 Clears Clears 126) 30 Clears 19/24 5 '' 5 '' 6 '' 19/24	1	24		The second secon			
120/30 120/30	5 2						
12030 12030 12030 12040 - 5240 - 50405 - 60405 - 6	1						1 180 K
12030 12030 Clears Clears 14/k1 14/k1 50495 2- MI 8- MI	1						DR. R. K. SEGRANA
12853 12853 - 7260 14/20 - 60645 - 60645 - 60645 - 60645 - 60645	1						Repd No. 5415
12050 Cleans 51 19/1111 5 1 5 1 5 1 5 1 5 1 5 1 5 1							
14/24			-				And a second sec
Soly Safe			More management of the contract of the contrac				
19/20 211 211 211 21 21 21 21 21 21 21 21 21			A THE PERSON NAMED IN COLUMN 1 AND THE PERSON NAMED IN COLUMN 1 AN	8 12	6		1 Ale
5" 2 KU KATA 20 2 2 KU KATA 20 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	1	417		7	(0)		7 4 00000 O
= 60kgs = 60kg				(6)	NE		150
2 - Will 2 -		The second secon	and the second section of the second	X			DR. P. K. SHAR
- 6+ - 6+ 969.	-			N NOW	L		Regel, No 5415
136	7			THE PART OF THE PA	TO		
	,			1			
	ı				1		

06/10/22

16/60/30

:- 1. Separate page should be maintained for individual worker.

• Except garry could be made for each eventual on

FORM NO. 17

1. Serial No. in the Regisser of actus worker:
2. Name of worker: 142 - Sangery Agry Well
3. Sex: 144 al & 3. Dans of Birth: 02,01,1968

HEALTH
[Preseribed under Rules 63 & 94 of The West Bengal Factories Rules, 1988]

| | | - | - | | - | Number. |
 | - | - | | <u> </u> | | - |
 | | Q. | 0 | 4 | 5
 | = | 10 | 3 6 | 0 | 3 | 1 |
 | eg eg | G, | 00 | 10 | | 7
 | g | Ý | 4 | + | G | at the
 | 7 | RR | 200 | |
 | 100 | 10 | E | 1
 | | |
|----------------------------|--|----|--|--|--|--
--|---|--|--|--|--
--|--|--|--
--	--	--	--	---
--	---	--	----	--
--	--	---	--	---
--	--	---	--	
--	--	--	--	
--	--	--	--	
--				
Serve and commons	observed dumg examination	5	TEA more special and construction of the const	Will and the second control of the second se
Connection for Streetsmann	Meason for contract (narafer to other work	8		
Date of	Rangler Rangler Io other Acrk	7		
 | | | | | | | The second secon | -
 | The same of the sa | | The same of the sa | - | | | |
 | | | | | |
 | | | William Co. | | İ | | 1
 | | | | | | | |
 | | | | |
 | | - | |
| | Data of
porfing | 9 | 10 lace h. | 13/2/61 | - | - |
 | | | - | - Contracting Contraction Contraction | | 15/03/22 | -
 | - | | | |
 | | | | | | | 609/23
 | | | | | |
 | | | | - | 12/00/2 | _
 | | | | - | -
 | | | | | | | | | |
 | | |
| P. Salar | or by-products takely to
be exposed to | 5 | | | | |
 | | | | Annual management of the control of | | | To and the control of | | APAIR CONTRACTOR OF THE PARTY O |
 | | - A CONTROL OF THE PROPERTY OF | | a freedigitation for contract contracts and contracts and | | | |
 | | And of the control of | | The second secon | | | |
 | | | THE REPORT WHEN THE PROPERTY WHEN THE PROPERTY WAS A PROPERTY OF THE PROPERTY | | | | The state of the s |
 | ************************************** | | |
 | | | | The state of the s |
| | Natura of job
or occupation | 2 | Jamany | 0 | | | Mingratur Severation non-continued number of
 | | | | PERMITS AND PROPERTY OF 16th Constitution of 16th C | Control of the contro | | | |
 | The state of the s | | | And the Party of the State of t | - | | | |
 | | | | The second secon | | |
 | | | | B00 | |
 | | C (CC) The upp Continues on the continues of the continue | | OOK 1917 A specification was | | and department of the second o |
 | | | - | AND DESCRIPTION OF THE PERSON NAMED IN COLUMN TWO IS NOT THE PERSON NAMED IN COLUMN TWO IS NAMED IN COLUMN |
| Dangernus | process | 3 | | | | | Marie Commission (Marie Company) Commission of
 | - | | | | A STATE OF THE PERSON NAMED IN COLUMN TWO IS NOT THE PERSON NAMED IN THE PERSON NAMED IN THE PERSON NAMED IN | | |
 | | | | | The second second second second
 | | | | | Andrew or a designation of the last of the | | | | | | |
 | | | The second second second | | | |
 | | The second second second | | |
 | And the state of t | - | | A CONTRACTOR CONTRACTO | |
 | - | | - |
| | Name of bazarbous | C4 | | | | | And the same of the same and difficulty of the same of | | | And the second s |
 | | | | |
 | | | | | |
 | | | | | |
 | | | The state of the s | | | | |
 | The second secon | | | | 100 300 |
 | | And Section 1945 Market Sections and Assessment Section 1985 Annual Conference on the Section 1985 Annual Co | The second secon | | |
 | the state of the s |
	WORK WORK	-	mescal			
 | | - | | | | |
 | | | | The same of the sa | |
 | | | | | | |
 | | | - | | |
 | | | | | a manage and |
 | | | | The state of the s | - Addison on
 | | | | | -
 |

REGISTER

as amended vide Notification No. 1183-LW-IR-1991 dated 27th Nov. 1991]

Examination and the results thereby	heaset				The state of the s	
		Period of	If declared unit for work	-	A Torapid as star per many	And the second s
Malicia Di 6935 & 1900 B	Firthalit	remparacy withdrawal from that	Reasons for such withdrawal	declaring her the	Euris ed Criminal	Cognitive with data of the contact Andrew Copies y in Certifycign
10		work 12		WDAK	Curtheaux	SWINGS CONTRACTOR CONTRACTOR CONTRACTOR
Dr. 160/80				14	Notice of the last	16
136 -				-		Bangaran and an and desired floor of the first of the annual control of the first o
- 24/41	Fit I					ad Vilan gett annahnskyl fram Spub i Spyll av gettellanderge for sombo
31- 0		And the second s			The same of the sa	Marie and Marie
11 5'8"					The state of the s	September 1
W/- 68 KgA					Section by the Section of the section of the section of	where we as to be designed that the last implicate access he has
3-96 - Cade					-	A CHANGE OF THE PARTY OF THE PA
Minening - Nij				The second secon		the Principle of Manager and Conference of Section 1985
manufernament stem, make a some consult one					Action of the second second second	Note that are related under the content of a strong particle because upon a strong con-
Bo - 128 48	131			And the second s		And the second section and the second section is the second section of the second section is the second section in the second section is the second section in the second section is the second section in the second section in the second section is the second section in the second section in the second section is the second section in the second section in the second section is the second section in the second section in the second section is the second section in the second section in the second section is the second section in the second section in the second section is the second section in the second section in the second section is the second section in the second section in the second section is the second section in the second section is the second section in the second section in the second section is the second section in the second section in the second section is the second section in the second section is the second section in the section is the second section in the second section is the second section in the section is the second section in the second section is the second section in the section is the second section in the section is the second section in the section is the section
Dulee - 83 m		THE PROPERTY OF THE PROPERTY O		-	-	ere even har segmant des characters and segment of the segment of the segment
			de décimination automobile de la company		the second the seconds are the property	The state of the s
Chest - Clear					and the second second second	1000
Hr 5/3"		Annual designation of the country of			The state of the s	The second second second
101 662875.				The second secon	William State Stat	DE S. S. SLAND
SP02 - 96%		To the last			The Person of Square Security	Suppl No. 5415
*2		Annual and the fact that the f				And the second of the second o
		Committee of the commit		The state of the s		And committee of the finisher decimal and the second secon
BP= 136/76	187					entropy and the control of the contr
P.1286- Rolm				And the second s	-	The state of the s
RR - 22/1m				All the second s	The second secon	小人
Cherr - Chear	The state of the s		And Callin County, American and			The state of the s
5,31					and the facilities of the same	DR B K S752
101 G# Kgt			 Collection of common extraction of com	Antibiologica and resident and an extension of the second	-	The state of the s
3, - 95%						Nega Co. : 0432
Agrapaya - VI					Water Street of	And in section in the contemporary of the filtering of companies contemporary and
Co de la constante	100					
	111				Manager of Children's Assessment of the Contract of the Contra	
1 2				An investment of the party of the control of		Separate Sep
1						1000
-		Martin office of a constraint of the state o			and the same of the same and	OR K. F. SILARI
			100 mg	(0	-	Regal. No 5415
560 - ap.			12/	147	And the second s	endermonatural control of the first feature of the production of t
C. sur						and contrational definitions are profit from the profit processor protection for a
			A KOLA		* Offices and other spin and a series of the series	And the state of t
THE RESERVE THE PROPERTY OF TH				17.3	And the second s	men neter effette effiken vereinke engelee enkelde a) vere enkelpe egtstegtiggeg
			100	1		

FORM NO. 17

[Prescribed under Rules 63 & 94 of The West Bengal Factories Rules, 1958

1. Serial No. in the Register of adult worker:
2. Name of worker: Rayl V Bartlespec.
3. Sex: Male 4. Duts of Birth: 20.04.94

		cparation	or occupation	be exposed to	presting	to ell'er work	francier to gover	ekamination
-	2	3	4	5	8	7	8	Ø.
>			Assistance		Chabo.			
This Whie			Time Kegar		11/1			
								The second secon
								The same of the sa
		The second second second					AND DESCRIPTION OF THE PROPERTY OF THE PROPERT	And the second s
					08 to be			
	ART AND						The second secon	And the same of th
-								
	17.5							
-					16 6 9/52			
-				The state of the s	1			The second secon
-			The second secon		-			
1								
+							. 6. 1	
-					The second second			
								[1]
1				14	10/10/22			
-					-			
							A CONTRACTOR OF THE PERSON OF	
								The state of the s
-								
-				47.	A K lon			
-				7	67.50			
-								
-								
-	The second secon							The second section is the second seco
-								
-					-		The state of the s	
-								
-					+			
_					And the Party Street,		-	
-								

REGISTER

HEALTH

as amended vide Notification No. 1183-LW-1R-L91 dated 27th Nov. 1991]

swammaton and the results thereof	liereof		Transference of the sound			The second secon
Nature of tests & rosult: Thereof	Result	Perod of Temporary Wilhorawat from that	Reasons for such withdrawal	Date of declaring from until	Date of 1894 of 1894 of 1895	Signature with data of the Factory Medical (thiser). The Centrying
10	F	work		WCK WCK	Certificate	augagana aragana
1967 20		71	13	14	15	16
180	Crt					
10%	2/12					
7						And the second s
1						10/10/50
						The state of the s
190/20	(-		The state of the s
1	7,5%					apple to the same of the same
1						The state of the s
RR - 14/m						- John -
1						Archard Arch
ht 5.8"						188
Chear - clear						DR. R. H. SHARIM
					Control of the Line of the Lin	Regd, No 5415
Bp 122/82	7					
Rube - Falm						
RR - 14/m						4
W 60Km		PRACTICAL STREET BOOK OF STREET CAN PLANT STREET, STRE	or "Meet Pe culture and conserve delibrate, assessment to the desire and the constituents."			2000
ht 5.84						DR. R. SHARW
Chest - Clear						Rrpd No 5415
	•					
Br - 120/80	1000					
Pulso - 70/m						James Comme
P.R - 14 m					The State of Sections	1508 CON
101 64XPD.					With Million Shading Bay by Sangaran	tot C
44 5.84					The second secon	Regd Makod Poston
Chest - Clear						Reqd, No 5415
			E Spirit	and the state of t		Mary Provide Annual Marie and Annual
Bp - 124 84	17.7	A				
Pulse Tylm						"Constanting
						10000
W 66 K973.					The same of the sa	
. Ht. 6.8"U		,	11-			DP 7 F CHIBM
Chest - choson			ACT OF THE STATE O	0		Regal No. 5415
			10	6		
Macrosometromores, canada a separate entre			M	1	And the first of the fall of t	the state of the s
			THE KOLKATA			
			1	2/2		
		The state of the s		-		

HEALTH

Prescribed under Rules 63 & 94 of The West Bengal Paciories Rules, 1958

2. Name of worker: Why. Hakash Rawans
3. Sex: Walc 4 Date of Birth: 29,10.1999

70RM NO. 17

nda.	74/40-20-20-20-20-20-20-20-20-20-20-20-20-20	-		-		-	-	-	_	(Constitution)	MIT THE REAL PROPERTY.	de concentro	 -		,																	 1		
Medical	Signs and Bymptoms observed during signification	6															The same of the same	1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1		A second second							103							
	Reason for discharger translet to other work	8					The same of the sa			, , , , , , , , , , , , , , , , , , , ,						5						<i>=</i>				The second secon		The second secon	10.00					
	Date of Baving, transport to affer work	1	-																							673							-	
-	Date of posting	+		18:09:24								26. 03.92.							F.09.92							19/03/23	-						-	
The state of the s	Maw malerale, products or ay-products likely to bu expreed to	PRINCIPLE AND AREA OF THE PRINCIPLE AND ADDRESS OF THE PRINCIPLE AND ADDRE	S														MAYON DESIGNATION OF THE PROPERTY OF THE PROPE		And the second of the second o											Elizabeth desired and the street and the street of the str	and the second s			
and the same of th	Nature of job of desupation		4	11KS 18 1970		Por Methodological comments commissions		Section of the Party of the Par							STATEMENT OF THE PARTY OF THE P				And the control of th						-			and the second of the second o		And the second second second second		The second secon		
	Dangerous proceed operation		2	7		A CONTRACTOR OF THE CONTRACTOR									And Comments of the Comments o						,		,									· ·		
	Memory Pazardass		2									And the second s		-												The state of the s						Court and a second seco		
	partment Na works		-	Signer-	3							-					2																	

Notes := 1. Separate page should be maintained for individual workin, a Prega print of the maintained for each superimed in the management of the management

REGISTER

as amended vide Notification No. 1183-LW-IR-I/91 dated 27th Nov. 1991]

examination and the results thereof	al		It declared unfit for work			
Nature of leets & creates thereof	Result F#Unite	Period of Temporary with drawel from that	Recusons for such withdraws	Date of Geclesing Firm unity for that	Date of sauling Himese Certificate	Signalusy with date of the Tactory Medical Officer / the Carlifying Surgeon
10	11	12	13	4	15	16
A.O. 115/30				<i>E</i> .	-	
9 -	Fif		Responsibilitation and in second contract of the second contract of			
-						
24						Cold days and the second secon
14- 5,4"						13
WF - 60490						The state of the s
Anaemio - 131						The second second
Had boun Bt						and and
-			14 15 1	-		The second secon
An- 120/80	ガナ			-		
6						1
1						O Saow Color
-						186
l						DR. R. SHARMA
[-		٠	-		Regd, No 5415
apm'						
S - Grand - B						
Ro - 118/22	びと	1				The state of the s
Pulac - Rolm						LAND
Chost - Clary						ONE TON P.
	-					18181
Ht 6.40						DR. R. R. SIIARN
W GAKAD						-
Amaemia - Nit						
Boray = B+	and the second s					
80-196/80	19					Market of Article and Article
1					The state of the s	L'agm
141			THE RESERVE TO SERVE THE PROPERTY OF THE PROPE			150 103
W 540			4	1		1 Pag 2 1 Card
10 - 63KRD			JAE B	/Q		Reyo, Meaned Practione
Anaemia - Wil	1,		15	6		Kegu, Wu 5415
1	4		N	N		
/ 0			A XO	FF		
			11	2 1		
	_		\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	N. C.		
			12	0		

1. Serial No. in the Register of natul worker:
2. Name of worker: Mrs. 22 syme. A Kuman

3. Sex: Male 4. Date of Birth: 04.01. 1980

Neme of bassastate foregrents and status of page from materials, arother process and compared to the arother process and the p	Adedical Oble of Parameter for dechange Signar and symptoms. Fig. Data of base of base of base seek for transfer base for transfer for transfer base for transfer for transfe	6 8	21				2/10/2				04/04/22					04 (10 2.					0.6 (21,13)	00000					The state of the s
Name of Autocatase Diochesis operation 2 3 3 3 3 4 10 10 10 10 10 10 10 10 10 10 10 10 10		S	100											-	Account of the Control of the Contro			The state of the s	-	The second secon				The second of th	Control of the Contro	TATE CONTRACTOR OF THE PERSON	A CONTRACTOR OF THE PROPERTY O
Name of Assachase 2			Execudi			The state of the s				The state of the s																	-
Department of the state of the	name of harmonic automates	2						and the second s				The state of the s														-	

REGISTER HEALTH

[Prescribed under Rules 63 & 94 of The West Bengal Factories Rules, 1958

as amended vide Notification No. 1183-LW-IR-1991 dated 27th Nov. 1991]

No.

exerrination and the results thereof	hererof		II declared unfil for work			And the state of t
Nature of tests & results freed.	Result	Period of Temporary withdrawal from that	Passons for such withcrawni	Sate of declaring him uchil for that	Date of training filness	Signature with date of the Factory Medical Officer / the Certifying Surgeon
Q1	11	work 12	13	wark 14	Cermicals 15	16
Bp- 110/20						
pelde - 90/m	414					
RR- 28/m						
M= 5.6"						
WT- 75kg1						PASTON
Edad boorg- R.T.						101
		The filter management and the state of the s				18. St. 18. 18.
50 - 114/72	135					The state of the s
4436 - 86/m						
" 212 " " " " " " " " " " " " " " " " "	-	The state of the s				Constant Co
l						10150
and free						DR. K. K. SHARMA
7 %	The state of the s					Regd. No 5415
1	サイ					
fulse - 85/m						Swe 1
-28 - 14-lm						Mes 1847
str 56"						101
Frank T #7		The second secon		,		DR. R. K. SHRICLE
W. 1- 70×50			F 14			Regd. No5415
D 1 C C T		The state of the s				
Do - 14/m						1000
1						49%
dnas						Road Medica Cataoner
104 T3Kg						
				Total Control of the		
130	1					
1-54						O chartin
ER - 24 m			To a land			10000
9			~ /			DR. P. C. C. Butt
1				4		Rogo Medical Pranticher
100000000000000000000000000000000000000			N NATAL N	R		. Negd. No 5415
			A KONT	UT		
	100			6		and the state of t
			1 200			

FORM NO. 17

Prescribed under Rules 63 & 94 of The West Bengal Lactures Rules, 1958

1. Serial No. in the Register of adult worker:
2. Name of worker: [4], (5) (1)(2) (4)

4 Date of Meth. 10:02. [993 3. Ser: Male

				St. Dark - Day ou	Park Med	10 cff-pr	Participant to company of	PARTICIPATION AND AND AND AND AND AND AND AND AND AN
-	2	3	+	Action Assistance probability of the formal manners are consistent as a second manner of the formal manners are a few at the formal manners are a few at the few at t	*		6	a
NADOLL !			Frezendine	Professional Astronomy				The second secon
		CAN DESCRIPTION OF THE PROPERTY OF THE PROPERT	Towns And the Parties and Assessment Assessm	much exterior and a second extension of a second advance or decision of a second extension of a second extensi	12/2/20			And the first the responsibility of the second section of the s
		AND AND AND ASSESSED IN SECURIOR STATES	STREET COMMUNICATION OF THE PROPERTY OF THE PR		-		And the second section of Alberta Street, and the second second section of the second	Annual Control of Williams (1997)
		o entre control control. Assessor for entre			and the second of the second o			
		The state of the s	The state of the s	The state of the s			Action (COTTO) (Action of Type Cotto) (Action of Cotto) (Action of Cotto) (Action of Cotto)	- Commission or committee the statement of the statement of the
					The second secon		And the same and t	
	Consideration on the Part of the State of th	Indian the section contraction	PROPERTY AND TRANSPORT OF STREET, STRE	And the second s				
			And the second s					
	N.	And the State of t	Water Control of the State of t		J. 16 1.			
	The section of the se	The second secon	And the state of the second control of the second s					
	Annual Professional Community on the state of the state o	Total State of the Control of the Co	reditablisherensissi apres simuranona minarandis si					
-	- Committee of the Comm							
		and an order order order order order	The second secon					
		-	And the second difference of the second seco					
		Commission of commission of the Commission of Commission o		THE PROPERTY OF THE PROPERTY O	Section of the sectio	A CONTRACTOR OF CONTRACTOR		
		The second secon	every final weight use to culture an extension and an ingression		13 55			
			Albert of the finders of calculations appropriate maximum ages of the		*			
The state of the s		A. Principle of the second						
		DDL - Bransage promplises growings as a		man di seriah seriah sebi-sebi-sebi-sebi-sebi-sebi-sebi-sebi-		Marie and the control of		
The state of the s	ment of the charge of any transfer of the case of the charge of the case of th		Charles and second second and second			-		
-	THE RESIDENCE AND ADDRESS OF THE PARTY OF TH	Total Control of the	enthern & parties are appropriately of annual formation	All processing and representations of the processing of the proces		Balliforni Administration		
	ACT OF THE PARTY O	Contraction of the case	traffices discovered the second strong and give all poly-					
				S. Commission of the Commissio		Marie and the second		
-	The state of the s	and the second s	The state of the s	A CHAIN AND AND AND AND AND AND AND AND AND AN				Committee of the commit
	MARKET ST. CO. CO. CO. CO. CO. CO. CO. CO. CO. CO	The second secon	State of the state				entimprose displacementamente commo del composiçõe coloque paga entimente.	
	The state of the s					The state of the s	The state of the Park and the P	The state of the s
	And the state of t			e mane debin men en els construit de de della confidence de construit de men en grante en en en en en en en en				designation of the cutting open cutting to the company of the cutting of
	01.00000		The second secon					
			A CONTRACTOR OF THE PROPERTY O		Control of the Contro			
			de contracte de la contracte de					
-	Committee taxos - Propositional Committee est (Committee est (Comm			Č	25,40,40			Annual of the state of the stat
-								Martine Section of the Section of the Section
	White State of the second seco							index in the job of its this additional improvision for the right propriations.
makes the second resource of the second resou	TO THE COMMISSION OF THE PROPERTY OF THE PROPE	other floating on experiments						
-						-	And the second s	
								manufaction of the effection to the contract of the contract o

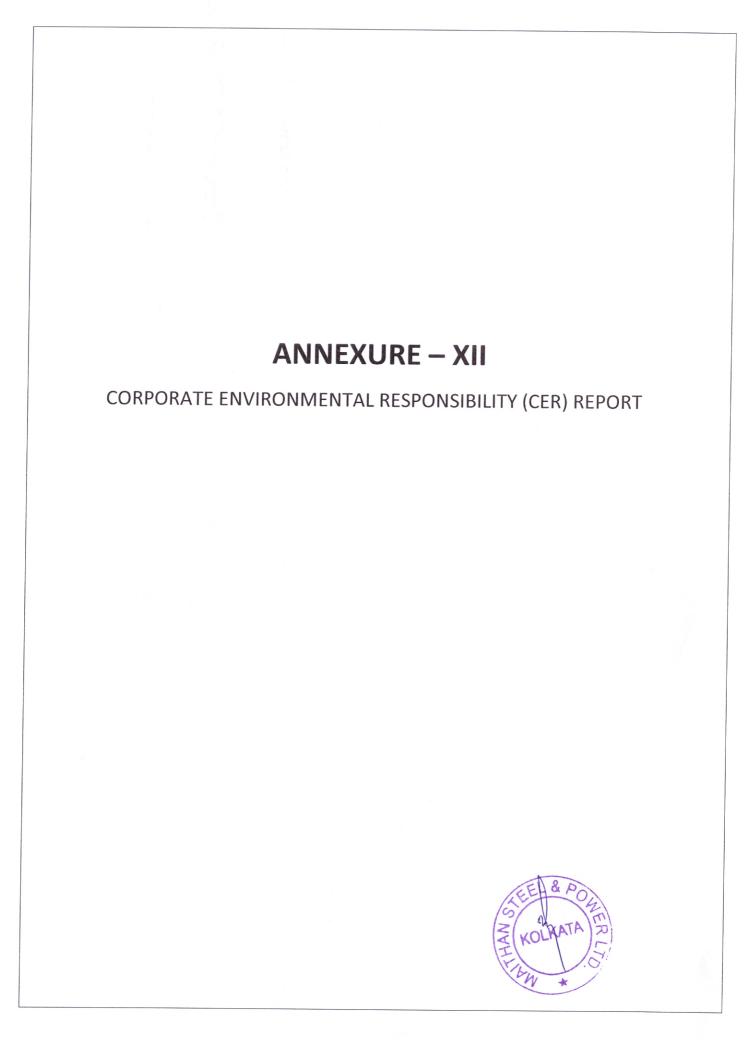
REGISTER

HEALTH

as amended vide Nutification No. 1183-43W-IR 191 dated 22th Nov. 1994

Š.

Secretary that the property thereof	Therange		The Section of the Contract Co	¥		
Mathem of Newson A Femilia Bearway	Flumor F-E-Lymin	Personal of Personal of Perso	Flacturate for morth	Sana of San (Mring Serv spritt	Date of specific	Sugnature arth date of the Factory Mactical Officer / Factory Certifory
13	-	44.44		44.4	Certhode	undare.
B. 110/12		7.	1.3	2	-2-	1.8
17.	7.17			The second of th	Section of the sectio	
	3		And even control to the eventual and the second behavior in configuration by public countries of the control of the con-	The same of the sa	The state of the s	
CK. 24/m		The same of the sa				
KI- 5:11						
114- 68 Kgn						100000
6/2d games 8+					and Caracteristic Professional Professional States	100
				The second secon		
Sp - 118/72						The second secon
Chapt 02023						5
Pulse - 78 m.						120000
RR- 14/m						182
117 5111						DR. R. K. SHAKNIA
101 67Kga						Regat Nesson 1 215
Bano Bt						The state of the s
- 7						
190- 120/80	1					
Chout - clera						Cal Sweeper
76 pe - 80/m		The state of the s				100 8
PR- 14/112						1.0
						DR. R. K. SHIKUM
101 TOBYE.						Regd, No 5415
Bourge 8+						
					and the second	
80 - 116/FB	DY-	Access to the second se				
						CS 11.
1						1.01/ MEX
						100
						DR. R. K. SILLENIA
						Regd. No 5415
Breeze B						
Spiral on 19 a	7.0		618 0			I W. J. L.
3000			1	1		Pres 000 101
			10/0/	E	The second secon	50
Re in the			A MANAGE IN	R	To the second second second second second	X. K.
M 6' "	The state of the s		A TACK	17		Redd. 10 - 5-13
-				10		
6 grays - BT	dagement strategististististy errors and dage		100			
			F 114/			





VISHAL K GUPTA & CO.

Chartered Accountants

Royal Commercial Complex, Beside SBI ATM, Neamatpur - 713359 Contact Number: (91) 8768920648, E-Mail - casumit1989@yahoo.com

Unique Document Identification Number (UDIN) for this document is: 22317052BDGWBK7180

TO WHOM IT MAY CONCERN

We have checked the Books of Accounts and relevant records of M/s. Maithan Steel & Power Ltd., having its Registered Office at 9, AJC Bose Road, 6th Floor, Kolkata - 700 017 and Re-rolling Mill & M.S. Billet plant at Mouza: Nakrajoria, P.O.: Salanpur-713 357, Dist.: Paschim Bardhaman (W.B) based on our verification & examination and in accordance with the same as well as according to the information available & explanation given to us, we hereby certify that CER Budget and Actual Expenses incurred during F.Y. 2020-21, F.Y. 2021-22 & balance Budget F.Y. 2022-23 & 2023-24 by the company is hereunder:

	CER	Expenses	Incurred	Balance Budget
ACTIVITY	Budget	2020-21	2021-22	2022-24
Strengthening of villages approach roads, making drainages etc.	25.00	40.23		
Engaging under privilege women in self-help group to make them sustainable.	10.00	Miles and the second	Pr-02	
Infrastructure developments & assisting school in other renovation job	20.00	40,034	15.66	CER EXPNDITURE ACHIVED
Health Camp and Health Care facilities to villages.	15.00	25.16	9.83	REA
Sinking of new bore wells, pipelines in villages	35.00	40.34		NDITC
Providing supports & awareness of local farmers	5.00		10.38	ER EXP
Avenue plantation & plantation in community	10.00	35.76	***	0
Miscellaneous Expenses	10.00	2.00	5.55	
Total:	130.00	107.73	41.42	

Place: Neamatpur

Date: 16th of November, 2022

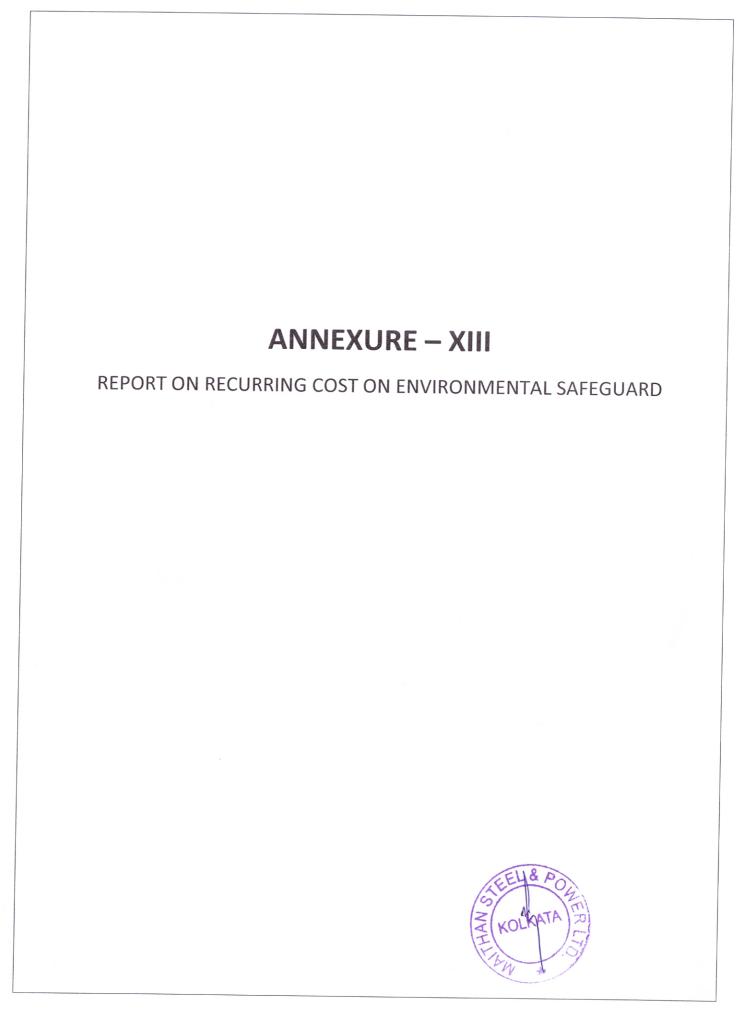
For Vishal K Gupta & Co. Chartered Accountants

Firm Registration No.:327842E

(Spirhit Agarwal)

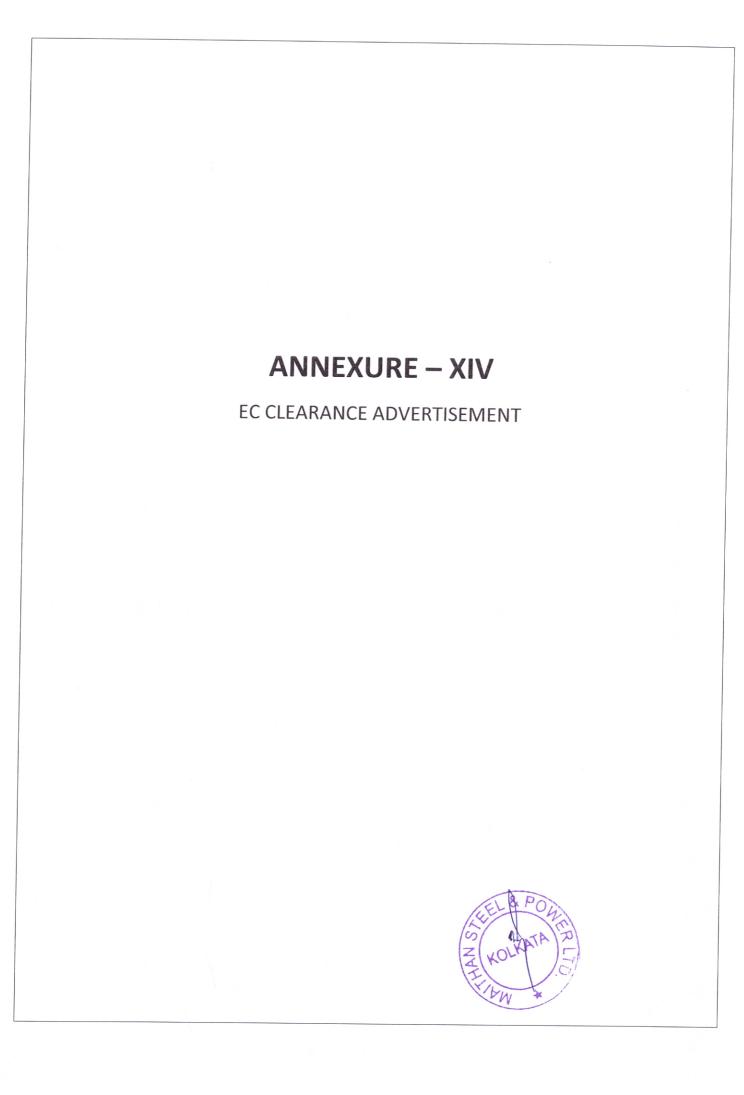
Partner

Membership No.: 317052



	Maiths	Maithan Steel & Power I td / II.; II.	
2.1		THE SECTION OF THE PLATE CONTINUE TO	
Year	Particulars	Narration	Amount
	Green Belt Development	Maintenance, labour cost etc.	4,10,000
Apr. 73 Con 32	House Keeping	Labour charges, Drainage Cleaning and other materials	7,69,200
67 das - 67 da	Analysis & Monitoring of Environmental Parameters	Analysis & Monitoring of Environmental Parameters Stack, Fugitive, Ambient, Water etc. Monitoring & Analysis, In-house Analysis	000'66
	O&M on APC Devices	Operation & Maintenance cost, Electricity consumption etc. on APC Device installed.	40.10.000
	TOTAL		52,98,000

Environment Department M.S Maithan Steel & Power Ltd





অনুস্বাসর পরিকা বিমান মাশুল অনুস্বাস্থ্য করিব ৪০০ মূলু বার্ক করিব ৪০০ মূলু বার্ক করিব ৪০০ মূলু বার্ক করিব ৪০০ মূলু বার্ক করিব ৪০০

क्तादित



শিবোদ বরণ ঘোষ
আজা- 12.6.1939
টাওয়া- 12.6.1939
টাওয়া- 2.7.2018
স্মৃতি কথা ছাখাপথ নক্ষত্র
গাড়েছে ঝুকে এখনও
রয়েছি বেচে তোমার স্মৃতি
নিয়ো হতভাগ্যহীনা-আনুপানা (স্ত্রী), আনিতা (বান্যা), প্রবীর (জামাতা) পার্মীর (মৌহিত্র), পার্মসার্মী (পুত্র), গার্গী (পুত্রবধ্য)। ঘোষ পরিবার উত্তরপাতা, 1019

নাম পরিবর্তন

This is for information that I, Birnal Kumar Ghoshal s/o Dwijendra Lal Ghoshal, declared vide affidavit No. 19/19 dated 28.05.2019 that my name is wrongly mentioned in my Navy Service Book (Navy Ex -Sea • 1, 94636 H) as Bimal Krishna Ghoshal in place of Bimal Kumar Ghosal (As mentioned in my Aadhar, Voter and Pan Card). Both are one and same identical person only.

<u>स्थालम</u>

A+ কিডনি চাই,
প্রকৃতনাতা পরিচয়পত্র সহ
সম্ভর যোগাযোগ করুন, ২৪
বছরের মহিলার জন্য।
Mobile-8420441081

আমাদের A+ O+ গ্রুপের একটি কিভনি প্রয়োজন। স্বইচ্ছায় আপনারা যোগাযোগ করুন, সমস্ত ভকুদেন্টস নিয়ে আসবেন, বয়স 26 থেকে 42 চলবে। M-7872500282

O+/ B+ blood group এর সচিত্র পরিচয় পত্রসহ কিডনী দাতা চাই। 7449440841.



শ্রীমতী প্রতিমা মুখোপাধ্যায়

আশিতম জন্যতিথিতে আমাদের প্রণাম।

শিপি পিছু

মানু

দশহরা। ২৮শে জ্যৈষ্ঠ, ১৪২৬

भाक्शस्त्राप



আমর্ গভীর দুংখের সমে জানাছি থে,
রুম্মা গুইঠাকুর্তা
গত ৩ জুন ২০১৯, সোমবার,
নিজ বাসভবন ৩৮, বালীগঞ্জ প্লেস,
কলকাতা-১৯-এ পরলোকগমন
করেছেন।
আগামী ১৫ জুন ২০১৯ শনিবার
সময়- সকলে ১০টা - ১টা
শ্রী চৈতন্য রিসার্চ ইনস্টিটিউট,
৭০বি রাসবিহারী এডিনিউ,
কলকাতা-২৬-এ তাঁর
পারলৌকিক ফ্রিয়া সম্পন্ন হবে।
আপনাদের উপস্থিতি প্রাথনীয়।

শোকসম্ভপ্ত- অমিত, অয়ন (পুরুষয়), শ্রমণা (কন্যা) ও গুহুঠাকুরতা পরিবার

স্মতির উদেশে

বন্ধু হে আমার রয়েছ দাঁড়ায়ে



আশিস সেনগুপ্ত

\$8.05.5865 - \$4.05.4056

রুমকি (সুদেষ্ণা), বিদ্ব (অর্থা), POL বুলু (সুমিত্রা), মা (প্রশ্না), ধ্বনি, গুডিড (অনুমধা), সাত্ত্বিক ও চাকলু (শৌনকুজিৎ)

ভোমার সৎ , নির্ভীক জীবন হোক আমাদের পাথেয়



রাজনৈতিক বিশ্লেষক অধ্যাপক ডঃ তমিয় চৌধুরীর প্রয়াণের (১২/৬/১৮) প্রথম বর্ষে শুণমুদ্ধ সুহুদ ও পরিবারবর্গ



দৃণালকান্তি গুপ্ত

"প্রভূ আমার প্রিয় আমার পরম ধন হে। চিরপথের সঙ্গী আমার চিরজীবন হে।" অধ্যাপক মৃণালকান্তি গুপ্তর প্রথম প্রয়াণ বার্ষিকীতে দুঃখ ও কষ্টের মধ্যে দিয়ে তাঁকে স্মরণ করি। চির সঙ্গীনি-শিপ্রা গুপ্ত।



স্বৰ্গীয় ভারতী বসু স্মরণে
"মরণে হাসিছ তুমি, কাঁদিছে তোমার সোমার সংসার, হায় আর কি কখমো ফিরে পাব সে জীবন"- শ্রী শিবব্রত বসু, ঘোলা।

1859867

तिकएनग



রবীন্দ্রনাথ নাথ (75)
শ্যামবর্ণ, পরণে ছিল নীল
রঙের লুঙ্গি হাফ হাতা জামা।
কথা বলতে পারেন না।
সন্ধান পেলে দয়া করে
যোগাযোগ করুন9231611738/ 8585862841

নোটিস

This is for the information of public that M/s Malthan Steel & Power Ltd, located at - Nakrajoria, PS -Salanpur, Dist. -Burdwan(W), has been granted Environmental Glearance from Ministry of Environment, Forest & Climate Change, Government of India, vide letter No: J-11011/697/2008-IA-II(I), dated 16th April, 2019 for expansion of its steel production capacity from 1,35,000 TPA to 3,75,000 TPA, Rolling mill capacity from 90,000 TPA to 2,97,000 TPA and to set up Cold Drawing Workshop of 33,000 TPA. Copies of clearance letter are available with Heads of local bodies, Panchayats and Municipal bodies and may also be seen http://environment clearance.nic.in/

অবহিত হইবেন যে আমার মজেল
আী সুজর জীমল, দুগতা প্রয়াত জুগল
জীমল সাধিন – ১৯/২, গড়িয়াহাট রোড, থানা: গড়িয়াহাট, কালআতা:
৭০০০১৯ – এর নিকট হইতে
আলিপুর ২৪ পরগনায় সাবে– রেজিক্টারের অভিনে রেজিস্টার্ড ১৯৬৯ বর্ষের নং ২৮৬৪ স্বরুপ রহি নং ১, ডলিউম নং ১২, পৃষ্ঠা ১২৫– ১৩১ সম্বলিত ২৪.০৫.১৯৬৯ ভারিধের একটি ইনাড়গ্ডর আছ কিছ ভোষা গিয়াহে। কোনও বাজি উজ দুলিল শুভিয়া পাইলে তিনি নিম্নবাক্ষরকারীর সহিত হ্যোপা্রাণ করিবেন:

সাৱনু সিৱে আাডভোকেট ফোন: ৯০০৭০৮৪৬২৫ ইয়েল santanuadv@yahoo

ব্যক্তিগত বিজ্ঞাপনের জন্য যোগাযোগ করুন 9831133455

9614115115

The Telegraph LASSI

The Telegraph AIR SURCHARGE

TRIPURA IMPHAL 1 00 MUMBALAND BEYOND. 5.00, DELHI AND BEYOND CHENNAL AND BEYOND BANGALORE PORT BLAIR 700

To book advertisements in The Telegraph Classified for Sunday 16.06.2019 please call: Calcutta* 9830993838 Outside Calcutta * 8017745199

IN MEMORIAM

One year on, the memories are only more vivid. You will be in our thoughts and conversations, always.



Asish Sengupta

14.01.1951 - 12.06.2018

Rumki (Sudeshna), Bimbo (Arghya) Bulu (Sumitra), Ma (Padma) Dhvani, Guddi (Anuradha) Sattick and Chaklu (Shaunakjeet).

OBITUARY

With profound sorrow, we wish to inform you the sad demise of Smt. Ruma Guha Thakurta on Monday 3rd June 2019 at her residence 38 Ballygunge Place, Kolkata19. Her Shradh Ceremony will be held on Sat 15th June 2019 Time 10 am to 1 pm at Srl Chaitanya Research Institute, 70B Rashbehari Deeply mourned by sons Amit, Ayan &

daughter Sromona and Guha Thakurta family.

Please join us in our prayers.

Disclaimer

This newspaper does vouch not OL subscribe to the claims and representations made by the advertisers. Readers are advised make appropriate enquiries before acting upon any advertisement.

NOTICE

This is for the information of public that M/s Maithan Steel & Power Ltd, located at -Nakrajoria, PS -Salanpur, Dist. Burdwan(W), has been granted Environmental Clearance from Ministry of Environment, Forest & Climate Change, Government of India. vide letter No: J-11011/697/2008-IA-II(I), dated 16th April, 2019 for expansion of its steel production capacity from 1,35,000 TPA to

3,75,000 TPA Rolling mill capacity from 90,000 TPA to 2.97,000 TPA and to set up Cold Drawing Workshop of 23,000 TPA. Copies of clearysice letter are available with Heads of local bodies Panchayats and Municipal bodies and may also be seen http://environment clearance nic.in

SRIMAL son of Scimal residing Parahat Road, Po Ganghar Kabat Anyone having P Caim objection ALL THAT IS 08 cottati 09 feet w d building square feet Mouza-Bade Rapur as P.5. Regent Estate ore Raipu under Kolkati Corporation Police Stationrecration Ward reviously - To

Santanu Singha Advocate Ph: 9007084825 E Mail santanuady

le as e note that a lease dated 2 aring Book No 32, Pages 125-2864 for the gistered with Sub-Registrar 24 Parganas, is from my client S-SR MAL, son of residing Srima Gariahat Road Station-Gariahat, Kolyata 70 019. Any one if finds th said deed please contact the undersigned.

Santanu Singha Advocate Ph: 9007084525 E.Mail santanuady Syahoo in

TENDER

ULUBERIA MUNICIPALITY Uluberia, Howrah

Email: uluberia.municipality @gmail.com

Tender Notice Notice inviting Tender NIT - WB/MAD UM/ 04/e-Tender/2019-20 dated 10.06,2019 for Purchase of D.I. Pipe Details are available in www.wbtender.gov.in www.uluberia municipality.org

Executive Officer

E-TENDER Secretary, Purbs Medining Zila Eximite State of developmental P ng on 03/6 oon. Pi nders um (through Org. West Bengal State

Marketing Board) for

further details.

Notice Inviting Quotation

Consultancy Services for conducting Feasibility Study & Subsequent preparation of DPR for the

1) Construction of flyover from junction of A.J.C. Bose Road with Alipur Road near Alipore Zoo to Tollygunge Tram Depot near Tolly Club through the Tolly Canal, in Kolkata, West Bengal.

Tender ID: 2019_SH_227488_1 Tender Reference Number: NIQ-01/2019-20/EE/SHPD-LPW(R)DTE

2) Construction of flyover from Soujanya to Ballygunj Phari through Hazra Road with three arms (A) towards Rashbehari More at S.P. Mukherjee Road Crossing, (B) towards Deshapriya Park at Sarat Bose Road Crossing & (C) towards National Library near Bekar Road and Belvedere Road in Kolkata, West Bengal.

> Tender ID: 2019_SH_227524_1 Tender Reference Number: NIQ-02/2019-20/EE/SHPD-I PW(R)DTE

Tender documents are available in the website of https://wbtenders.gov.in

> **Executive Engineer Southern Highway** Planning Division-I P.W.(Roads) Directorate

DICO/S24PGS/3515 Dt-11.06.2019

ABRIDGED NOTICE INVITING e-TENDER WBIW/SE/WC-III/NIT-01e/2019-20

Superintending Engineer, Western Circle-III invites of online tender for 13 (thirteen) nos, civil works in Block, Kolaghat, Panskura, Pataspur-I & II, Ramnagar-I in District Purba Medinipur and under this Circle. A.P.T. ranging from 49.74 lakh to Rs. 406.81 lakh. Tender forms and other details may be obtained from the departmental website www.wbiwd.gov.in and http://etender.wb.nic.in (direct site) Last date of submission of e-bid online is 04.07.2019 upto 17:00 hrs.

> [Sd/- G.P. Ghash] Superintending Engineer Western Circle-III, I&W Dte Tamluk, Purba Medinipur

कोलकाता पत्तन ऱ्यास KOLKATA PORT TRUST HALDIA DOCK COMPLEX

NOTICE INVITING APPLICATION RFQ/Tender No.: GM(Engg)/T/47/2019-2020 for "Mechanization of Berth No.3 on Design, Build, Finance, Operate, Transfer ("DBFOT") basis" at Haldia

Dock Complex for a concession period of thirty (30) years." Estimated Cost: Rs.331.94 Crores The schedule of different activities till submission of the applications is as under:

From 11.06.2019 Download period of **RFQ** Document at 10.00 hrs Last date of receiving 17.00 hrs 2 queries regarding RFQ 05.07.2019 Date of Pre-Application 11.00 hrs on 10.07.2019 Conference 17.00 hrs Authority response to 17.07.2019 queries latest by Upto 15.00 hrs Last date of submission on 25.07.2019 of RFQ Applications Date of Opening of RFQ After 15.30 hrs on 25.07.2019 Application

Note: Any updation/amendment in the RFQ will be uploaded on the Authority's website only viz. http://kolkataporttrust.gov.in

please call:

Calcutta * 7044400205

Outside Calcutta

· 9614115115

STATE HEALTH & FAMILY To book advertisements WELFARE SOCIETY TRIPURA in The Telegraph (NATIONAL HEALTH MISSION) Classified for Request for Proposal Tender Ref.: No. F.3(4-8)-PLAN/DHS/2006/Vol-Sunday 16.06.2019

X(SUB) Dated: 06/06/2019 Request for Proposal Teleophthalmology Services

fren expe firm Som Data Tele Con The cond docus avai e-pre port: tript subn

onlin For a the F corri e-pro porta prosi

requthem porta

> D Mi

ENGI DIVI G

S

invite

FOP " wider Statis JOH k Sur Ranie and e TPC With Mone Time Date 29th

Gukt

For m

visit: I

tende

E

ADM

THE W Traini Plann Admir 19. On applic to B.E start f Visit L (www. details