

# BALAJEE HITEC ROLLING PVT. LTD.

CIN - U27310BR1992PTC004871 E-mail – balajeehitec@gmail.com

28<sup>th</sup> October, 2024

The Zonal Officer,  
Integrated Regional Office of Ministry of Environment, Forest & Climate Change,  
Govt. of India, Eastern Central Zone,  
2<sup>nd</sup> Floor, Jharkhand State Housing Board (HQ)  
Harmu Chowk,  
Ranchi (Jharkhand)-834 002

Sub : Compliance Report of Environment Clearance granted by Ministry of Environment & Forest, Govt. of India vide F.No.J-11011/869/2008-IA II (I) dt.23.07.2010 for establishment of non-recovery Coke Oven Plant by M/s. Balajee Hitec Rolling Pvt. Ltd. with production capacity of Hard Coke-60000 TPA at Village-Gangapur, P.O. Gadisirirampur, District-Giridih (Jharkhand)

Sir,

As informed vide our compliance reports submitted earlier that “Unit is facing non-operational situation from 28.09.2021”, we humbly inform you that the status of the unit is even now unchanged.

We hereunder submit our detailed compliance report to the conditions of above Environmental Clearance for non-operational period ending on 30<sup>th</sup> September, 2024 (1<sup>st</sup> half-year of FY: 2024-25) as under :

## A. Specific Conditions

Sl. No.	Condition	Compliance
1.	Efforts shall be made to reduce RSPM levels in the ambient air and a time bound action plan shall be submitted. Online ambient air quality monitoring and continuous stack monitoring facilities for all the stacks shall be provided.	We have already: 1. concreted transport roads within the premises; 2. concreted work place; 3. provided fixed water sprinklers on transport roads and dusty places within the premises; 4. provided manual water sprinklers on approach road; 5. tightly covered trucks with PUC will be used for transportation of raw material (coal) and finished product (hard coke) when plant will come into operation; 6. provided sheds for raw material and finished product separately; 7. provided stack of adequate height with Double Tunnel System;

EW129969006IN IVR:6987129969006  
SP NBC KOLKATA RMS <700001>  
Counter No:3,29/10/2024,15:34  
To:THE ZONAL OFFICER,RANCHI  
PIN:834002, Doranda HO  
From:BALAJEE HIT,KOLKATA  
Wt:85gms  
Amt:47.20,Tax:7.20,Amt.Paid:47.00(Cash)

<Track on www.indiapost.gov.in>

<Dial 18002666868> <Wear Masks, Stay Safe>

EW129968990IN IVR:6987129968990  
SP NBC KOLKATA RMS <700001>  
Counter No:3,29/10/2024,15:34  
To:THE MEMBER SECRETARY,RANCHI  
PIN:834004, Dhurwa SO  
From:BALAJEE HIT,KOLKATA  
Wt:85gms  
Amt:47.20,Tax:7.20,Amt.Paid:47.00(Cash)

<Dial 18002666868> <Wear Masks, Stay Safe>

EW129968972IN IVR:6987129968972  
SP NBC KOLKATA RMS <700001>  
Counter No:3,29/10/2024,15:34  
To:THE REGIONAL OFFICE,HAZARIBAGH  
PIN:825301, Hazaribagh HO  
From:BALAJEE HIT,KOLKATA  
Wt:85gms  
Amt:47.20,Tax:7.20,Amt.Paid:47.00(Cash)

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Sl. No.	Condition	Compliance
		8. greenery has been developed, the process is continuing to increase the density that of; 9. online AAQ (PM <sub>10</sub> ) Analyzer by M/s. Vasthi Instruments Pvt. Ltd., Guntur has been installed; 10. online continuous stack monitoring facility will be provided when plant will start its operation;
2.	Stack monitoring facilities for all the major stacks and adequate air pollution control systems viz. dust catchers or cyclones, Multi stage scrubber, bag filters, etc. to control particulate emissions below 50 mg/Nm <sup>3</sup> from coke oven plant shall be provided. Carbon Mono-oxide (CO) shall also be monitored alongwith other parameters and standards notified under E (P) Act shall be followed. The reports shall be submitted to the Ministry's Regional Office at Bhubaneswar, Central Pollution Control Board (CPCB) and Jharkhand State Pollution Control Board (JSPCB).	Appropriate PCEs at dust generation points (unloading point of raw material and loading point of finished products) have been provided. Concentration of Particulate Emission will be monitored along-with other parameters and standards notified under E (P) Act when plant will start its operation.
3.	The National Ambient Air Quality Standards issued by the Ministry vide G.S.R.No.826(E) dated 16 <sup>th</sup> November, 2009 should be followed.	Quarterly monitoring of 12 parameters for AAQ is done as per National Ambient Air Quality Standards, 2009. Online PM <sub>10</sub> Analyzer is installed within the premises.
4.	The prescribed emission standard for coke oven plants, as notified vide Notification No.GSR 46(E) dated 03 <sup>rd</sup> February, 2006 and subsequently amended shall be complied with.	Emission standard as per amended norms is maintained. During this compliance period, the plant is non-operational.
5.	Multi stage scrubber shall be installed to control gaseous and dust emission from the coke oven stack.	We have provided stack of adequate height with Double Tunnel System. Gaseous and dust emission from the coke oven stack is maintained as per prescribed standards. During this compliance period, the plant is non-operational.



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Sl. No.	Condition	Compliance
6.	The waste heat from the coke oven unit shall be utilized for preheating of the coal to conserve the energy.	Coke oven brick work also conserve waste heat which is utilized for preheating of the coal to conserve the energy. Doors of coke ovens are kept closed not to let out the waste heat of oven. During this compliance period, the plant is non-operational.
7.	In-plant control measures like bag filters, de-dusting and dust suppression system shall be provided to control fugitive emissions from all the vulnerable sources. Dust extraction and suppression system shall be provided at all the transfer points, coal handling plant and coke sorting plant of coke oven plant. Bag filters shall be provided to hoods and dust collectors to coal and coke handling to control dust emissions. Water sprinkling system shall be provided to control secondary fugitive dust emissions generated during screening, loading, unloading, handling and storage of raw materials, etc. Dry fogging system shall be used for dust suppression at material handling and transfer points.	Bag filters and dust collectors to coal and coke handling, de-dusting and dust suppression system have been provided at all the transfer, coal handling and coke sorting points. In addition, Manual/Fixed Water Sprinkling system have been provided to control secondary fugitive dust emissions generated during screening, loading, unloading, handling and storage of raw materials. Dry fog systems for dust suppression at material handling and transfer points have been provided. During this compliance period, the plant is non-operational.
8.	Secondary fugitive emissions shall be controlled within the prescribed limits, regularly monitored and records maintained. Guideline/Code of Practice issued by the CPCB in this regard shall be followed.	Secondary fugitive emission is controlled effectively and monitored quarterly. In this regard guidelines issued by CPCB is followed. During this compliance period, the plant is non-operational.
9.	Vehicular pollution due to transportation of raw material and finished product shall be controlled. Proper arrangement shall also be made to control dust emission during Loading and unloading of raw material and finished product. Efforts shall also be made to reduce impact of the transport of raw material and finished product on the surrounding	Fixed water sprinklers on Transport roads within the premises have been provided. Approach road is kept wet by manual sprinkling of water. Loading and unloading of raw material and finished product is done under adequate size of enclosed shed. Raw material and finished product is carried in tightly covered trucks with valid PUC certificates. Raw material and finished product is not overloaded on trucks and is covered

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Sl. No.	Condition	Compliance
	environment including agricultural land. All the raw materials including fly ash shall be transported in the closed containers only and shall not be overloaded. Vehicular emissions shall be regularly monitored and records kept.	tightly with tarpaulin sheets/tripal. During this compliance period, the plant is non-operational.
10.	Total requirement of the water from ground shall not exceed 192 m <sup>3</sup> /day. All the treated waste water shall be recycled for dust suppression and green belt development. Domestic wastewater shall be treated in septic tank followed by soak pit and used for green belt development. Zero effluent discharge shall be strictly followed and no wastewater shall be discharged outside the premises.	We have constructed surface rain water harvesting structure of adequate size, photographic view of the same has been submitted with previous compliance report. We use stored rain water for cooling hot hard coke manufactured and cooling water is kept in a closed circuit and reused again and again. Balance cooling water, if required, is met from ground. Domestic waste water is stored in septic tank and treated in soak pit constructed of adequate size. Treated water so obtained is reused in dust suppression and green belt development. Thus we have managed to minimize the ground water withdrawal much less than 192 m <sup>3</sup> /day. We strictly adhere to 'Zero' discharge.
11.	Efforts shall be made to make use of rain water harvested. If needed, capacity of the reservoir shall be enhanced to meet the maximum water requirement. Only balance water requirement shall be met from other sources.	Rain water harvesting structure of adequate capacity has been provided. Only balance required water is met from ground. During this compliance period, the plant is non-operational.
12.	Ground water monitoring around the solid waste disposal site/secured landfill(SLF) should be carried out regularly and report submitted to the Ministry's Regional Office at Bhubaneswar,CPCB and JSPCB.	Solid waste i.e. coal and coke fines are reused in manufacturing process. We do not require solid waste disposal site. During this compliance period, the plant is non-operational.
13.	Permission from the Central Ground Water Board / Central Ground Water Authority shall be obtained for water drawl as may be applicable in the case.	We have already obtained permission from Central Ground Water Authority 21-4(93)/MER/CGWA/2011-3928 dated 21 June 2012, copy submitted along-with our previous compliance report.



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Sl. No.	Condition	Compliance
14.	As proposed, greenbelt shall be developed in 2.52 acres of plant area within and around the project site to mitigate the impact of fugitive emissions as per the CPCB guideline in consultation with local DFO.	Green belt has been developed on 2.52 acres of plant area. Density of green belt is being increased continuously. Photographic view of green belt has been submitted alongwith our previous compliance report.
15.	The recommendations made in the Charter on Corporate Responsibility for Environment Protection (CREP) for the Coke Oven Plants shall be implemented.	<p>Recommendations made in the Charter on Corporate Responsibility for Environment Protection (CREP) for the Coke Oven Plants is implemented. We submit point-wise compliance as follow:-</p> <p><u>CREP conditions &amp; compliance :</u></p> <ol style="list-style-type: none"><li>1. <u>To rebuild at least 40% of the coke oven batteries in next 10 years :</u> <i>Our industry has started operation in April, 2021. No rebuild of coke oven batteries is required at this stage. No leaking factors apply to us as the batteries of our coke oven plant has been maintained properly. Operation of the plant was closed down on 28.09.2021.</i></li><li>2. <u>Fugitive Emission:</u> <i>To minimize fugitive emission we have concreted roads, shop floor, RM &amp; Finished goods shed floor. Fixed type water sprinklers along the constructed concrete roads has been provided. Besides, manual water sprinkling (by water Tankers) is also done on the floor of the work-shop and approach roads of transportation. Tightly covered trucks with PUC are being used for transportation of raw material (coal) and finished product (hard coke).</i></li><li>3. <u>Solid Waste / Hazardous Waste Management:</u> <i>100% coal and coke fines are reutilized in manufacturing process. We do not generate hazardous waste like tar sludge/ETP sludge.</i></li><li>4. <u>Water Conservation / Water Pollution :</u> <i>Rain water including roof-top rain water and surface rain water is harvested to meet out the maximum water requirement for cooling of hot product (Hard Coke). Cooling water is recycled again and again</i></li></ol>

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Sl. No.	Condition	Compliance
		<p>and kept in closed circuit. Only make-up water and water required for domestic purpose is abstracted from ground. Domestic waste water is treated by septic tank followed by soak-pit and reused in dust suppression and greenbelt development. Ground water consumption is much less than abstraction permitted by CGWA. No water pollution exists in our plant.</p> <p>5. <u>Installation of Continuous Stack Monitoring System:</u> We have purchased and installed PM online monitoring system. We have installed 50 meter high stack connected to double-tunnel system and monitoring of stack emission of parameters like CO, NOx, SO<sub>2</sub> are done by recognized laboratory during operation of plant.</p> <p>During this compliance period, the plant is non-operational .</p>
16.	All the commitments made to the public during the Public Hearing / Public Consultation meeting held on 30 <sup>th</sup> October, 2009 shall be satisfactorily implemented and a separate budget for implementing the same shall be allocated and information submitted to the Ministry's Regional Office at Bhubaneswar.	Complied. Implementation detail of commitments to public during Public Hearing submitted along-with previous compliance report.
17.	At least 5% of the total cost of the project shall be earmarked towards the corporate social responsibility and item-wise details alongwith time bound action plan should be prepared and submitted to the Ministry's Regional Office at Bhubaneswar. Implementation of such program should be ensured accordingly in a time-bound manner.	<p>Total project cost is Rs.1223.16 Lac. 5% Rs.61.16 Lac has been earmarked towards the corporate social responsibility(CSR). Our plant could run only 6 months approximately and thereafter closed down its operation. After restart of operation and profit-gain, CSR work will be started.</p> <p>During this compliance period, the plant is non-operational.</p>



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Sl. No.	Condition	Compliance
18.	Risk and Disaster Management Plan along-with mitigation measures shall be prepared and a copy submitted to the Ministry's Regional Office at Bhubaneswar, SPCB and CPCB within 3 months of issue of environment Clearance letter.	Risk and Disaster Management Plan along-with mitigation measures will be submitted when the plant restarts its operation. During this compliance period, the plant is non-operational.
19.	The Company shall provide housing for construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, crech, etc. The housing may be in the form of temporary structures to be removed after the completion of the project.	Construction phase of the project is over. During construction phase, we had provided housing for construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, crech, etc. which have been removed after completion of construction of the project.

## **B. General Conditions**

Sl. No.	Condition	Compliance
i.	The project authorities must strictly adhere to the stipulations made by the Jharkhand State Pollution Control Board and the State Government.	We have obtained CTO No. JSPCB/HO/RNC/CTO-11009399/2021/1648 dt.27.12.2021 valid till 31.12.2024. CTO Renewal Application No.20181132 dt.07.09.2024 has been submitted to JSPCB. We strictly adhere to the stipulations made by the J.S.P.C. Board and the State Government. During this compliance period, the plant is non-operational.
ii.	No further expansion or modifications in the plant shall be carried out without prior approval of the Ministry of Environment and Forests.	No further expansion or modifications in the plant has been done. If it is proposed to be made, prior EC from MoEF and CC & CTE from SPCB shall be obtained as per norms.
iii.	The gaseous emissions from various process units shall conform to the load/mass based standards notified by this Ministry on 19 <sup>th</sup> May, 1993 and standards prescribed from time to time. The State Board may specify more stringent standards for the relevant parameters keeping in view the nature of the industry and its size and location.	<p>The gaseous emissions during operation from various process unit conforms standards notified by this Ministry. During this compliance period, the plant is non-operational.</p> <p>Offline AAQ parameters (12) are monitored during operation by M/s. Scientific Research Laboratory an ISO 9001:2015(QMS) &amp; OHSAS 45001: 2018 certified organization recognized by JSPCB. AAQ monitoring reports will be submitted when plant restarts its operation.</p>

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Sl. No.	Condition	Compliance
iv.	At least four ambient air quality monitoring stations should be established in the downward direction as well as where maximum ground level concentration of PM <sub>10</sub> , SO <sub>2</sub> and NO <sub>x</sub> are anticipated in consultation with the SPCB. Data on ambient air quality and stack emission shall be regularly submitted to the Ministry including its Regional Office at Bhubaneswar and the SPCB/CPCB once in six months.	As per guidance of JSPCB/MoEF, Ambient Air Quality Monitoring at four points and stack emission monitoring by recognized laboratory is done regularly when plant is in operation. Monitoring report to this effect to the Ministry Regional Office will be submitted with a copy to SPCB/CPCB when plant comes into operation.
v.	Industrial waste water shall be properly collected, treated so as to conform to the standards prescribed under GSR 422 (E) dated 19 <sup>th</sup> May, 1993 and 31 <sup>st</sup> December, 1993 or as amended from time to time. The treated wastewater shall be utilized for plantation purpose.	Our non-recovery coke oven plant is a dry processed except water use for cooling of hot hard coke. During operation, the cooling water is kept in a closed circuit and reused for the same. No industrial waste water generated and discharged outside premises. Domestic waste water treated in septic tank followed by soak-pit is utilized for greenbelt development. During this compliance period, the plant is not in operation.
vi.	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 (day time) and 70 dBA (night time).	We have provided noise level control system at all noise generation sources to keep the noise level within the prescribed limit. During this compliance period, the plant is not in operation.
vii.	Occupational health surveillance of the workers shall be done on a regular basis and records maintained as per the Factories Act.	Occupational health surveillance of the workers is done by organizing medical camp within premises on six monthly basis when the plant is in operation and records maintained as per Factory Act. During this non-operational period no worker is attending plant.
viii.	The Company shall develop surface water harvesting structures to harvest the rain water for utilization in the lean season besides recharging the ground water table.	Surface rain water is harvested into an adequate size reservoir constructed within the premises with proper drainage system.



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Sl. No.	Condition	Compliance
ix.	The project proponent shall also comply with all the environmental protection measures and safeguards recommended in EIA/EMP report. Further, the Company must undertake socio-economic development activities in the surrounding villages like community development programs, educational programs, drinking water supply and health care, etc.	We, during operation, comply all environmental protection measures and safeguards as per EIA/EMP report. We will implement socio-economic development activities in surrounding villages like community development programs, educational programs, health care and drinking water supply to the villagers dwelling in nearby villages when plant restarts. During this compliance period, the plant is not in operation.
x.	Requisite amount 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 and Forests 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.	We have earmarked Rs.51.00 Lac & Rs.7.00 Lac towards capital cost and recurring cost/annum respectively. The said earmarked fund has not been diverted for any other purpose. We have already incurred capital cost Rs.51.00 Lac towards installation of pollution control equipments. Recurring cost will be incurred per annum regularly when plant restarts. During this compliance period, the plant is not in operation.
xi.	A copy of clearance letter shall be sent by the proponent to concerned Panchyat, 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.	We have submitted copy of Environmental Clearance to the D.C. (Admn), Giridih and to the Secretary, District Board Office, Giridih, copy of receipts dt.27.09.2010 have been already submitted along-with 1 <sup>st</sup> six months compliance report. Environmental Clearance has been put on our website ' <i>bhrpl.com</i> ' under Compliance-EC head.
xii.	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 at Bhubaneswar, the respective Zonal Office of CPCB and the CECB. The criteria pollutant levels namely; PM <sub>10</sub> ,	This EC compliance report for the period from 01 <sup>st</sup> April, 2024 to September, 2024 is being uploaded for non-operational period as the industry is yet non-operational during this compliance period. We have installed online monitoring system for PM <sub>10</sub> for AAQ monitoring. Criteria pollutant levels namely; PM, CO, SO <sub>2</sub> and NO <sub>x</sub> (ambient levels as well as stack emissions) will also be monitored manually by

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Sl. No.	Condition	Compliance
	SO <sub>2</sub> and NO <sub>x</sub> (ambient levels as well as stack emissions) or critical sectoral parameters, indicated for the projects shall be monitored and displayed at the convenient location near the main gate of the Company in the public domain.	recognized laboratory as per norms when plant restarts. Installation of display of AAQ monitoring system near the main gate of the industry in the public domain will be implemented when plant comes into operation. During this compliance period, the plant is not in operation.
xiii.	The project proponent shall also submit six monthly reports on the status of the compliance of the stipulated environmental conditions including results of monitored data (both in hard copies as well as by e-mail) to the Regional Office of MoEF, the respective Zonal Office of CPCB and the SPCB. The Regional Office of this Ministry at Bhubaneswar/CPCB/SPCB shall monitor the stipulated conditions.	We are submitting six monthly compliance report for non-operational period from 01 <sup>st</sup> April, 2024 to September, 2024 to the Regional Office of MoEF & CC, respective Zonal Office of CPCB and to the concerned SPCB. During this compliance period, the plant is not in operation.
xiv.	The environmental statement for each financial year ending 31 <sup>st</sup> 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 at Bhubaneswar by e-mail.	The environmental statement for financial year ending 31 <sup>st</sup> March, 2024 for non-operational period has been submitted by Speed Post to the State Pollution Control Board and is being uploaded on the website of the Company. Copy of the said environmental statement for non-operational period (FY: 2023-24) is enclosed herewith for your needful.
xv.	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 and Forests at <a href="http://envfor.nic.in">http://envfor.nic.in</a> . This shall be	We have submitted copy of Environmental Clearance to the D.C. (Admn), Giridih and to the Secretary, District Board Office, Giridih. Copy of receipts have been submitted along-with our previous compliance report. The said Environmental Clearance is also available for public in the office of JSPCB, Ranchi, RO, JSPCB, Hazaribagh including our website under 'Compliance' head.



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Sl. No.	Condition	Compliance
	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.	
xvi.	Project authorities shall inform the Regional Office as well as the Ministry, the date of financial closure and final approval of the project by the concerned authorities and the date of commencing the land development work.	Complied vide our earlier EC compliance report.

Sir, this is again to state here that we have installed all necessary equipments to control the pollution within prescribed limits. Online monitoring arrangement in connection with AAQ (PM<sub>10</sub>) has already been made.

Note : During this compliance period, the plant is not in operation. Re-Start of the unit will be informed to your goodself separately. Further, any direction received from your end will be attempted promptly.

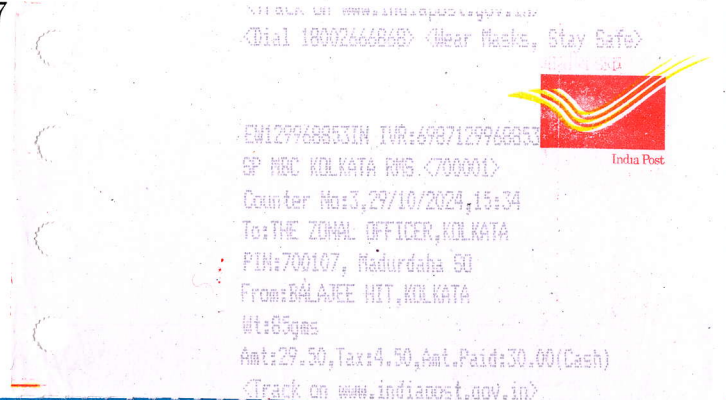
Thanking you,  
Yours faithfully,  
For Balajee Hitec Rolling Pvt. Ltd.

*Santosh Kumar*  
Authorized Signatory  
Encl: As above



CC: The Member Secretary, JSPCB, T.A. Division Bldg.(Ground Floor), HEC Complex, Ranchi - 834004  
CC: The Regional Office, JSPCB, PTC Chowk, Hazaribagh (Jharkhand) - 825301  
CC: The Zonal Office, CPCB, Southern Conclave, Block 502, 5th and 6th Floors, 1582 Rajdanga Main Road, Kolkata - 700 107

-All for information.





# SCIENTIFIC RESEARCH LABORATORY

An ISO 9001:2015 (QMS) & OHSMS 45001:2018 Certified Organization

Accredited by NABL & Jharkhand State Pollution Control Board

Analytical & Environmental Engineering Laboratory

Address: C-144, Aman Green City, Road No. 04, Pundag, Ranchi- 834 004, Jharkhand

Tele No.: 0651-4057244, Mobile: 94701 30700, E-mail: srlranchilab@gmail.com



TC 11163

## TEST REPORT

ULR No.: TC111632400000247F	Test Report No.	: SRL/R/AAQ/OCT/24/250
Customer's Name & Address	Report Issue Date	: 04.10.2024
M/s Balajee Hitec Rolling (P) Limited, At.: Gangapur, P.O.: Gadi Srirampur, P.S.: Giridih (M), District: Giridih, Jharkhand.	Type of Sample	: Ambient Air
	Date of Sampling	: 30.09.2024 & 01.10.2024
	Sample Receipt Date	: 01.10.2024
	Analysis Date	: 01.10.2024 to 04.10.2024
	Sample Collected by	: SRL Team
(Application No.: 20315174 dated 28.09.2024)	Sample Condition	: Refrigerated

Weather Condition: Partly Clear	Ambient Temperature (°C) : 31	Relative Humidity (%) : 67
Atmospheric Pressure (mmHg): 756	Wind Speed (km/hr.) : 7.0	Wind Direction : WNW

## TEST RESULTS

Sl. No.	Parameters	Unit	Results	Standards Value*	Test Method
<b>1. Sampling Location: Near Main Entrance Gate</b>					
I.	Respirable Particulate Matter (PM <sub>10</sub> )	µg/m <sup>3</sup>	66.00	100	IS: 5182 (Part- 23)
II.	Respirable Particulate Matter (PM <sub>2.5</sub> )	µg/m <sup>3</sup>	41.00	60	IS: 5182 (Part- 24)
III.	Sulphur Dioxide (SO <sub>2</sub> )	µg/m <sup>3</sup>	14.00	80	IS: 5182 (Part- 2)
IV.	Nitrogen Dioxide (NO <sub>2</sub> )	µg/m <sup>3</sup>	23.00	80	IS: 5182 (Part- 6)
<b>2. Sampling Location: Near North – East Boundary of Plant Campus</b>					
I.	Respirable Particulate Matter (PM <sub>10</sub> )	µg/m <sup>3</sup>	63.00	100	IS: 5182 (Part- 23)
II.	Respirable Particulate Matter (PM <sub>2.5</sub> )	µg/m <sup>3</sup>	38.00	60	IS: 5182 (Part- 24)
III.	Sulphur Dioxide (SO <sub>2</sub> )	µg/m <sup>3</sup>	13.50	80	IS: 5182 (Part- 2)
IV.	Nitrogen Dioxide (NO <sub>2</sub> )	µg/m <sup>3</sup>	22.60	80	IS: 5182 (Part- 6)
<b>3. Sampling Location: Near North – West Boundary of Plant Campus</b>					
I.	Respirable Particulate Matter (PM <sub>10</sub> )	µg/m <sup>3</sup>	61.00	100	IS: 5182 (Part- 23)
II.	Respirable Particulate Matter (PM <sub>2.5</sub> )	µg/m <sup>3</sup>	37.00	60	IS: 5182 (Part- 24)
III.	Sulphur Dioxide (SO <sub>2</sub> )	µg/m <sup>3</sup>	13.50	80	IS: 5182 (Part- 2)
IV.	Nitrogen Dioxide (NO <sub>2</sub> )	µg/m <sup>3</sup>	22.00	80	IS: 5182 (Part- 6)

Remarks: All the monitored parameters are within the prescribed limit.

\*National Ambient Air Quality Standards (NAAQS), 2009.

(Remarks: Plant was not operational during monitoring period)

Note:

1. The results relate only to the items sampled and tested.
2. Test report shall not be reproduced except in full without written approval of the laboratory.

Niraj

(Dr. Niraj Kumar Singh)  
Authorized Signatory

-- End of the Report --



**TEST REPORT**

ULR No.: TC1116324000000248F	Test Report No.	: SRL/R/N/OCT/24/251
Issued to:	Report Issue Date	: 04.10.2024
M/s Balajee Hitec Rolling (P) Limited, At.: Gangapur, P.O.: Gadi Srirampur, P.S.: Giridih (M), District: Giridih, Jharkhand.  (Application No.: 20315174 dated 28.09.2024)	Type of Sample	: Ambient Noise
	Date of Sampling	: 30.09.2024 & 01.10.2024
	Sample Receipt Date	: 01.10.2024
	Analysis Date	: 03.10.2024
	Sample Collected by	: SRL Team
	Weather Condition	: Partly Cloudy
	Atmospheric Temp.(°C)	: 31
	Test Method	: IS 9989: 1981

**AMBIENT NOISE MONITORING DATA**

Sl. No.	Monitoring Location	Date of Monitoring	Sound Pressure Level, dB(A)	
			Day Time (06.00-22.00 hr.)	Night Time (22.00-06.00 hr.)
1.	Near Main Entrance Gate	30.09.2024 & 01.10.2024	52.5	41.3
2.	Near North – East Boundary of Plant Campus	30.09.2024 & 01.10.2024	51.8	40.1
3.	Near North – West Boundary of Plant Campus	30.09.2024 & 01.10.2024	51.3	39.6

Remarks: Measured noise levels were well within the prescribed norms.

Norms: National Ambient Air Quality Standards (NAAQS) in respect of Noise as per CPCB, New Delhi,

Industrial Area : Day Time 75 dB(A) Leq and Night Time 70 dB(A) Leq

Commercial Area : Day Time 65 dB(A) Leq and Night Time 55 dB(A) Leq

Residential Area : Day Time 55 dB(A) Leq and Night Time 45 dB(A) Leq

Silence Zone : Day Time 50 dB(A) Leq and Night Time 40 dB(A) Leq



Dr. Niraj Kumar Singh  
(Authorized Signatory)

-- End of the Report --