Environmental Six Monthly Compliance Report

(Period: October, 2023 to March, 2024)

Refer:

- 1.MoEF&CC File No. J-11011/223/2012-IA II (I)) dated 19th February, 2016 (Environmental Clearance by the Name of M/s Bhagwati Sponge Pvt. Ltd.)
- 2. MoEF&CC File No. J-11011/223/2012-IA II (I)) dated 15th October, 2020 (Company Name Change from M/s Bhagwati Sponge Pvt. Ltd. to M/s RAIC Integrated Sponge and Power Pvt. Ltd.)

For

Status of Environmental Clearance Conditions for Proposed expansion of existing Sponge Iron Plant and CPP by installation of 2x9 MVA submerged Arc Furnaces

At

Village Ikra, Jamuria, Jamuria Industrial Estate, District Burdwan, West Bengal

Project Proponent

M/s RAIC Integrated Sponge & Power Private Limited

(Erstwhile M/s Bhagwati Sponge Private Limited)

25, Ganesh Chandra Avenue, 4th Floor, Kolkata-700 013

STATUS OF ENVIRONMENTAL CLEARANCE CONDITIONS FOR THE PERIOD OCTOBER,2023 TO MARCH,2024 FOR PROPOSED EXPANSION OF EXISTING SPONGE IRON PLANT AND CPP BY INSTALLATION OF 2X9 MVA SUBMERGED ARC FURNACES AT VILLAGE IKRA, JAMURIA, JAMURIA INDUSTRIAL ESTATE, DISTRICT PASCHIM BURDWAN, WEST BENGAL BY M/S RAIC INTEGRATED SPONGE AND POWER PVT. LTD. (ERSTWHILE M/S BHAGWATI SPONGE PVT. LTD.)

Refer:

- 1. MoEF&CC File No. J-11011/223/2012-IA II (I)) dated 19th February, 2016 (Environmental Clearance by the Name of M/s Bhagwati Sponge Pvt. Ltd.)
- MoEF&CC File No. J-11011/223/2012-IA II (I)) dated 15th October, 2020 (Company Name Change from M/s Bhagwati Sponge Pvt. Ltd. to M/s RAIC Integrated Sponge and Power Pvt. Ltd.)

M/s Bhagwati Sponge Pvt. Ltd. received an Environmental Clearance vide File No. J-11011/223/2012-IA II (I)) dated 19th February, 2016 from MoEF&CC. Meanwhile the Company name was changed from M/s Bhagwati Sponge Pvt. Ltd. to M/s RAIC Integrated Sponge and Power Pvt. Ltd. Accordingly, MoEF&CC issued Environmental Clearance vide File No. J-11011/223/2012-IA II (I)) dated 15th October, 2020 by the name of M/s RAIC Integrated Sponge and Power Pvt. Ltd.

The compliance status of the special conditions and general conditions, as issued by MoEF&CC (File No. J-11011/223/2012-IA-II-(I), dated 15th October, 2020) in the Environmental Clearance is discussed below:

A. SPECIFIC CONDITIONS:

SI. No.	SPECIFIC CONDITIONS	REPLY AS ON 30.05.2024
i.	The project proponent should install 24x7 air devices to monitor air emission, as provided by CPCB and submit report to Ministry and its Regional Office.	Continuous On-line ambient air quality monitoring facility is installed within the plant premises.
ii.	Stack of adequate height & diameter with continuous stack monitoring facilities for all the stacks shall be provided and sufficient air pollution control devices viz. Electrostatic precipitator (ESP), bag house, bag	Six Continuous monitoring systems with the relevant stacks attached with the existing 350 TPD & 3x100 TPD DRI kilns, AFBC Boiler and Ferro Alloy Plant respectively is already installed.

	filters etc. shall be provided to keep the emission levels below 50 mg/Nm³ and installing energy efficient technologies in the Plant.	High efficiency bag filters is installed with 3x15 T Induction Furnaces & 1x9 MVA Submerged Arc Furnace, Electrostatic precipitators (ESPs) with Waste Heat Recovery Boilers (WHRBs) and AFBC Boiler to arrest particulate matters, within the desired level. Besides, Dry fogging system with mobile Water Sprinkling System is being operated to control fugitive emissions inside the plant area. The Stacks Emission reports is enclosed as Annexure-I .
iii.	Gaseous emission levels including secondary fugitive emissions from all the sources shall be controlled within the latest permissible limits issued by the Ministry vide G.S.R. 414(E) dated 30 th May, 2008 and regularly monitored. Guidelines/ Code of Practice issued by the CPCB shall be followed.	Gaseous emission levels including secondary fugitive emissions from the relevant sources is being controlled within the latest permissible limits. Guidelines/ Code of Practice issued by the CPCB is being followed. The fugitive emission reports within the project site is enclosed as Annexure-I .
iv.	Waste heat recovery boiler based on the heat recovered from the entire plant (existing and proposed) should be installed.	Waste Heat Recovery Boilers (WHRBs) in existing project is installed with the 3x100 TPD + 1x350 TPD DRI Kilns.
V.	AFBC boiler should be installed to use the whole char and coal for power generation.	Dolochar from the DRI kilns which is under operation is being used in 4 MW capacity AFBC boiler for captive power generation.
vi.	Dust suppression system and bag filters shall be installed to control the fugitive dust emissions at conveyor and transfer points, product handling, loading and unloading points.	Adequate control measures like Dry Fog system, water sprinklers, bag filters already installed at relevant points within the plant area.
vii.	Rainwater harvesting scheme shall be prepared so that the rainwater can be collected, re-used and may be used for ground water recharge. The concrete drains shall be de-silted and regular supervision of the areas shall be carried out so that blocking of drains may be avoided for quick discharge of rainwater. Efforts shall further be made to use maximum water from the rain water harvesting sources. If needed, capacity of the reservoir shall be enhanced to meet	Rainwater Harvesting system is constructed within the plant premises. This harvested rain water is being used for greenery purpose, other non-critical purpose within the project site. Provision for ground water recharging is not made as ground water recharging is not allowed by WBPCB. To avoid blocking of the concrete drains regular supervision is being carried out for

	the maximum water requirement.	quick discharge of rain water.
Viii.	Greenbelt of approximately 15-20 meter width consisting of a 3-tier of trees consisting of species with thick canopy shall be developed all along the periphery of the plant, roads, vacant spaces, transfer points, etc. as part of 33% of total plant area.	The Company is already developed 33% of the total area for Greenery purpose.
ix.	All the effluents shall be treated and reused for dust suppression / green belt development. No effluent shall be discharged and 'zero' discharge shall be adopted.	The plant is designed, based on zero discharge concept. The waste water from cooling tower will be recirculated through cooling and treatment. The treated waste water is being used in dust suppression & Greenery purpose within the plant premises. Domestic waste water is being treated in septic tank – soak pit system.
X.	Proper utilization of fly ash shall be ensured as per Fly Ash Notification, 1999 and subsequent amendment in 2003 and 2010. All the fly ash shall be provided to cement and brick manufacturers for further utilization and Memorandum of Understanding shall be submitted to the Ministry's Regional Office at Bhubaneswar.	Presently, fly ash from AFBC boiler is being used for brick making / in cement plant.
Xi.	Hazardous materials required during construction phase and in plant operations shall be stored properly as per the regulations and reused/recycled as per the E(P)A Rules.	Hazardous chemicals / materials like oils, paints, and other chemicals etc. used in the construction phase stored safely & disposed through the authorized recycler.
		The solid waste generation from the factory is Used / Spent Oil. Such oils removed from machineries, gear boxes, compressors etc. and sludge are collected in drums and temporarily stored in specifically earmarked areas.
		Finally, they are disposed through the approved agencies by SPCB/CPCB.
xii.	Vehicles and construction machinery are properly maintained to minimize	Vehicles plying within the plant are not exceeding the speed limit of 25 km/hr. All

	the exhaust emission as well as noise generation to meet prescribed standards.	vehicles involved in the construction was properly maintained to meet prescribed standards. In future vehicles that will be used in construction phase of the proposed remaining units will be maintained properly.
xiii.	Risk and Disaster Management Plan along with the mitigation measures shall be prepared and implemented.	The mitigation measures against "Risk and Disaster Management Plan" is implemented in the plant area as mentioned in the EIA Report.
xiv.	All the commitments made to the public during public hearing/ public consultation shall be satisfactorily implemented and adequate budget provision shall be made accordingly.	The project was exempted from the requirement of Public Hearing as per the prevailing rule because the project was located in a Notified Jamuria Industrial Area.
		Commitments made in the proposed CSR programme like Infrastructure Development, Education, Health & Nutrition, Improvement of Yield of Agriculture Crops, Environment Support etc. will be compiled by the Company.
		The Management is interacting with the local community to understand the exact need of the local population and also considering the commitments made on the issue, appropriate and need based CER programmes will be considered.
XV.	All the permanent workers shall be covered under ESI Scheme. The company shall have provision for treatment of its workers at the local Nursing Homes & Hospitals in case of	Periodical medical checkup is being carried out through reputed medical agencies. All permanent workers are under Local ESI Hospital at Jamuria / Asansol / Raniganj.
	emergency. Annual Medical Check-up on some medical parameters like Blood test, Chest X-Ray, Eye test, Audiometry, Spirometry etc. shall be conducted amongst the employees of the Company and records thereof maintained.	Annual Medical Check-up on some medical parameters like Blood test, Eye test etc. is being conducted amongst the employees of the Company under the guidance of local reputed Doctor. Special test if recommended by the Doctor is being done in the local reputed Diagnostic Center/ Nursing Home.
xvi.	At least 5% of the total cost of the project shall be earmarked towards the Enterprise Social Commitment	Commitments made in the proposed CSR programme like Infrastructure Development, Education, Health & Nutrition, Improvement of

(ESC) based on local needs. The proponent shall prepare a details CSR Plan for every next 5 years for the existing-cum-expansion project, which includes village-wise, sector-wise (Health, Education, Sanitation, Health, Skill Development and infrastructure requirements such as strengthening of village roads, avenue plantation, etc.) activities in consultation with the local communities and administration. The CSR Plan will include the amount of 2% retain annual profits as provided for in Clause 135 of the Companies Act, 2013 which provides for 2% of the average net profits of previous 3 years towards CSR activities for life of the project. A separate budget head shall be created and the annual capital and revenue expenditure on various activities of the plant shall be submitted as per of the Compliance Report to RO, at Bhubaneswar. The details of the CSR Plan shall also be uploaded on the company website and shall also be provided in the Annual Report of the company.

Yield of Agriculture Crops, Environment Support, Drinking Water Facility, Donations etc. is being compiled by the Company.

The Management is interacting with the local community to understand the exact need of the local population and also considering the commitments made on the issue, appropriate and need based CER programmes will be considered.

B. GENERAL CONDITIONS:

SL. NO.	GENERAL CONDITIONS	REPLY AS ON 30.05.2024
i.	The project authorities must strictly adhere to the stipulations made by the West Bengal Pollution Control Board and the State Government.	Stipulations laid down by the West Bengal Pollution Control Board are being followed.
ii.	No further expansion or modifications in the plant shall be carried out without prior approval of the Ministry of Environment, Forests and Climate Change (MoEF&CC).	There will be no modification or expansion of the unit shall be carried out without prior approval of the Ministry of Environment, Forest and Climate Change (MoEF&CC).
iii.	At least four ambient air quality monitoring stations should be established in the downward direction as well as where maximum ground level	Ambient Air Quality data is monitored for the period of October, 2023 to March, 2024 in & around the project site. Air quality data is enclosed as Annexure-I .

	concentration of PM_{10} , $PM_{2.5}$, SO_2 and NO_x are anticipated in consultation with the SPCB. Data on ambient air quality and stack emission shall be regularly submitted to this Ministry including its Regional Office at Bhubaneswar and the SPCB/CPCB once in six months.	
iv.	Industrial wastewater shall be properly collected, treated so as to conform to the standards prescribed under GSR 422 (E) dated 19 th May, 1993 and 31 st December, 1993 or as amended form time to time. The treated waste water shall be utilized for plantation purpose.	The plant is designed as a zero discharge plant as far as the process effluents are concerned. The waste water from cooling tower is being recirculated through cooling and treatment for proposed units. The treated waste water is being used for various purposes inside the plant.
		Domestic waste water is being treated in septic tank – soak pit system.
V.	The overall noise levels in and around the plant area shall be kept well within the standards (85 dBA) by providing noise control measures including acoustic hoods, silencers, enclosures etc. on all sources of noise generation. The ambient noise levels should conform to the standards prescribed under EPA Rules, 1989 viz. 75 dBA (daytime and 70 dBA (nighttime).	Appropriate noise control measures in the form of silencers, sound proof enclosures etc. is installed to control noise pollution within the existing plant area. Noise level at different locations is monitored. Monitored results for the period October, 2023 to March, 2024 is attached as Annexure-I.
vi.	Occupational health surveillance of the workers shall be done on a regular basis and records maintained as per the Factories Act.	Already discussed above.
vii.	The company shall develop rain water harvesting structures to harvest the rain water for utilization in the lean season besides recharging the ground water table.	Rainwater Harvesting system is constructed within the plant premises. This harvested rain water is being used for greenery purpose, other non-critical purpose within the project site. Provision for ground water recharging is not made as ground water recharging is not allowed by WBPCB.
viii.	The project proponent shall also comply with all the environmental protection measures and safeguards recommended in the EIA/EMP report.	The company is being complied all the environmental protection measures and safeguards recommended in the EIA/EMP report.

	Further, the company must undertake socio-economic development activities in the surrounding villages like community development programmes, educational programmes, drinking water supply and health care etc.	The Management is interacting with the local community to understand the exact need of the local population. Based on such efforts, appropriate and need based CER programmes will be considered.
ix.	Requisite funds shall be earmarked towards capital cost and recurring cost/annum for environment pollution control measures to implement the conditions stipulated by the Ministry of Environment, Forest and Climate Change (MoEF&CC) as well as the State Government. An implementation schedule for implementing all the conditions stipulated herein shall be submitted to the Regional Office of the Ministry at Bhubaneswar. The funds so provided shall not be diverted for any other purpose.	The requisite funds are considered by the company towards capital cost and recurring cost for environment pollution control measures for the overall project. The earmarked funds is not being used for any other purposes other than pollution control efforts as stated above.
X.	A copy of clearance letter shall be sent by the proponent to concerned Panchayat, Zila Parishad / Municipal Corporation, Urban Local Body and the local NGO, if any, from whom suggestions/representations, if any, were received while processing the proposal. The clearance letter shall also be put on the web site of the company by the proponent.	The copy of the environmental clearance is already submitted to the Heads of local body (refer Annexure-II). The copy of Environmental Clearance is already uploaded in the Company website (www.adukiaindustries.com).
xi.	The project proponent shall upload the status of compliance of the stipulated environment clearance conditions, including results of monitored data on their website and shall update the same periodically. It shall simultaneously be sent to the Regional Office of the MoEF&CC at Bhubaneswar The respective Zonal Office of CPCB and the SPCB. The criteria pollutant levels namely; PM ₁₀ , SO ₂ , NO _x (ambient levels as well as stack emissions) or critical sectoral parameters, indicated for the projects shall be monitored and displayed at a convenient location near	The Compliance Report is being submitted to the Integrated Regional Office of MoEF&CC, Kolkata.

	the main gate of the company in the public domain.	
xii.	The project proponent shall also submit six monthly reports on the status of the compliance of the stipulated environmental conditions including results of monitored data (both in hard copies as well as by e-mail) to the Regional Office of MoEFCC, the respective Zonal Office of CPCB and the SPCB. The Regional Office of this Ministry at Bhubaneswar/ CPCB/ SPCB shall monitor the stipulated conditions.	The Compliance Report is being submitted to the Integrated Regional Office of MoEF&CC, Kolkata.
xiii.	The environmental statement for each financial year ending 31st March in Form-V as is mandated to be submitted by the project proponent to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company along with the status of compliance of environmental conditions and shall also be sent to the respective Regional Office of the MoEF&CC at Bhubaneswar by e-mail.	Environmental Statement is prepared and Enclosed as Annexure-III.
xiv.	The Project Proponent shall inform the public that the project has been accorded environmental clearance by the Ministry and copies of the clearance letter are available with the SPCB and may also be seen at Website of the Ministry of Environment, Forest and Climate Change (MoEF&CC) at http:/envfor.nic.in. This shall be advertised within seven days from the date of issue of the clearance letter, at least in two local newspapers that are widely circulated in the region of which one shall be in the vernacular language of the locality concerned and a copy of the same should be forwarded to the Regional office at Bhubaneswar.	Advertisement published after accorded Environmental Clearance (EC) had been done in English & Bengali newspapers and enclosed as Annexure-IV .
XV.	Project authorities shall inform the Regional Office as well as the Ministry,	Complied.

Six Monthly Compliance Report for status of Environmental Clearance Conditions for Proposed expansion of existing Sponge Iron Plant and CPP by installation of 2x9 MVA submerged Arc Furnaces at village Ikra, Jamuria, Jamuria Industrial Estate, District Paschim Burdwan in West Bengal

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the date of financial closure and final approval of the project by the concerned authorities and the date of	
commencing the land development work.	

List of Annexures:

Annexure-I: Stacks Emissions Reports, Ambient Air Quality Data, Fugitive Emissions Reports & Ambient Noise Level Data

Annexure-II: Receipt copy after submission of accorded Environmental Clearance (EC) to Local Body .

Annexure-III: Filled up Environmental Statement (Form-V)

Annexure-IV: Advertisement published after accorded Environmental Clearance (EC)



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CIN NO: U74210WB1989PTC047403



ANNEXURE-I

ANALYSIS REPORT OF FLUE GAS

Name of Industry	M/s. RAIC Integrated Sponge & Power Pvt. Ltd.	
	(Erstwhile M/s. Bhagwati Sponge Pvt. Ltd.)	
Address	Vill: Ikra, Jamuria, Jamuria Industrial Estate, Dist: Paschim Barddhaman, W.B	
Date of Sampling	10.10.2023	

A.	General Information about stack					
1	Stack connected to		DRI Kilns			
2	Emission due to		Process E	Emission		
3	Material of Construction of Stack		M.S			
4	Shape of Stack		Circular			
5	Whether Stack is provided with Permanent Platform &	Ladders	1	Permanent		
6	Capacity		2 X 100 TPD			
В.	Physical Characteristics of Stack					
1	Height of the stack					
	(a) from Ground Level (m)		32.0			
	(b) from Roof Level (m)		-			
2	Diameter of the stack					
	(a) at bottom (m)		-			
	(b) at top (m)		-	-		
3	Diameter of the stack at sampling point (m)		0.9			
4	Height of the sampling point from GL (m)		-			
C.	Analysis/Characteristics of Stack					
1	Fuel used		-			
2	Fuel consumption		-			
D	Field Study of Stack(s)	Reference	e Method	Concentration	Standard	
1	Temperature of emission (°C)	IS 11255	(Part 1)	110	-	
2	Barometric Pressure (mmHg)	-	-	754	-	
3	Velocity of gas in duct (M/sec)	IS 11255	(Part 3)	9.24	-	
4	Quantity of gas flow (Nm ³ /hr)	IS 11255	5 (Part 3)	16117	-	
5	Concentration of CO (% V/V)	IS 13270		-	-	
6	Concentration of CO ₂ (% V/V)	IS 13270		7.6	-	
E	Laboratory Test Result(s)				-	
7	Concentration of SO ₂ (mg/Nm ³)	IS 11255 (Part 2)		-	-	
<u> </u>		LICEDA	Mathad 7			
8	Concentration of NOx (mg/Nm³)	US EPA,		_	-	
8 9	Concentration of PM (mg/Nm³)	US EPA, IS 11255		22	50	
8 9 10	Concentration of PM (mg/Nm³) Concentration of PM (mg/Nm³) at 12% CO ₂			22	50	
8 9	Concentration of PM (mg/Nm³)					

Note: - Contents of this report are meant for your guidance and should not be used for Advertisement, Evidence or Litigation
- The Physical information about stack details (viz. height, diameter etc.) were provided by respective Industry/Party

For ENVIROTECH EAST PVT. LTD.



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CIN NO: U74210WB1989PTC047403

ANALYSIS REPORT OF FLUE GAS

Name of Industry	M/s. RAIC Integrated Sponge & Power Pvt. Ltd. (Erstwhile M/s. Bhagwati Sponge Pvt. Ltd.)
Address	Vill: Ikra, Jamuria, Jamuria Industrial Estate, Dist: Paschim Barddhaman, W.B
Date of Sampling	10.10.2023

A.	General Information about stack						
1	Stack connected to		DRI Kiln	DRI Kiln			
2	Emission due to		Process Emission				
3	Material of Construction of Stack		M.S				
4	Shape of Stack		Circular				
5	Whether Stack is provided with Permanent Platform &	& Ladders	Permanen	t			
6	Capacity		1 X 100 T	PD			
B.	Physical Characteristics of Stack						
1	Height of the stack						
	(a) from Ground Level (m)		32.0				
	(b) from Roof Level (m)		-				
2	Diameter of the stack						
	(a) at bottom (m)		-				
	(b) at top (m)	(b) at top (m)		-			
3	Diameter of the stack at sampling point (m)		0.6				
4	Height of the sampling point from GL (m)						
C.	Analysis/Characteristics of Stack						
1	Fuel used	Fuel used					
2	Fuel consumption	ption					
D	Field Study of Stack(s)	Referenc	e Method	Concentration	Standard		
1	Temperature of emission (°C)	IS 1125	5 (Part 1)	103	-		
2	Barometric Pressure (mmHg)		-	754	-		
3	Velocity of gas in duct (M/sec)	IS 1125:	5 (Part 3)	8.4	-		
4	Quantity of gas flow (Nm ³ /hr)	IS 1125:	5 (Part 3)	6633	-		
5	Concentration of CO (% V/V)	IS 1	3270	-	-		
6	Concentration of CO ₂ (% V/V)	IS 1	3270	7.1	-		
E	Laboratory Test Result(s)				-		
7	Concentration of SO ₂ (mg/Nm ³)	IS 1125:	5 (Part 2)	-	-		
8	Concentration of NOx (mg/Nm ³)	US EPA,	Method 7	-	-		
9	Concentration of PM (mg/Nm ³)	IS 1125	5 (Part 1)	19.0	50		
10	Concentration of PM (mg/Nm³) at 12% CO ₂		-	-	_		
E	Pollution Control Device		_				
	Details of pollution control device attached with the stack	ESP					
ote : -	- Contents of this report are meant for your guidance and should no	ot be used for	Advertisement	Evidence or Litigation			

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- The Physical information about stack details (viz. height, diameter etc.) were provided by respective Industry/Party

For ENVIROTECH EAST PVT. LTD.



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CIN NO: U74210WB1989PTC047403

ANALYSIS REPORT OF FLUE GAS

Name of Industry	M/s. RAIC Integrated Sponge & Power Pvt. Ltd.	
	(Erstwhile M/s. Bhagwati Sponge Pvt. Ltd.)	
Address	Vill: Ikra, Jamuria, Jamuria Industrial Estate, Dist: Paschim Barddhaman, W.B	
Date of Sampling	10.10.2023	

A.	General Information about stack					
1	Stack connected to			DRI Kiln		
2	Emission due to		Process Emission			
3	Material of Construction of Stack		M.S			
4	Shape of Stack		Circular			
5	Whether Stack is provided with Permanent Platform &	& Ladders	Permanen	t		
6	Capacity		1 X 350 T	PD		
B.	Physical Characteristics of Stack					
1	Height of the stack					
	(a) from Ground Level (m)		55.0			
	(b) from Roof Level (m)		-			
2	Diameter of the stack					
	(a) at bottom (m)		-			
	(b) at top (m)					
3	Diameter of the stack at sampling point (m)	1 /				
4	Height of the sampling point from GL (m)		-			
C.	Analysis/Characteristics of Stack					
1	Fuel used		-			
2	Fuel consumption		-			
D	Field Study of Stack(s)	Reference	e Method	Concentration	Standard	
1	Temperature of emission (°C)	IS 1125	5 (Part 1)	109	-	
2	Barometric Pressure (mmHg)		-	754	-	
3	Velocity of gas in duct (M/sec)	IS 1125	5 (Part 3)	8.95	-	
4	Quantity of gas flow (Nm ³ /hr)	IS 1125	5 (Part 3)	37884	-	
5	Concentration of CO (% V/V)	IS 1	3270	-	-	
6	Concentration of CO ₂ (% V/V)	IS 1	3270	7.7	-	
E	Laboratory Test Result(s)	•			-	
7	Concentration of SO ₂ (mg/Nm ³)	IS 1125	5 (Part 2)	-	-	
8	Concentration of NOx (mg/Nm³)	US EPA,	Method 7	-	-	
9	Concentration of PM (mg/Nm ³)	IS 1125	5 (Part 1)	25.0	50	
10	Concentration of PM (mg/Nm³) at 12% CO ₂		-	-	-	
E	Pollution Control Device					
	Details of pollution control device attached with the stack	ESP	<u> </u>			
te : -	- Contents of this report are meant for your guidance and should not be used for Advertisement, Evidence or Litigation					

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CIN NO: U74210WB1989PTC047403

ANALYSIS REPORT OF FLUE GAS

Name of Industry	M/s. RAIC Integrated Sponge & Power Pvt. Ltd.	
	(Erstwhile M/s. Bhagwati Sponge Pvt. Ltd.)	
Address	Vill: Ikra, Jamuria, Jamuria Industrial Estate, Dist: Paschim Barddhaman, W.B	
Date of Sampling	11.10.2023	

A.	General Information about stack				
1	Stack connected to		Induction Furnaces (IFs) + Submerger		+ Submerged
			Arc Furnace (SAF)		
2	Emission due to		Process Emission		
3	Material of Construction of Stack		M.S		
4	Shape of Stack		Circular		
5	Whether Stack is provided with Permanent Platform &	Ladders	Permanen		
6	Capacity		3 X 15 T	IFs + 1 X 9 MVA S	SAF
B.	Physical Characteristics of Stack				
1	Height of the stack				
	(a) from Ground Level (m)		30.0		
	(b) from Roof Level (m)		-		
2	Diameter of the stack				
	(a) at bottom (m)		-		
	(b) at top (m)		-		
3	Diameter of the stack at sampling point (m)		0.75		
4	Height of the sampling point from GL (m)		-		
C.	Analysis/Characteristics of Stack	ysis/Characteristics of Stack			
1	Fuel used		-		
2	Fuel consumption		-		
D	Field Study of Stack(s)	Referenc	e Method	Concentration	Standard
1	Temperature of emission (°C)	IS 1125	5 (Part 1)	98	-
2	Barometric Pressure (mmHg)		-	753	-
3	Velocity of gas in duct (M/sec)	IS 1125	5 (Part 3)	8.12	-
4	Quantity of gas flow (Nm ³ /hr)	IS 1125	5 (Part 3)	10147	-
5	Concentration of CO (% V/V)	IS 1	3270	-	-
6	Concentration of CO ₂ (% V/V)	IS 13270		4.0	-
E	Laboratory Test Result(s)				-
7	Concentration of SO ₂ (mg/Nm ³)	IS 11255 (Part 2)		-	-
8	Concentration of NOx (mg/Nm³)	US EPA,	Method 7	-	-
9	Concentration of PM (mg/Nm ³)	IS 1125	5 (Part 1)	23	50
10	Concentration of PM (mg/Nm³) at 12% CO ₂		-	-	-
E	Pollution Control Device				
	Details of pollution control device attached with the stack	Bag Filter			
				T 11 T 12 21	

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CIN NO: U74210WB1989PTC047403

ANALYSIS REPORT OF FLUE GAS

Name of Industry	M/s. RAIC Integrated Sponge & Power Pvt. Ltd.	
	(Erstwhile M/s. Bhagwati Sponge Pvt. Ltd.)	
Address	Vill: Ikra, Jamuria, Jamuria Industrial Estate, Dist: Paschim Barddhaman, W.B	
Date of Sampling	11.10.2023	

A.	General Information about stack					
1	Stack connected to		AFBC Bo	oiler		
2	Emission due to		Burning of Coal & Dolochar			
3	Material of Construction of Stack		Brick			
4	Shape of Stack		Circular			
5	Whether Stack is provided with Permanent Platform &	Ladders	Permanen	ţ		
6	Capacity		4.0 MW			
В.	Physical Characteristics of Stack					
1	Height of the stack					
	(a) from Ground Level (m)		55.0			
	(b) from Roof Level (m)		-			
2	Diameter of the stack					
	(a) at bottom (m)		-			
	(b) at top (m)		-			
3	Diameter of the stack at sampling point (m)		0.80			
4	Height of the sampling point from GL (m)		-			
C.	Analysis/Characteristics of Stack					
1	Fuel used		Coal & Do	olochar		
2	Fuel consumption		Coal - 32	000 TPA & Dolocha	ır - 27000 TPA	
D	Field Study of Stack(s)	Reference	e Method	Concentration	Standard	
1	Temperature of emission (°C)	IS 1125	5 (Part 1)	111	-	
2	Barometric Pressure (mmHg)		-	753	-	
3	Velocity of gas in duct (M/sec)	IS 1125	5 (Part 3)	9.5	-	
4	Quantity of gas flow (Nm ³ /hr)	IS 1125	5 (Part 3)	13034	-	
5	Concentration of CO (% V/V)	IS 1	3270	-	-	
6	Concentration of CO ₂ (% V/V)	IS 1	3270	7.9	-	
E	Laboratory Test Result(s)				-	
7	Concentration of SO ₂ (mg/Nm ³)	IS 1125	5 (Part 2)	-	-	
8	Concentration of NOx (mg/Nm ³)	US EPA, Method 7		-	-	
9	Concentration of PM (mg/Nm ³)	IS 1125	IS 11255 (Part 1) 27		30	
10	Concentration of PM (mg/Nm ³) at 12% CO ₂			-		
E	Pollution Control Device				-	
	Details of pollution control device attached with the stack	ESP				
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CIN NO: U74210WB1989PTC047403

ANALYSIS REPORT OF FLUE GAS

Name of Industry	M/s. RAIC Integrated Sponge & Power Pvt. Ltd.	
	(Erstwhile M/s. Bhagwati Sponge Pvt. Ltd.)	
Address	Vill: Ikra, Jamuria, Jamuria Industrial Estate, Dist: Paschim Barddhaman, W.B	
Date of Sampling	15.01.2024	

A.	General Information about stack					
1	Stack connected to		DRI Kilns			
2	Emission due to		Process Emission			
3	Material of Construction of Stack		M.S			
4	Shape of Stack		Circular			
5	Whether Stack is provided with Permanent Platform	& Ladders	Permaner	nt		
6	Capacity		2 X 100 T	ΓPD		
B.	Physical Characteristics of Stack					
1	Height of the stack					
	(a) from Ground Level (m)		32.0			
	(b) from Roof Level (m)		-			
2	Diameter of the stack					
	(a) at bottom (m)		-			
	(b) at top (m)		-			
3	Diameter of the stack at sampling point (m)		0.9	0.9		
4	Height of the sampling point from GL (m)		-			
C.	Analysis/Characteristics of Stack					
1	Fuel used		-			
2	Fuel consumption		-			
D	Field Study of Stack(s)	Reference	e Method	Concentration	Standard	
1	Temperature of emission (°C)	IS 11255	(Part 1)	123	_	
2	Barometric Pressure (mmHg)			759	_	
3	Velocity of gas in duct (M/sec)	IS 11255	(Part 3)	8.41	_	
4	Quantity of gas flow (Nm ³ /hr)	IS 11255		14287	_	
5	Concentration of CO (% V/V)	IS 13		_	_	
6	Concentration of CO ₂ (% V/V)	IS 13		8.1	-	
E	Laboratory Test Result(s)	'			_	
7	Concentration of SO ₂ (mg/Nm ³)	IS 11255	(Part 2)	_	_	
8	Concentration of NOx (mg/Nm ³)	US EPA,		_	_	
9	Concentration of PM (mg/Nm³)	IS 11255		37	50	
10	Concentration of PM (mg/Nm³) at 12% CO ₂		/	-	_	
E	Pollution Control Device					
	Details of pollution control device attached with the stack	ESP				

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ANALYSIS REPORT OF FLUE GAS

Name of Industry	M/s. RAIC Integrated Sponge & Power Pvt. Ltd.	
-	(Erstwhile M/s. Bhagwati Sponge Pvt. Ltd.)	
Address	Vill: Ikra, Jamuria, Jamuria Industrial Estate, Dist: Paschim Barddhaman, W.B	
Date of Sampling	15.01.2024	

Α.	General Information about stack					
1	Stack connected to		DRI Kiln	DRI Kiln		
2	Emission due to		Process Emission			
3	Material of Construction of Stack		M.S			
4	Shape of Stack		Circular			
5	Whether Stack is provided with Permanent Platform &	Ladders	Permanen	t		
6	Capacity		1 X 100 T	PD		
B.	Physical Characteristics of Stack					
1	Height of the stack					
	(a) from Ground Level (m)		32.0			
	(b) from Roof Level (m)		-			
2	Diameter of the stack					
	(a) at bottom (m)		-			
	(b) at top (m)	· /				
3	Diameter of the stack at sampling point (m)	Diameter of the stack at sampling point (m)				
4	Height of the sampling point from GL (m)					
C.	Analysis/Characteristics of Stack					
1	Fuel used		-			
2	Fuel consumption		-			
D	Field Study of Stack(s)	Referenc	e Method	Concentration	Standard	
1	Temperature of emission (°C)	IS 1125:	5 (Part 1)	119	-	
2	Barometric Pressure (mmHg)		-	759	-	
3	Velocity of gas in duct (M/sec)	IS 1125:	5 (Part 3)	8.8	-	
4	Quantity of gas flow (Nm ³ /hr)	IS 1125:	5 (Part 3)	6703	-	
5	Concentration of CO (% V/V)	IS 1	3270	-	-	
6	Concentration of CO ₂ (% V/V)	IS 1	3270	7.9	-	
Е	Laboratory Test Result(s)	<u> </u>	<u> </u>		-	
7	Concentration of SO ₂ (mg/Nm ³)	IS 11255 (Part 2)		-	-	
8	Concentration of NOx (mg/Nm³)	US EPA,	Method 7	-	-	
9	Concentration of PM (mg/Nm ³)	IS 1125:	5 (Part 1)	32	50	
10	Concentration of PM (mg/Nm³) at 12% CO ₂		-	-	-	
E	Pollution Control Device				-	
	Details of pollution control device attached with the stack	ESP				

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ANALYSIS REPORT OF FLUE GAS

Name of Industry	e of Industry M/s. RAIC Integrated Sponge & Power Pvt. Ltd. (Erstwhile M/s. Bhagwati Sponge Pvt. Ltd.)	
Address	Vill: Ikra, Jamuria, Jamuria Industrial Estate, Dist: Paschim Barddhaman, W.B	
Date of Sampling	15.01.2024	

A.	General Information about stack					
1	Stack connected to	DRI Kiln				
2	Emission due to		Process E	mission		
3	Material of Construction of Stack		M.S			
4	Shape of Stack		Circular			
5	Whether Stack is provided with Permanent Platform &	& Ladders	Permanen	t		
6	Capacity		1 X 350 T	PD		
В.	Physical Characteristics of Stack					
1	Height of the stack					
	(a) from Ground Level (m)		55.0			
	(b) from Roof Level (m)		-			
2	Diameter of the stack					
	(a) at bottom (m)		-			
	(b) at top (m)					
3	Diameter of the stack at sampling point (m)			1.4		
4	Height of the sampling point from GL (m)					
C.	Analysis/Characteristics of Stack					
1	Fuel used					
2	Fuel consumption		-			
D	Field Study of Stack(s)	Reference	e Method	Concentration	Standard	
1	Temperature of emission (°C)	IS 1125	5 (Part 1)	135	-	
2	Barometric Pressure (mmHg)		=	759	-	
3	Velocity of gas in duct (M/sec)	IS 1125	5 (Part 3)	9.74	-	
4	Quantity of gas flow (Nm ³ /hr)	IS 1125	5 (Part 3)	38868	-	
5	Concentration of CO (% V/V)	IS 1	3270	-	-	
6	Concentration of CO ₂ (% V/V)	IS 1	3270	8.5	-	
E	Laboratory Test Result(s)				-	
7	Concentration of SO ₂ (mg/Nm ³)	IS 1125	5 (Part 2)	-	-	
8	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \		Method 7	-	-	
9	Concentration of PM (mg/Nm ³)	5 (Part 1)	43	50		
10	Concentration of PM (mg/Nm³) at 12% CO ₂					
E	Pollution Control Device					
	Details of pollution control device attached with the stack	ESP				
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ANALYSIS REPORT OF FLUE GAS

Name of Industry	M/s. RAIC Integrated Sponge & Power Pvt. Ltd. (Erstwhile M/s. Bhagwati Sponge Pvt. Ltd.)
Address	Vill: Ikra, Jamuria, Jamuria Industrial Estate, Dist: Paschim Barddhaman, W.B
Date of Sampling	16.01.2024

A.	General Information about stack					
1	Stack connected to			Induction Furnaces (IFs) + Submerged		
				Arc Furnace (SAF)		
2	Emission due to			mission		
3	Material of Construction of Stack		M.S			
4	Shape of Stack		Circular			
5	Whether Stack is provided with Permanent Platform &	Ładders	Permanen	t		
6	Capacity		3 X 15 T I	IFs + 1 X 9 MVA S	SAF	
В.	Physical Characteristics of Stack					
1	Height of the stack					
	(a) from Ground Level (m)		30.0			
	(b) from Roof Level (m)		-			
2	Diameter of the stack					
	(a) at bottom (m)		-			
	(b) at top (m)	-				
3	Diameter of the stack at sampling point (m)			0.75		
4	Height of the sampling point from GL (m)			-		
C.	Analysis/Characteristics of Stack					
1	Fuel used	-				
2	Fuel consumption		-			
D	Field Study of Stack(s)	Referenc	e Method	Concentration	Standard	
1	Temperature of emission (°C)	IS 1125	5 (Part 1)	103	-	
2	Barometric Pressure (mmHg)		-	760	_	
3	Velocity of gas in duct (M/sec)	IS 1125	5 (Part 3)	8.26	-	
4	Quantity of gas flow (Nm ³ /hr)		5 (Part 3)	10280	_	
5	Concentration of CO (% V/V)		3270	-	-	
6	Concentration of CO ₂ (% V/V)	IS 1	3270	4.4	-	
E	Laboratory Test Result(s)				-	
7	Concentration of SO ₂ (mg/Nm ³)	5 (Part 2)	-	-		
8			Method 7	-	-	
9	Concentration of PM (mg/Nm ³)		5 (Part 1)	31	50	
10	Concentration of PM (mg/Nm³) at 12% CO ₂					
E	Pollution Control Device	1				
	Details of pollution control device attached with the stack	Bag Filter				
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ANALYSIS REPORT OF FLUE GAS

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Address	Vill: Ikra, Jamuria, Jamuria Industrial Estate, Dist: Paschim Barddhaman, W.B
Date of Sampling	16.01.2024

A.	General Information about stack				
1	Stack connected to	AFBC Boiler			
2	Emission due to	Burning of Coal & Dolochar			
3	Material of Construction of Stack		Brick		
4	Shape of Stack		Circular		
5	Whether Stack is provided with Permanent Platform &	Ladders	Permanent		
6	Capacity		4.0 MW		
B.	Physical Characteristics of Stack				
1	Height of the stack				
	(a) from Ground Level (m)		55.0		
	(b) from Roof Level (m)		-		
2	Diameter of the stack				
	(a) at bottom (m)		-		
	(b) at top (m)	-			
3	Diameter of the stack at sampling point (m)	0.80			
4	Height of the sampling point from GL (m)	-			
C.	Analysis/Characteristics of Stack				
1	Fuel used	Coal & Dolochar			
2	Fuel consumption	Coal - 32000 TPA & Dolochar - 27000 TPA			
D	Field Study of Stack(s)	Referenc	e Method	Concentration	Standard
1	Temperature of emission (°C)	IS 1125:	5 (Part 1)	138	-
2	Barometric Pressure (mmHg)		-	760	-
3	Velocity of gas in duct (M/sec)	IS 1125:	5 (Part 3)	10.1	-
4	Quantity of gas flow (Nm ³ /hr)	IS 1125	5 (Part 3)	13106	-
5	Concentration of CO (% V/V)	IS 1	3270	-	-
6	Concentration of CO ₂ (% V/V)	IS 1	3270	8.9	-
E	Laboratory Test Result(s)			-	
7	Concentration of SO ₂ (mg/Nm ³)	IS 1125	5 (Part 2)	-	-
8			Method 7	-	-
9	Concentration of PM (mg/Nm ³)	5 (Part 1)	28	30	
10	Concentration of PM (mg/Nm³) at 12% CO ₂				-
E	Pollution Control Device				
	Details of pollution control device attached with the stack				
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MONITORING REPORT

Name of Industry	M/s. RAIC Integrated Sponge & Power Pvt. Ltd.
	(Erstwhile M/s. Bhagwati Sponge Pvt. Ltd.)
Address	Vill: Ikra, Jamuria, Jamuria Industrial Estate, Dist: Paschim Barddhaman, W.B
Average Temperature (°C)	28
Barometric Pressure (mm/Hg)	754
Relative Humidity (%)	70

AMBIENT AIR QUALITY MONITORING REPORT

SI. No.	Location	Date of Monitoring	Protocol	Parameter	Unit	Result	Standard
1.	Near Main	12.10.2023	СРСВ	PM ₁₀	μg/m³	70	100
	Gate		Guideline	PM _{2.5}	μg/m³	32	60
				SO ₂	μg/m³	7	80
				NO ₂	μg/m³	16	80

BDL: Below Detectable Limit

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MONITORING REPORT

Name of Industry	M/s. RAIC Integrated Sponge & Power Pvt. Ltd. (Erstwhile M/s. Bhagwati Sponge Pvt. Ltd.)
Address	Vill: Ikra, Jamuria, Jamuria Industrial Estate, Dist: Paschim Barddhaman, W.B
Average Temperature (°C)	28
Barometric Pressure (mm/Hg)	754
Relative Humidity (%)	70

AMBIENT AIR QUALITY MONITORING REPORT

SI. No.	Location	Date of Monitoring	Protocol	Parameter	Unit	Result	Standard
2.	Jamuria	12.10.2023	СРСВ	PM ₁₀	μg/m³	82	100
			Guideline	PM _{2.5}	μg/m³	37	60
				SO ₂	μg/m³	10	80
				NO ₂	μg/m³	25	80

BDL: Below Detectable Limit

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MONITORING REPORT

Name of Industry	M/s. RAIC Integrated Sponge & Power Pvt. Ltd.
	(Erstwhile M/s. Bhagwati Sponge Pvt. Ltd.)
Address	Vill: Ikra, Jamuria, Jamuria Industrial Estate, Dist: Paschim Barddhaman, W.B
Average Temperature (°C)	29
Barometric Pressure (mm/Hg)	753
Relative Humidity (%)	72

AMBIENT AIR QUALITY MONITORING REPORT

SI. No.	Location	Date of Monitoring	Protocol	Parameter	Unit	Result	Standard
3.	Hijolgora	13.10.2023	СРСВ	PM ₁₀	μg/m³	64	100
	Village		Guideline	PM _{2.5}	μg/m³	25	60
				SO ₂	μg/m³	5	80
				NO ₂	μg/m³	18	80

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MONITORING REPORT

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	(Erstwhile M/s. Bhagwati Sponge Pvt. Ltd.)
Address	Vill: Ikra, Jamuria, Jamuria Industrial Estate, Dist: Paschim Barddhaman, W.B
Average Temperature (°C)	29
Barometric Pressure (mm/Hg)	753
Relative Humidity (%)	72

AMBIENT AIR QUALITY MONITORING REPORT

SI. No.	Location	Date of Monitoring	Protocol	Parameter	Unit	Result	Standard
4.	Dhasla Village	13.10.2023	СРСВ	PM ₁₀	μg/m³	66	100
			Guideline	PM _{2.5}	μg/m³	30	60
				SO ₂	μg/m³	6	80
				NO ₂	μg/m³	23	80

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MONITORING REPORT

Name of Industry	M/s. RAIC Integrated Sponge & Power Pvt. Ltd. (Erstwhile M/s. Bhagwati Sponge Pvt. Ltd.)
Address	Vill: Ikra, Jamuria, Jamuria Industrial Estate, Dist: Paschim Barddhaman, W.B
Average Temperature (°C)	24
Barometric Pressure (mm/Hg)	759
Relative Humidity (%)	58

AMBIENT AIR QUALITY MONITORING REPORT

SI. No.	Location	Date of Monitoring	Protocol	Parameter	Unit	Result	Standard
1.	Near Main		СРСВ	PM ₁₀	μg/m³	90	100
	Gate	17.01.2024	Guideline	PM _{2.5}	μg/m³	43	60
				SO ₂	μg/m³	13	80
				NO ₂	μg/m³	29	80

BDL: Below Detectable Limit

For ENVIROTECH EAST PVT. LTD.



An ISO 9001:2015, ISO 14001:2015 & ISO 45001:2018 Certified Company

- Laboratory Accrediated by NABL, as per ISO/IEC 17025 :2017
- **Laboratory Recognized by WBPCB**
- Accredited EIA Consultant by QCI-NABET

Address: 100, Kalikapur, Madurdaha, Kolkata – 700 107, West Bengal, India

- + 91 33 40635011/ 2443 8127; email: eeplkol@gmail.com; eeplkol2@gmail.com
CIN NO: U74210WB1989PTC047403





MONITORING REPORT

Name of Industry	M/s. RAIC Integrated Sponge & Power Pvt. Ltd. (Erstwhile M/s. Bhagwati Sponge Pvt. Ltd.)
Address	Vill: Ikra, Jamuria, Jamuria Industrial Estate, Dist: Paschim Barddhaman, W.B
Average Temperature (°C)	24
Barometric Pressure (mm/Hg)	759
Relative Humidity (%)	58

AMBIENT AIR QUALITY MONITORING REPORT

SI. No.	Location	Date of Monitoring	Protocol	Parameter	Unit	Result	Standard
2.	Jamuria	17.01.2024	СРСВ	PM ₁₀	μg/m³	95	100
			Guideline	PM _{2.5}	μg/m³	43	60
				SO ₂	μg/m³	15	80
				NO ₂	μg/m³	33	80

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MONITORING REPORT

Name of Industry	M/s. RAIC Integrated Sponge & Power Pvt. Ltd. (Erstwhile M/s. Bhagwati Sponge Pvt. Ltd.)
Address	Vill: Ikra, Jamuria, Jamuria Industrial Estate, Dist: Paschim Barddhaman, W.B
Average Temperature (°C)	23
Barometric Pressure (mm/Hg)	760
Relative Humidity (%)	56

AMBIENT AIR QUALITY MONITORING REPORT

SI. No.	Location	Date of Monitoring	Protocol	Parameter	Unit	Result	Standard
3.	Hijolgora	19.01.2024	СРСВ	PM ₁₀	μg/m³	76	100
	Village		Guideline	PM _{2.5}	μg/m³	33	60
				SO ₂	μg/m³	12	80
				NO ₂	μg/m³	37	80

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CIN NO: U74210WB1989PTC047403

MONITORING REPORT

Name of Industry	M/s. RAIC Integrated Sponge & Power Pvt. Ltd. (Erstwhile M/s. Bhagwati Sponge Pvt. Ltd.)
Address	Vill: Ikra, Jamuria, Jamuria Industrial Estate, Dist: Paschim Barddhaman, W.B
Average Temperature (°C)	23
Barometric Pressure (mm/Hg)	760
Relative Humidity (%)	56

AMBIENT AIR QUALITY MONITORING REPORT

SI. No.	Location	Date of Monitoring	Protocol	Parameter	Unit	Result	Standard
4.	Dhasla Village	19.01.2024	СРСВ	PM ₁₀	μg/m³	88	100
			Guideline	PM _{2.5}	μg/m³	41	60
				SO ₂	μg/m³	10	80
				NO ₂	μg/m³	30	80

BDL: Below Detectable Limit

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CIN NO: U74210WB1989PTC047403





AMBIENT AIR QUALITY MONITORING RESULTS

Name of Industry	M/s. RAIC Integrated Sponge & Power Pvt. Ltd. (Erstwhile M/s. Bhagwati Sponge Pvt. Ltd.)
Address	Vill: Ikra, Jamuria, Jamuria Industrial Estate, Dist: Paschim Barddhaman, W.B

		Statistical Analysis of Pollutants					
		(Pe	(Period: October,2023 to March,2024)				
Pollutants	Locations	MES	Min	Max	A.M.		
	Near Main Gate	2	70	90	80.0		
DM	Jamuria	2	82	95	88.5		
PM ₁₀ (μg/m³)	Hijolgora Village	2	64	76	70.0		
•	Dhasla Village	2	66	88	77.0		
	Overall	8	64	95	78.9		
	Near Main Gate	2	32	43	37.7		
	Jamuria	2	37	43	39.8		
PM _{2.5} (μg/m³)	Hijolgora Village	2	25	33	29.2		
, ,	Dhasla Village	2	30	41	35.5		
	Overall	8	25	43	35.6		
	Near Main Gate	2	7	13	10.0		
20	Jamuria	2	10	15	12.5		
SO ₂ (μg/m³)	Hijolgora Village	2	5	12	8.5		
•	Dhasla Village	2	6	10	8.0		
	Overall	8	5	15	9.8		
	Near Main Gate	2	16	29	22.5		
NO	Jamuria	2	25	33	29.0		
NO₂ (µg/m³)	Hijolgora Village	2	18	37	27.5		
	Dhasla Village	2	23	30	26.5		
	Overall	8	16	37	26.4		

For ENVIROTECH EAST PVT. LTD.



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CIN NO: U74210WB1989PTC047403





MONITORING REPORT

Name of Industry	M/s. RAIC Integrated Sponge & Power Pvt. Ltd.
	(Erstwhile M/s. Bhagwati Sponge Pvt. Ltd.)
Address	Vill: Ikra, Jamuria, Jamuria Industrial Estate, Dist: Paschim
	Barddhaman, W.B
Average Temperature (°C)	27
Barometric Pressure (mm/Hg)	753
Avg. Relative Humidity (%)	68

FUGITIVE EMISSION MONITORING REPORT

Sl. No.	Location	Date of Monitoring	Protocol	Parameter	Unit	Result
1.	Near ADM	13.10.2023	CPCB Guideline	PM ₁₀	μg/m ³	96
	Building			PM _{2.5}	$\mu g/m^3$	42
				SO ₂	μg/m³	11
				NO ₂	μg/m³	23

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MONITORING REPORT

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Address	Vill: Ikra, Jamuria, Jamuria Industrial Estate, Dist: Paschim Barddhaman, W.B
Average Temperature (°C)	27
Barometric Pressure (mm/Hg)	753
Avg. Relative Humidity (%)	68

FUGITIVE EMISSION MONITORING REPORT

Sl. No.	Location	Date of Monitoring	Protocol	Parameter	Unit	Result
2.	Near SMS	13.10.2023	CPCB Guideline	PM ₁₀	μg/m ³	202
				PM _{2.5}	μg/m³	91
				SO ₂	μg/m³	17
				NO ₂	μg/m³	33

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CIN NO: U74210WB1989PTC047403





MONITORING REPORT

Name of Industry	M/s. RAIC Integrated Sponge & Power Pvt. Ltd. (Erstwhile M/s. Bhagwati Sponge Pvt. Ltd.)
Address	Vill: Ikra, Jamuria, Jamuria Industrial Estate, Dist: Paschim Barddhaman, W.B
Average Temperature (°C)	29
Barometric Pressure (mm/Hg)	754
Avg. Relative Humidity (%)	72

FUGITIVE EMISSION MONITORING REPORT

Sl. No.	Location	Date of Monitoring	Protocol	Parameter	Unit	Result
3.	Near	14.10.2023	CPCB Guideline	PM ₁₀	μg/m ³	270
	Sponge Iron Plant			PM _{2.5}	μg/m³	116
				SO ₂	μg/m³	15
				NO ₂	μg/m ³	37

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CIN NO: U74210WB1989PTC047403





MONITORING REPORT

Name of Industry	M/s. RAIC Integrated Sponge & Power Pvt. Ltd.
·	(Erstwhile M/s. Bhagwati Sponge Pvt. Ltd.)
Address	Vill: Ikra, Jamuria, Jamuria Industrial Estate, Dist: Paschim
	Barddhaman, W.B
Average Temperature (°C)	29
Barometric Pressure (mm/Hg)	754
Avg. Relative Humidity (%)	72

FUGITIVE EMISSION MONITORING REPORT

Sl. No.	Location	Date of Monitoring	Protocol	Parameter	Unit	Result
4.	Near Raw	14.10.2023	CPCB Guideline	PM ₁₀	μg/m ³	179
	Material Section			PM _{2.5}	μg/m ³	73
				SO ₂	μg/m³	13
				NO ₂	μg/m ³	30

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MONITORING REPORT

Name of Industry	M/s. RAIC Integrated Sponge & Power Pvt. Ltd.
,	(Erstwhile M/s. Bhagwati Sponge Pvt. Ltd.)
Address	Vill: Ikra, Jamuria, Jamuria Industrial Estate, Dist: Paschim
	Barddhaman, W.B
Average Temperature (°C)	22
Barometric Pressure (mm/Hg)	760
Avg. Relative Humidity (%)	55

FUGITIVE EMISSION MONITORING REPORT

Sl. No.	Location	Date of Monitoring	Protocol	Parameter	Unit	Result
1.	Near ADM	18.01.2024	CPCB Guideline	PM ₁₀	μg/m ³	114
	Building			PM _{2.5}	μg/m ³	55
				SO ₂	μg/m³	14
				NO ₂	μg/m ³	33

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MONITORING REPORT

Name of Industry	M/s. RAIC Integrated Sponge & Power Pvt. Ltd.
	(Erstwhile M/s. Bhagwati Sponge Pvt. Ltd.)
Address	Vill: Ikra, Jamuria, Jamuria Industrial Estate, Dist: Paschim
	Barddhaman, W.B
Average Temperature (°C)	22
Barometric Pressure (mm/Hg)	760
Avg. Relative Humidity (%)	55

FUGITIVE EMISSION MONITORING REPORT

Sl. No.	Location	Date of Monitoring	Protocol	Parameter	Unit	Result
2.	Near SMS	18.01.2024	CPCB Guideline	PM ₁₀	μg/m ³	395
		1010112021	Guidenne	PM _{2.5}	μg/m ³	186
				SO ₂	μg/m³	21
				NO ₂	μg/m³	39

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CIN NO: U74210WB1989PTC047403





MONITORING REPORT

Name of Industry	M/s. RAIC Integrated Sponge & Power Pvt. Ltd. (Erstwhile M/s. Bhagwati Sponge Pvt. Ltd.)
Address	Vill: Ikra, Jamuria, Jamuria Industrial Estate, Dist: Paschim Barddhaman, W.B
Average Temperature (°C)	24
Barometric Pressure (mm/Hg)	759
Avg. Relative Humidity (%)	52

FUGITIVE EMISSION MONITORING REPORT

Sl. No.	Location	Date of Monitoring	Protocol	Parameter	Unit	Result
3.	Near	19.01.2024	CPCB Guideline	PM ₁₀	μg/m ³	462
	Sponge Iron Plant			PM _{2.5}	μg/m ³	213
				SO ₂	μg/m³	25
				NO ₂	μg/m ³	44

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MONITORING REPORT

Name of Industry	M/s. RAIC Integrated Sponge & Power Pvt. Ltd. (Erstwhile M/s. Bhagwati Sponge Pvt. Ltd.)
Address	Vill: Ikra, Jamuria, Jamuria Industrial Estate, Dist: Paschim Barddhaman, W.B
Average Temperature (°C)	24
Barometric Pressure (mm/Hg)	759
Avg. Relative Humidity (%)	52

FUGITIVE EMISSION MONITORING REPORT

Sl. No.	Location	Date of Monitoring	Protocol	Parameter	Unit	Result
4.	Near Raw	19.01.2024	CPCB Guideline	PM ₁₀	μg/m³	335
	Material Section			PM _{2.5}	μg/m³	157
				SO ₂	μg/m³	18
				NO ₂	μg/m³	36

for ENVIROTECH EAST PVT. LTD.

(Authorized Signatory)



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CIN NO: U74210WB1989PTC047403





FUGUTIVE EMISSION MONITORING RESULTS

Name of Industry	M/s. RAIC Integrated Sponge & Power Pvt. Ltd. (Erstwhile M/s. Bhagwati Sponge Pvt. Ltd.)
Address	Vill: Ikra, Jamuria, Jamuria Industrial Estate, Dist: Paschim Barddhaman, W.B

		Statistical Analysis of Pollutants			
	,	(Period: October,2023 to March,2024)			ch,2024)
Pollutants	Locations	MES	Min	Max	A.M.
	Near ADM Building	2	96	114	105.0
D14	Near SMS	2	202	395	298.5
PM ₁₀ (μg/m³)	Near Sponge Iron Plant	2	270	462	366.0
, ,	Near Raw Material Section	2	179	335	257.0
	Overall	8	96	462	256.6
	Near ADM Building	2	42	55	48.5
	Near SMS	2	91	186	138.3
PM _{2.5} (μg/m³)	Near Sponge Iron Plant	2	116	213	164.3
(-3	Near Raw Material Section	2	73	157	115.4
	Overall	8	42	213	116.6
	Near ADM Building	2	11	14	12.5
	Near SMS	2	17	21	19.0
SO ₂ (μg/m³)	Near Sponge Iron Plant	2	15	25	20.0
(-3)	Near Raw Material Section	2	13	18	15.5
	Overall	8	11	25	16.8
	Near ADM Building	2	23	33	28.0
	Near SMS	2	33	39	36.0
NO₂ (μg/m³)	Near Sponge Iron Plant	2	37	44	40.5
(1.3)	Near Raw Material Section	2	30	36	33.0
	Overall	8	23	44	34.4

For ENVIROTECH EAST PVT. LTD.

(Authorised Signatory)



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MONITORING REPORT

Name of Industry	M/s. RAIC Integrated Sponge & Power Pvt. Ltd.	
	(Erstwhile M/s. Bhagwati Sponge Pvt. Ltd.)	
Address:	Vill: Ikra, Jamuria, Jamuria Industrial Estate, Dist: Paschim Barddhaman, W.B	
Date of Monitoring	15.10.2023	

NOISE LEVEL MONITORING REPORT

Sl. No.	Location	Sound Pressure Level in dB (A)		
		Day Time (06:00 am to 10:00 pm)	Night Time (10:00 pm to 06:00 am)	
1.	Near Main Gate	68.3	57.4	
2.	Jamuria	54.6	44.2	
3.	Hijolgora Village	52.4	44.6	
4.	Dhasla Village	53.8	41.2	

STANDARD

Industrial Zone: - Day Time - 75 Night Time - 70

Residential Area: - Day Time - 55 Night Time - 45

For ENVIROTECH EAST PVT. LTD.

(Authorized Signatory)



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CIN NO: U74210WB1989PTC047403

MONITORING REPORT

Name of Industry	M/s. RAIC Integrated Sponge & Power Pvt. Ltd.		
	(Erstwhile M/s. Bhagwati Sponge Pvt. Ltd.)		
Address:	Vill: Ikra, Jamuria, Jamuria Industrial Estate, Dist: Paschim Barddhaman, W.B		
Date of Monitoring	19.01.2024		

NOISE LEVEL MONITORING REPORT

Sl. No.	Location	Sound Pressure Level in dB (A)		
		Day Time (06:00 am to 10:00 pm)	Night Time (10:00 pm to 06:00 am)	
1.	Near Main Gate	69.7	56.3	
2.	Jamuria	54.8	44.2	
3.	Hijolgora Village	51.2	42.5	
4.	Dhasla Village	53.4	41.5	

STANDARD

Industrial Zone: - Day Time - 75 / Night Time - 70

Residential Area: - Day Time - 55 / Night Time - 45

For ENVIROTECH EAST PVT. LTD.

(Authorized Signatory)

ANNEXURE-II



RAIC Integrated Sponge & Power (P) Ltd.

Corporate Office: 25, Ganesh Chandra Avenue, 4th Floor, Kolkata - 700013
Factory: Plot No.: 163,164, 165, Vill & Mouza: Ikrah, P. O.: Ikrah - 713362, Jamuria

Dist: Paschim Bardhaman (W. B.), Tel: +91 33 2221 7535 / 7536 E-mail: legal1@adukiaindustries.com | nkpurohit@aiccsting.com

CIN: U27105WB2003PTC095823

Date: 22.05.2024

To
The Hon'ble Borough Chairman
Asansol Municipal Corporation
Borough-I, Jamuria,
Dist: Paschim Burdwan

Sub: Information of EC obtained from MOEFCC.

Dear Sir,

This is to inform you that we have obtained Environmental Clearance vide EC File No: J-11011/223/2012-IA II (I) dated 19.02.2016, in the name of Bhagwati Sponge Pvt. Ltd., which was changed in the name of RAIC Integrated Sponge & Power Pvt. Ltd. (Previously known as Bhagwati Sponge & Power Pvt. Ltd.) on dated 15.10.2020 for expansion of unit at Jamuria with Sponge Iron, Captive Power Plant, and others.

We are enclosing herewith a copy of the same for your kind perusal.

Thanking You

Yours Truly

For RAIC Integrated Sponge & Power Pvt. Ltd.

Authorised Signatory

Enclosure: As above

For, Borough Committee - I ASANSOL MUNICIPAL CORPORATION

ANNEXURE-III

	FORM – V (See rule 14)				
	Environmental Audit Report for the Financial year ending the 31st March 2024				
	PART – A				
1.	Name & address of the owner/occupier of the industry, operation or process.	M/s RAIC Integrated Sponge (Erstwhile M/s Bhagwati Spo	onge Pvt. Ltd.)		
		Shri Dinesh Adukia (Director Address: 25, Ganesh Chandra Avenue			
		Kolkata-700 013, West Beng			
2.	Industry category Primary (STC Code), Secondary (STC Code)	Primary & Secondary - Spot TPD + 1x350 TPD) DRI Furnaces; 1x9 MVA Subm MTPA Rolling Mill & 18.5 (14.5 MW WHRB + 4 MW AF	nge Iron Plant with (3x100 Kilns; 3x15 T Induction erged Arc Furnace; 0.18 MW Captive Power Plant FBC).		
3.	Production Capacity – Units	The unit Configuration & cu (as per valid CTO) is present 1. DRI Kilns: 3x100 TPD + [Sponge Iron - 2,13,000 2. Induction Furnaces (3x1 Billets 3. Submerged Arc Furnaces 7440 TPA or Fe-Mn - 10 TPA or Pig Iron - 6300 T	rrent Production capacity red below, 1x350 TPD TPA] 5 T): 1,35,000 TPA res (1x9 MVA): Si-Mn - 0200 TPA or Fe-Si - 3300 TPA PA Structural Steel, TMT Wire Rod 18.5 MW (14.5 MW		
4.	Year of establishment	28 th February, 2003	, 		
5.	Date of last environmental	-			
-	statement				
		PART - B			
1	Water Consumption m³/day proces				
		Financial Year (2022-2023) (in m³/day)	Financial Year (2023-24) (in m³/day)		
	Cooling	170 m³/day	170 m ³ /day		
	Domestic	20 m³/day	20 m³/day		

	Name of Products		Water consumption	per unit of products
			During the current	During the current
			financial year	financial year
			(2022-23)	(2023-24)
2.	Sponge Iron		1.13 m ³ /T	1.14 m ³ /T
	Ferro Alloys		1.50 m ³ /T	1.47 m ³ /T
	Structural Steel, TMT Channels, Wire Rod	Bars, Angles,	0.30 m ³ /T	0.32 m ³ /T
3.	Raw Material Consun	nption	Consumption of Raw m	aterial per unit of out put
Nar	ne of Raw Materials	Name of Products	During the previous financial year (2022-2023)	During the current financial year (2023-24)
1) Ir	ron Ore/Pellet		1.512 T/T	1.514 T/T
2) C	Coal	Sponge Iron	0.939 T/T	0.942 T/T
3) [Oolomite		0.042 T/T	0.042 T/T
1) S	Sponge Iron		0.920 T/T	0.919 T/T
2) F	Pig Iron	Billets	0.155 T/T	0.150 T/T
3) S	Scraps	Dillets	0.218 T/T	0.223 T/T
4) Ferro Alloys			0.008 T/T	0.008 T/T
1) Billets		Structural Steel, TMT Bars, Angles, Channels, Wire Rod	1.013 T/T	1.013 T/T
1)	Manganese Ore		1.91 T/T	1.92 T/T
2)	Fe - Mn Slag	Silico-	0.68 T/T	0.69 T/T
3)	Coal	Manganese	0.41 T/T	0.41 T/T
4)	Coke	Wanganese	0.41 T/T	0.41 T/T
5)	5) Quartz		0.40 T/T	0.40 T/T
OR		OR		
1) N	1) Manganese Ore		2.61 T/T	2.63 T/T
2) (Coal	Ferro -	0.41 T/T	0.41 T/T
3) C	Coke	Manganese	0.42 T/T	0.41 T/T
4) [Oolomite		0.03 T/T	0.03 T/T
		OR		

1)	Quartz		1.70 T/T	1.69 T/T
2)	Mill Scrap		0.43 T/T	0.44 T/T
3)	M S Scrap	Ferro-Silicon	0.02 T/T	0.03 T/T
4)	Charcoal		0.90 T/T	0.90 T/T
5)	Lam Coke		0.55 T/T	0.55 T/T
		OR		
1)	Mill Scale		0.09 T/T	0.09 T/T
2)	Iron Ore Sinter		1.00 T/T	1.02 T/T
3)	Quartz		0.03 T/T	0.03 T/T
4)	Dolomite/Limestone		0.30 T/T	0.30 T/T
5)	Pearl Coke	Pig Iron	0.20 T/T	0.21 T/T
6)	Steam Coal		0.50 T/T	0.51 T/T
7)	Flur Spar		0.04 T/T	0.04 T/T
8)	Electrode Paste		0.015 T/T	0.015 T/T

	PART – C Pollution Generated (Parameters as specified in the consent issued)				
	Pollutants	Quantity of pollution generated	Percentage of variation from prescribed standards with reason		
а	Water (Domestic Effluent)	16 KLD through Septic Tank - Soak Pit system	No variation		
b	Air	PM <50 mg/Nm³ for Sponge Iron Plant, Induction Furnaces, Submerged Arc Furnaces. PM <30 mg/Nm³ for 4 MW AFBC Boiler.	No variation		

	PART – D						
	Hazardous waste						
	[as specified under Hazardous Wastes (Management & Handling) Rules 1989]						
	Hazardous Wastes	Total Quantity					
		(in Kg)					
		During the previous	During the current				
		Financial year	Financial year				
		N. II.					
a.	From Process	No Hazardous waste No Hazardous waste prod					
		produced.					
1-	Faces Belletian Control	N I I	N.C.				
b.	From Pollution Control	Nil	Nil				
	Facilities	DART F					
PART – E Solid Wastes							
	Total Quantity						
		During the previous	During the current				
		Financial year	Financial year				
		(April, 2022 to March, 2023)	(April,2023 to March,2024)				
а.	From process	> Dolochar - 60,000 TPA	➤ Dolochar - 60,040 TPA				
a.	1 Tom process	> Slag from Induction	Slag from Induction				
		Furnaces - 14,350 TPA	Furnaces - 14,387 TPA				
		Fe-Mn Slag from Ferro	Fe-Mn Slag from Ferro Alloy				
		Alloy Plant - 9600 TPA	Plant - 9587 TPA				
		➤ Si-Mn Slag from Ferro	➤ Si-Mn Slag from Ferro Alloy				
		Alloy Plant - 7500 TPA	Plant - 7500 TPA				
		> Fly Ash - 7,930 TPA	➤ Fly Ash - 7,927 TPA				
		➤ Bottom Ash - 2000 TPA	➤ Bottom Ash - 2000 TPA				
b.	From pollution control facility	NA	NA				
C.	Quantity recycled or re-	Dolochar is being used in	Dolochar is being used in				
	utilized.	AFBC Boiler for power	AFBC Boiler for power				
		generation	generation				
		Slag from Induction	Slag from Induction				

Furna	ces &	Ferro	Alloy
plant	is be	ing us	sed in
Land	filling	y /	Road
makin	g purp	oses.	

- Fly Ash from AFBC Boiler is being used in Brick making / Cement plant.
- Bottom Ash from AFBC Boiler is being used for road making.
- Furnaces & Ferro Alloy plant is being used in Land filling / Road making purposes.
- Fly Ash from AFBC Boiler is being used in Brick making / Cement plant.
- Bottom Ash from AFBC Boiler is being used for road making.

PART - F

Please specify the characteristics (in terms of concentration and quantum) of Hazardous as well as solid wastes and indicate disposal practice adopted for both these categories of wastes.

The solid waste which are generated from various sources mainly Dolochar, Induction Furnace & Ferro Alloy plant slags, Fly ash & Bottom Ash, belongs in the group of non hazardous category.

PART - G

Impact of pollution control measures on conservation of natural resources and consequently on the cost of production

- 1. There are 5 nos. of stacks attached with WHRB Boilers, AFBC Boiler, Induction Furnaces & Submerged Arc Furnace for continuous emission of PM, SO₂ & NOx.
- 2. To reduce dust emissions, ESP & Bag Filters has been used with the stacks.
- 3. Diesel Generator sets (3x500 KVA + 1x725 KVA + 2x125 KVA) is being used during the power failure.
- 4 Under "Zero discharge" concept no industrial effluent discharge outside the plant premises. Treated industrial waste water is being used in the plant premises. Domestic waste water is being treated through Septic Tank Soak Pit system.
- 5. To reduce the use of conventional source of energy for conservation of natural resources, the Company has taken several measures.

PART - H

Additional investment proposal for environmental protection including abatement of pollution

The Environment (Protection) Rules 1986 PART – I Miscellaneous

Any other particulates in respect of environment protection and abatement of pollution

- 1. All transfer points are fully enclosed.
- 2. There is water spray arrangement to control fugitive emissions.
- 3. ESP & Bag Filters is provided with the stacks with desired capacity.
- 4. Conveyors are provided with conveyor cover.
- 5. The company has developed green belt within the plant area.
- 6. World environment day is celebrated to promote awareness of environment issues.

ঠিকানা

দৈনিক স্টেটসম্যান

কলকাতা 'সেটেসমাান হাউস ্৪ চৌরঙ্গী স্বোমার, কলকাতা-৭০০০০১ - (२००) २२५२-१०१०-१५ ফাঙ্গ: (০৩৩) ২২১২-৬১৮১/১৯৭৩ ইমেল:thestatesman@vsnl.com johnbullsilver@yahoo.com (Advt. Department)

স্টেটসম্যান হাউস ১৪৮, বারখামা রোড, নিউ দিল্লি-১১০০০১ ্যাকান: (০১১)২৩৩১-৫৯১১ **गात्रः (०**५५)२७७५-६२३६ ইমেল: delhistatesman@gmail.com ৩/১০, আইএনএস বিশ্বিং (চডুর্থ তল) রফি মার্গ, নিউ দিল্লি-১১০০০১ ফোন: (০১১)২৩৭১-৮৪৩৪ ইশান হাউস (তৃতীয় তল) এ-৯০, সেক্টর টু,

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ফ্যাব্র:(০৬৭৪)২৫৮৮০৬১ ইমেল: statesmanbbsr@vsnl,net

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: निनिः छि ্প্লট নং ১৩ এ , দাবহাম **ইন্ডাস্ট্রিয়াল গ্রোপ** সেন্টার। পো: অফিস - ফুলবাড়ি,

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ইমেল:kkc099@gmail.com जांि

১১ সি রোড#১, অশোকনগর, রাচি - ৮৩৪০০২ টেলিফ্যান্ন: (০৬৫১)২২৪ ৭০৫৪ त्कानः ०३४००३३१८२ ইমেল: •• •

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২/২, বাটলার প্যালেস (জপলিং রোডের निकरें), नएको-२२७००३ क्षिनः (२०२२) २२० ७१०० মোবাইল: ০১৪১৫১ ২০৯৪৯ ইমেল: soumanbose1975@gmail.com

৫, কম্বরী বিশ্বিংস, জামসেদজী টাটা রোড, াচার্চগেট, মুম্বই-৪০০০২০

(कान:(०२२)२२०२ ५०८४/११३१ ংফারে:(০২২)২২০৪ ৪৮৭৭

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,ইউএনআই বিভিং, তৃতীয় তল, এসি গার্ডস, হায়দ্রাবাদ_৫০০০০৯

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ফাণ্ডন ম্যানসন, ৫মতল, ২৬, ইথিরাই রোড, চেনাই:৬০০১০৫

(यनः(०४४)३४२ १४०७१/३३४४ मात्रः(088)३৮३३8৮०० .

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মি. ফান্ধুনী ভট্টাচার্য, ড, তারিনী বোস কমার্সিয়াল কমপ্লেক্স, তৃতীয় তল, মালিগাঁও, চারিয়ালি, গৌহাটি-৭৮১ ০০১ (यान: ०३८०००३१३७८ .

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মি. আর. কে. ভার্মা, ফ্র্যাট নং-৪০৩,-৫ম তল, বি. এন অ্যাপার্টমেন্ট, (রাজেন্দ্র নগর ওভারব্রিজ), পোস্ট - লোহিয়া নগর, কম্করবাগ, পটনা - ৮০০ ০২০

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মি: মণীশ সালুজা, ৫৩, শহীদ স্মারক কমপ্লের, বৰে মার্কেট, জি. ই. রোড, রায়পুর-৪৯২০০১ মোবাইলা ১৯৪২৫২ ০২০৯৭

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মিস রায়না দেশাই, ৩১০ শান কমপ্লেক্স (এম জে লাইত্রেরীর বিপরীতে - সাকার ৪-এর পাশে), এলিশ ব্রিজ, আমেদাবাদ-৩৮০০০৬ त्कानः ०१३-२७४१३**))४/०**৯५२४०२२२३% ইমেল: reyna.desai@gmail.com

শ্রীমতী এস. এম. থিসতি ১০৭ ডি. লক্ষ্মী বৈভব অ্যাপার্টমেন্ট, লক্ষ্মী নগর স্কোয়ার (দীক্ষা ভূমির নিকট) নাগপর - ৪৪০ ০১০

ফোন: ৯৮২২২ ০২০৬২, ০৭১২-২২২০১৮৬ টেলিফ্যাঙ্গ: ০৭১২-২২২৩৩৯৬

মি. নরেন্দ্র পি. শিন্ডে, ভার্গভ আপার্টমেন্ট, এফ-৪, ৩য় তল, ৩৪৩-বি. শানিওয়ার পেট্রি. 🗡 পুণে - ৪১১ ০৩০, ফোন:০২০-২৪৪৯১০৬০ মোবাইল: ০৬৭৩৯৮৫৪৬১/২/৩,

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ত্রিপুরা

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> দৈনিক স্টেটসম্যান বিমান মাসুল কাঠমান্ড - ২ টাকা পূর্বাঞ্চল - ১ টাকা ভারতের অন্যত্র - ১ টাকা

রাশিহাল লোকনাথ শন্ত্ৰী

ৰুধবার, ১৬ মার্চ



পাবলিক নোটিশ

WE WOULD like to inform the public that the Original Registered Sale Deed bearing No. 3746, dated 12.12.1973 in respect of land measuring about 10 Cottahs 9 Chittacks 2 Sq.ft. being Dag No. 386 within R.S. Khatian No. 159 of Mouza -Belgachia, R.S. No. 1976, Touzi No. 764, District -Howrah was misplaced from our office sometimes in the month of April 2006. If any person, who finds, it is requested to return the same to us at belowmentioned address: M/s. GDPA Steel Castings Pvt. Ltd., P-259/1/1, Road, Howrah-Beneras 711108.

Partha Kumar Ghosh Advocate Judges' Court, Howrah (D111407)

I, MALATI Das and Malti Das, W/o. Manas Kamal Das is same and identical person, vide affidavit sworn before 1st Class Judicial Magistrate, Alipur on 25.02.2016.

নোটিশ

এতদারা সকলকে অবগত করা যাইতেছে যে, ভারত সরকারের পরিবেশ, বন ও জলবায়ু মন্ত্রালয় তার পত্ৰ নং J-11011 / 223 / 2012-IA II(I), dated 19.02.2016 वाता মেসার্স Bhagwati Sponge Pvt. Ltd.-কে স্পঞ্জ প্রসারণ ইনডাকশান ফার্নেস, রোলিং মিল, ফেরো এলোয়েস এবং এলোয়েস এবং CPP স্থাপনের পরিবেশগত ছাড় পত্ৰ দিয়েছে। উক্ত ছাড়পত্রের প্রতিলিপি পশ্চিমবঙ্গ রাজ্য দূষণ নিয়ন্ত্রণ পর্যদ কলিকাতা কার্যালয়ে পাওয়া যাইবে, ইহা ভারত সরকারের পরিবেশ, বন ও জলবায়ু মন্ত্রালয়ের ওয়েবসাইট (http://envfor.nic.in) দেখা যাইতে

ভগবতী স্পঞ্জ প্রাইভেট লিমিটেড ২৫, গণেশ চন্দ্ৰ এভিনিউ কলিকাতা-৭০০০১৩ (BD111406)

নেশার ওষুধের ব্যবসা শিলিগুড়িতে বিক্ষোভ

নিজস্ব সংবাদদাতা, শিলিগুড়ি, ১৫



বিজেপিন

নিজম্ব সংবাদদাতা, কোচবিহার, ১৫ মার্চ সোমবার স্ট্রিং অপারেশনে যেসব তৃণমূল নেতা খৌদের টাকা দেখা গিয়েছে তাদের নিতে দাবিতে মঙ্গলবার গ্রেফতারের কোচবিহারে পথ পারোধ করল বিজেপি। এদিন দুপুর কোচবিহার শহরের মা ভবানী বিড়ি চৌপথি এলাকায় ঘন্টাখানেক পথ অবরোধ করে বিজেপি কর্মী সমর্থকরা। তাদের অভিযোগ, যেভাবে ভূণমূলের সাংসদ থেকে নেতা-মন্ত্রীরা টাকা নিয়েছে তা লজ্জার। অবিলম্থে তাদের সাংসদ পদ ছেডে আসা উচিত পাশাপাশি এই ঘটনার জন্য দোষী গৃণমূল নেতাদের গ্রেফতারির দাবি^ও জানানো হয়েছে এদিন। বিজেপির কোচবিহার জেলা সভাপতি অনিল মালাকার বলেন, টিভির পর্দায় পরিষ্কার দেখা গিয়েছে তুণমূলের নেতা-মন্ত্রীরা টাকা নিচ্ছে. যা গণতন্ত্রের পর্টে লজ্জার। এই দোষীদের গ্রেফতারের দাবিতে এদিনের প্র অবরোধ।

নিজস্ব সংবাদদাতা, বালুরঘাট, ১ এগিয়ে আসতেই বাড়ছে রাজনৈ यथन विज्ञ हेम्। नित्र गामकनत्न বিরোধী রাজনৈতিক দল, তেম রাজনৈতিক মাটি খুঁজৈ পেতে অবলহন করছে। আর সেই কৌশ বিষয় বাম-কংগ্রেস জোট। জোটের ষখন বামেদের প্রবল আগ্রহ কংয়ে তখন পার্শের জেলায় দেখা মিল্র দেখা মিলবে উত্তর ও দক্ষিণ দিনাজপুর জেলায় রাজনৈতিক এগিয়ে কংগ্রেস তেমনি দক্ষিণ দি শক্তি বেশি বামেদের। আর সেই <u>র</u> প্রসঙ্গে ভিন্ন সদিচ্ছা। উত্তর দিনা জোটের প্রাসঙ্গিকতা যখন দুই দক্তে দক্ষিণ দিনাজপুর জেলায় জোট প্র বেশি প্রকাশ পাচ্ছে কংগ্রেসের অন জেলায় হচ্ছে কিনা তা এখনও আ না করলেও বামফ্রন্ট তাদের সব তক্র করেছে রাজনৈতি প্রচার। ব চেয়ে বামেদের কাছে দরবার

সাত চা বাগান আ

আদালত সংবাদদাতা— ডানকানের বন্ধ চা বাগানগুলি অধিগ্রহণের যে নোটিশ কেন্দ্রীয় সরকার জ্ঞারি ক্রেছিল তা বৈধ বলে রয় দিয়েছেন বিচারপতি সঞ্জীব বন্দ্যোপাধ্যায়। উল্লেখ্য কেন্দ্রীয় সরকার চা বাগান শ্রমিকদের চরম দুরবস্থার কণ জানতে পেরেই ডানকানের **৬টি <mark>চা বাগান</mark>** অধিগ্রহণের <u>দ্বীন্ত ঘোষণা করে। সেই মতো ২৮ জানুয়ারি</u> ২০১৬ তান্ত্রি অধিগ্রহণের নোটিশ জ্ঞারি করা <mark>হয়। কিন্</mark>ত ডানকান বাান <mark>কর্তৃপক্ষ কেন্দ্রীয় সরকারের অধিগ্রহণের</mark> दिथ्जा निष् जामानए गामना मारवत करत त्रमय অতিবাহিত করতে থাকে। কিন্তু আদালত ডা<mark>নকান</mark> কর্তৃপক্ষকে গ্রনকানের চা বাগানগুলিতে কর্মরত ১ হাজার কর্মীকে অর্বজীকালীন ভাতা দেওয়ার জন্য <mark>আদালতে চার</mark> কোটি টাকজ্মা রাখতে নির্দেশ দেয় এবং চা বাগানগুলির প্রস্তৃত অবং জানাতে বলে হলফনামার দ্বারা। আদালতের প্রেনির্দেশ ভানকান কর্তৃপক্ষ পালন করেনি। উল্টে কেন্দ্রীয় স্চারের অধিগ্রহণের বৈধতা চ্যালেঞ্চ করে ডিভিশন ্ত্রে আপিল করে বসে। এদিকে কেন্দ্রীয় সরকারের ক্ষি এবং রাজ্য সরকারের পক্ষে চা বাগানতানি বন্ধ থাকাঞ্জুলে দেখানকার বেকার হয়ে যাওয়া ১ হাজার কর্মী ও দির পরিবারগুলি চরম আর্থিক দুর্বশার মধ্যে পড়ে যার্থাদালতে জানানো হয়। অনাহার মৃতা ফেন তাদের জীন নিত্যনৈমিত্তিক ঘটনায় পরিণত হয়। এদিকে

সরকারের টাকা করে ফলে শ্ৰমি (कट्टीय বাগানের শ্ৰমিক ইউ কিন্তু বাগা-থাকায় বা छ्ल। রাজ জলের ব্য সলিসিটর তেওয়ারি জারির ট শ্রমিকদের কর্তৃপক্ষে প্রকর ব व्यक्तिकर ভানকান

वानानट সরকার CHONIA

DMK PATADENY THE UNITED STATE OF THE SANGALITHAA GOVI OVER PLANGAMENT TO SANGALITHAA GOVI OVER PLANGAMENT SANGAMENT SANGAMENT



Mulayam Singh Yaday at Parliament during the ongoin Budget session in the Capital

Hartal against attack: BJP and CPI(M) are observing a hartal in Thiruvananthapuram to protest against Mon-day night's attack on their workers at Kat-tayikonam in the district, which had left at least 16 injured.

Four arrested: Four ons, including the mother of the girl whose husband was hacked to death in full public view in a suspected case of hon-our killing in Tirupur district, were arrest-

Kerala political violence: YC worker hacked to death

Thiruvananthapuram/ Alapuzha, 15 March

In fresh escalation of polit-In firsh escalation of political violence in polit-bound Kerala, a 28-year-old Youth Congress worker was hacked to death allegedly by DYFT workers at Evoor in Ala-puzha early today even as BJP and CPI(M) workers clashed in Thiruvananthapuram district leaving at least 30 injured.

Police sources said Youth Congress worker Sunil Kumar was woken up from sleep at 2a.m. this morning by eight activists of Democratic Youth Federation of India(DYFT), the youth wing of CPI(M), and attacked as he ran out of the house.

Kumar suffered serious injuries on his hands and legs and later succumbed to his wounds, police said. The victim was said to have been a DYFI activist earlier. Four DYFI workers have been arrested, police said and added that a hunt is on for others. Last night, BJP and CPI(M) workers had clashed

at Kattayikonam in Thiru-vananthapuram district, teaving at least 30 injured. One of them is reportedly, in serious condition. Former BJP state Pres-ident V Muraleedharan was amongthose injured in stone throwing. allegedly by

among those injured in stone throwing, allegedly by CPI(M) workers. Demand-ing the arrest of the accused, BJP observed a hartal in the district today. CPI-M had also called for a hartal today in Kattavikonam. in Kattayikonam.

Vehicles have been exempted from the hartal's purview to prevent incon-venience to students appearing for exams. As the polit-ical heat over the 16 May elections is slowly rising, reports of rival party work ers clashing in various parts of the state, especially north-ern Kannur district, are also increasing. An RSS worker was recently hacked to death in Pappinesseri and a BJP worker escaped with serious injuries in Panur, both in Kannur district after they were attacked allegedly by CPI(M) work-

YSRCP MOVES NO-TRU MOTION AGAINST KOD

COMES A DAY AFTER A SIMILAR MOTION AGAINST GOVT SAV

STATESMAN NEWS SERVICE Hyderabad, 16 March

In an unprecedented move, Opposition voltage moved anotrust motion against the Speaker of Andhra Pradesh Assembly, Rodela Siva Prasad Rao, just aday after its no trust confidence against the government was defeated, albeit for the same reason, that is, seeking the disqualification of its legislators who have defected. Though the Opposition moved the no-confidence motion against the Speaker alleging partisan behaver alleging partisan behaver

motion against the Speak motion against the Speak er alleging partisan behav-iour, particularly in the role he played over the year-long suspension of its MLA Roja, Leader of the Opposition, YS Jaganmohan Reddy also admitted that the party wanted to issue a whip in order to disqualify its eight members who have crossed over to TDP.

Not only was the motion defeated but the ploy fell through as the treasury

■ The Opposition moved the no-confidence motion against the Speaker alleging partisan behaviour, particularly in the role he played over the year-long suspension of its MLA Roja

Leader of the Opposition, YS Jaganmohan Reddy admitted that the party wanted to issue a whip in order to disqualify its eight members who have crossed over to TDP

benches quoted rules to force the debate on the very day the motion was moved despite howls of protest from the Opposition.

In a 20-minute-long heat-ed exchange Mr Reddy demanded that the debate should be taken up after 14 days to enable them to issue whip while the government side led by legislative affairs minister, Mr Y Ramakr-ishudu argued that the House needs the Speaker to preside over the rest of the Budget session and so the debate should be taken up immediately

He added that the issuing of whip was a matter of mo concern to the House. Lambasting the government side as well as the Speaker for not disqualifying the defectors Mr Reddy accused them of shying away from facing the electorate and circumventing the anti defection law which was aimed at containing defection in the face of various allurements.

The motion was defeat ed after a debate as only 5 voted for it while there wer 97 votes against it. Speake Kodela Siva Prasad Ra had excused himself sin-

Classified



Campany Petition No 636 Of 2015 IN the High Court at Calcutta ordinary original Civil Jurisdiction M/s. Amitreshmi Ispat And Pigments Private Ltd. & others 9A Kyd Street en Tower, Kolkatta-700016

And in the matter of M/s. Bebb India Pvt Ltd.Petition

A petition under section Section 433 434 and 439 a of the Companies Act 1956, was presented by M/s Bebb India Private Limited before the Hon'ble High Court At Calcutta, Original Jurisdiction on 22.09.2015 and the said petition was listed before the Hon'ble Justice Saniil admitted before the Court on the first working day after the expiry of four weeks from the date of this publication. Any person desirous of supporting or opposing the said petition should send to the petitioner's advocate, notice of his intention, signed by him or his advocate, with his name and address so as to reach the petitioner' advocate not later than 'two day. before the date fixed for the hearing of the petition. Where he seeks to oppose the petition, the grounds of opposition or a copy of his affidavit shall be furnished with such notice. A copy of the petition will be furnished by the undersigned to any person requiring the same on syment of the prescribed charges

> Dinendra Nath Chatterjet (Advocate) High Court, Calcufta Bar Association, Room No. 4 Phone: 9836223185 (m)

WE WOULD like to inform the general public that the Original Registered Sale Deed bearing No. 3718 dated: 12.12.1973 in respect

of land measuring about 16 cottans 9 chittacks 2 sd.ft.. being Dag No. 386 within Rs. Khatian No. 159 of Mouza: Beigachia, R.S. No. 1976, Tou! No. 764, District: Howrah was misplaced from our office sometimes in the month of April 2006, if any person, who finds, it is requested to return the same to us at below mentioned address:

M/S. GDPA Steel Castings
Pvt. Ltd., P.259/1/J., Beneras Road, Howrah-711108.

Partha Kumar Ghosh Advocate Judges' Court, Howrah CL00060582

Facticity of 'Krishi Bikash Shilpa Kendra' West Benga

The long standing disputes has been clarified by the Central Government, on the basis of documentation and other affirmations, it has been found that Krishi Bikas Shilpa Kendra Birbhum, West Bengal, had been established by Shri Atul oeen estabusned by Snin Artin Kumar Chakraborty to help oppressed people of that time (3-September1979). It was also supported by Former Honourable Prima Minister Late ant Indica Gandhi.

Smt. Indira Gandhi.
Shiri Atul Kumar Chakreborty,
at the time of his malaise,
handed over the responsibility
of this Institution to Shi Shakti
monitoring it. On the basis of
the inspection it was found that
Krishi Rikse Shilas Kondra Bikas Shilpa Kendra located at Birhum, West Benga is the only registered Institution and the other Institution in the name of this (Krishi Bikas Shilpa Kendra) Institution do not exist. Accordingly, Krishi Bikas Shilpa Kendra located in Birbhum is not concerned with any other Institution in the Request for absorbing it is

under consideration.

NOTICE
This is to inform all the concerned that the Ministry of Environment, Forests and Climate Change, Govt. of India, vide its Letter No.: J-

11011 / 223 / 2012-IA II (I),
Dated: 19.02.2016, has
accorded Environmental
Clearance for Expansion of
Sponge fron Plant,
Induction Furnace, Rolling
Mill, Ferro Alloys and CPP at
Vill. + P.O. & Mouza: Ikrah,
Jamurla. West Bengal by
Bhagwati Sponge Pvt. Ltd.
The copy of Environmental
Clearance is available with
the office of WBPCB,
Kolkata and may also be
seen at the website of the
MOFF & CC at
http://envior.nic.in
Bhagwati Sponge Pvt. Ltd.
25, Ganesh Chandra Avenue
4th Floor, Kolkata-700013
West Bengal



I, MALATI Das and Malti Das, W/o. Manas Kumar Das is same and identical per-son, vide affidavit sworn before 1st Class Judicial Magistrate at Alipore on 75.02.2016. CL00060594

I, SUSMITA Manna, D/o. late Amal Dhara and W/o. Shyam Sundar Manna, do hereby declare that Susmita Manna and one identical person, vide affidavit sworn before the 1st Class Judicial Magistrate, Alipore on 19,08.2015.

GOBINDA Chandra Roy. , GUBINDA CHARIDA NO. -VIII. - Kakdihi, P.O. -Mecheda, Dist. - Purba Medinipur, 721137, Tamluk Court Affidavit No. 989/16, Dt. - 11.03.16. - Gobinda Charan Ray and Gobinda Chardra Roy is same per-

son. CL00060579



TEACHERS REQUIRED
Walk-in Interview at Saint
Paul's School, Paharpur,
Jaipaiguri (ICSE & ISC.
Curriculum) on 20.03.2016,
between 10 a.m. and 12
noon for the following

Obsts: 1. Physics (M.Sc., B.Pt.). 2. Mathematics (M.Sc., B.Ed.). 3. Teachers for Lower Classes (Mosters with B.Ed. / TTC & B.A. or M.A. in Music).
Require ments: Handwritten biodata along with educational-certificate at the time of interview.

Contact: 8170008880.

Principal

CL00060598

TENDERS

RAIA N.L. KHAN WOMEN'S
COLLEGE
IGODE Palace, Midnapore
Paschim Medinlpore-721102
Phone: 03222 275426
NOTICE INVITING
QUOTATION
12.03.2016
Sealed quotations are

12.03.2016
Sealed quotations are hereby invited from reputed agencies / suppliers with sufficient credentials and all necessary documents for undermentioned items as per particulars given below within the specified time:

wooden table for

Library.

2. Wooden frame with netting in the window & display boards of Library.

Last date and time for submission of quotation:
18.03.15 up to 12 noon.

Date & time of opening of quotation:
18.03.16 at 2.15 p.m.

All quotations are to be deposited in the Tender Box kept in the Principal's Office. Principal reserves the right to reject any tender.

Principal Raja N.L. Khan Women's College Midnapore West Bengal

CL00060597

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Heat in Parliament over AP's special category status



The Bill was brought up by the UPA government. Ildoes not conain the words of special category' status

VENKAIAH NAIDU

PRESS TRUST OF INDIA New Delhi, 15 March

The issue of special category status to Andhra-Pradesh generated heat in Parliament today with government seeking to furn the tables on the Congress insisting that the promise has not been made part of the A P Reorganisation . Act which carved separate Telangana out of the

undivided state. "I am a student of Law Nowhere in the Act is this written about. The Bill was brought up by the UPA Government. It does not contain the words of 'special category' status", Parliamentary Affairs Minister Venkaiah Naidu saidin Lok Sabha, amid protests from Congress members who staged a

brief walkout. Taking potshots at osition party of being

ernment has taken a "keen interest" on the development of Andhra Pradesh soon after it took office and had taken a number of decisions to help the state including on the ambitious Polavaram multipurpose irrigation project.

Asserting that the gov-ernment has gone "little out of the way" to help Andhra Pradesh, he reeled out names of a series of projects and institutes that have been granted to Andhra Pradesh including an IIT and an IIM to ensure its speedy development. He said "we will take care of Telangana also".

Raising the issue, Mallikarjun Kharge (Cong) said Andhra Pradesh and Telangana were promised special category status by UPA government but the new dispensation had not granted it. He said Naidu had favoured such a status for 10 years when he was in the opposition. The states were also promised. tax incentives, central universities and many other facilities as he questioned the government on their status. In the Lok Sabha, Jithender Reddy (TRS) raised the issue of lack of a high court exclu-sively for Telangana, saying the "Andhra Pradesh-dominated" high court is "poised" to work against the new

state's interests. He said new states

Centrev to Andh

PRESS TRUST OF INDIA New Delhi, 15 March

Finance Minister Arun ley today assured F Sabha that the Centr fulfil all commitments towards Andhra Pri in 'letter and spirit lowing protests by Congress members.

Raising the issu ing the Zero Hour, Le the Opposition and gress leader Ghulan Azad said two yea when the state of gana was carved Andhra Prades biggest issue among was of capital Hyd

Hyderabad w Telengana, leading enue loss to Pradesh, he said then Prime Minis mohan Singh ha

