

BAI

EF3625809977IN IVR:6976362580997
SP SPC COUNTER PATNA RMS (800001)
Counter No:2,09/12/2018,16:28
To:MEMBER SECRETARY ,BSPCB PATNA
PIN:800013, Patliputra SD
From:BALAJEE MIN,RE ROLLING EXHIB
Wt:102gms
Amt:29.50(Cash)Tax:4.50



2322388

E-ROLLING PVT. LTD.

ON ROAD, PATNA-1



Date: 25th October, 2018.....

Ref. No.

The Zonal Officer,
Ministry of Environment & Forests,
Eastern Central Zone,
Bungalow No. A-2, Mecon Colony, Shyamli,
Ranchi (Jharkhand)-834002

Sub : Compliance to the conditions of Environmental Clearance Issued vide Ministry of Environment & Forests, Govt. of India Letter No.F.No.1-1011/657/2009-1A11(1) dated 28.10.2010 for the period ending on 30th September, 2018 in favour of our Rolling Mill Unit at Mahadeopur Phulari, Bihta, Patna

Sir,

With reference to the above Ministry's Environmental Clearance F.No.1-1011/657/2009-1A11(1) dated 28.10.2010 we submit our compliance to the conditions mentioned therein for the period ending on 30th September, 2018 (Period from 01.01.2018 to 30.09.2018-9 months to regularize the anomaly in the period as described and permission asked for in our letter dated 22.07.2018), as under :

A. SPECIFIC CONDITIONS :

Sl. No.	Conditions	Our Compliance
I.	To control the particulate emission below 50 mg/Nm ³ , multi-cyclones shall be installed and emissions shall be dispersed through stack of height as per the prescribed standards.	Coal-fired re-heating furnace is now not in use. Hot metals for Rolling Mill is received from our adjacent M.S. Billet casting unit.
II.	The National Ambient Air Quality Standards issued by the Ministry vide G.S.R. No.826(E) dated 16 th November, 2009.	The National Ambient Air Quality Standards is being followed. AAQ Test Report dt. 04.07.2018 & 21.09.2018 are enclosed.
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 should be followed.	No gaseous emission generated. Secondary Fugitive emissions from all sources are within the permissible limit and is being regularly monitored by NABL laboratory.
IV.	Total water requirement shall not exceed 22.5 KLD. The cooling water shall be recycled and zero discharge system shall be adopted. The domestic effluent shall be disposed in the septic tank followed by soak pit. Efforts shall be made to make use of rain water harvested. If provided, capacity of to meet the balance water er sources.	As per direction the quantum of required water does not exceed 22.5 KLD. Domestic Waste water is disposed in the septic tank followed by soak-pit. Zero discharge system is being maintained. Rain water is stored and used. Capacity of reservoir is adequate. Only balance water requirement is being met from own bore-well.

(Track on www.indiapost.gov.in)
(Dial 1800/246 6868)



EF362581122IN IVR:6976362581122
SP SPC COUNTER PATNA RMS (800001)
Counter No:2,09/12/2018,16:28
To:ZONAL OFFICE,CPCB MAIN ROAD
PIN:700107, Madurdaha SD
From:BALAJEE MIN,RE ROLLING EXHIB
Wt:102gms
Amt:47.20(Cash)Tax:7.20

EOPUR PHULARI, BIHTA

BALAJEE MINI STEELS & RE-ROLLING PVT. LTD.

603, LUV-KUSH TOWER, EXHIBITION ROAD, PATNA-1

Ref. No.

Date

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Sl. No.	Conditions	Our Compliance
V.	As proposed, green belt shall be developed at least in 33% of plant area. Selection of plant species shall be as per the CPCB guidelines in consultation with the DFO.	200 Nos. plantation are done Further area of 10000 sq. ft. has been taken on lease just adjacent to premises for green belt development.
VI.	At least 5% of the total cost of the project should be earmarked towards the corporate social responsibility and item-wise details along-with time bound action plan should be prepared and submitted to the Ministry's Regional Office at Bhubaneswar. Implementation of such program should be ensured accordingly in time bound manner.	5% cost i.e. Rs.67.85 Lac of Rs.1356.98 Lac of the total project cost has been earmarked towards the Corporate Social Responsibility.
VII.	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, medicine health care, crèche, etc. The housing may be in the form of temporary structures to be removed after the completion of the project.	It is a running unit. Facilities i.e. housing, drinking water, electricity, toilet, etc provided to labour/staff who resides in the plant. Old temporary type structures have been dismantled.

B. GENERAL CONDITIONS :

Sl. No.	Conditions	Our Compliance
i.	The project authorities must strictly adhere to the stipulations made by the Bihar State Pollution Control Board and the State Government.	Complying. CTO is granted till June, 2021.
ii.	No further expansion or modifications in the plant shall be carried out without prior approval of the Ministry of Environment and Forests.	No expansion or modification in the plant has been made.
iii.	The gaseous emission from various process units shall conform to the load/mass based standards notified by the Ministry on 19 th May, 1993 and standards prescribed from time to time. The State Board may specify more stringent standards for the relevant parameters keeping in view of the nature of the industry and its size and location.	We receive hot metal from our adjacent M.S. Billet plant in the existing rolling mill. Now no gaseous emission is generated. Reheating furnace is now not in use.

BALAJEE MINI STEELS & RE-ROLLING PVT. LTD.

603, LUV-KUSH TOWER, EXHIBITION ROAD, PATNA-1

Ref. No.

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Sl. No.	Conditions	Our 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 ₁₀ , SO ₂ , NS 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.	Ambient Air Quality at 4 points is being monitored by NABL recognized Laboratory and reports submitted to State Pollution Control Board. Copy of monitoring report is being attached for your needful.
v.	Industrial Waste Water 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 from time to time. The treated waste water shall be utilized for plantation purpose.	Water is used only for cooling purpose and kept in recycling system. No industrial waste water is generated.
vi.	The overall noise levels in 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).	Ambient Noise Level Test Report enclosed. It is maintained within the prescribed limit. We have noise control measure including acoustic hoods, silencers, enclosures, etc. on all sources of noise generation.
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 worker are done as per Factories Act and record maintained. Also ESIC facility which includes health check-up is available to our employees.
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.	Presently rain water is stored inside the plant in a big Kachcha pond and used for cooling, gardening, water spraying, etc. Less water is drawn from underground to maintain ground water table.
ix.	The Project proponent shall also comply with 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 village like community development programs, educational programs, drinking water supply and health care, etc.	Being implemented on regular basis. Drinking water supply and health care for local population is being implemented. Activities like community development programs, educational program, environmental awareness, etc. are also undertaken.

BALAJEE MINI STEELS & RE-ROLLING PVT. LTD.

603, LUV-KUSH TOWER, EXHIBITION ROAD, PATNA-1

Ref. No.

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Sl. No.	Conditions	Our Compliance
x.	Requisite amount shall be earmarked towards capital cost and recurring cost/annum for environment pollution control measure to implement to conditions stipulated by the Ministry of Environment and Forest 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.	Requisite amount towards capital cost and recurring cost/annum for environment pollution control measure to implement the conditions stipulated by the Ministry of Environment and Forests as well as the State Government has been earmarked and is being implemented as in para VI of General Conditions and compliance.
xi.	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.	Already complied.
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 SPCB. The criteria pollutant levels namely PM ₁₀ , SO ₂ , and NO _x (ambient levels as well as stack emission) 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.	The status of compliance of the stipulated environment clearance conditions including results of monitored updated data is always being sent to the Regional Office of the MoEF and also uploaded on website of the Company. No pollutants are generated from our plant.
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 a 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.	It is being complied. Compliance Report along-with monitoring reports is being submitted.

BALAJEE MINI STEELS & RE-ROLLING PVT. LTD.

603, LUV-KUSH TOWER, EXHIBITION ROAD, PATNA-1

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Sl. No.	Conditions	Our Compliance
xiv.	The environmental statement for each financial year ending 31 st March in Form-V as is mandate to be submitted by the project proponent to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rule, 1986 as amended subsequently, shall also be sent to respective Regional Office of the MoEF at Bhubaneswar by e-mail.	Environmental Statement is being submitted every year. Copy of Environmental Statement for the year ending on 31 st March, 2018 is enclosed.
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 Forest 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.	It has already been complied earlier.
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.	Already complied.

Thanking you,

Yours faithfully,

For Balajee Mini Steels & Re-rolling Pvt. Ltd.

Pradip Kumar Sahewal

Director

Encl: As above

CC: The Member Secretary, B.S.P.C.Board, Pariyesh Bhawan, NS. B-2, Patliputra Industrial Area, Patna-13

Cc: The Zonal Office, CPCB, Southernd Conclave, Block 502, 5th and 6th Floors, 1582 Rajdanga Main Road, Kolkata - 700 107

- For information and record.

Regd. Office :
6D Extn. : (Chatterjee Lane)
Gardanibagh
PATNA - 800 001 (Bihar)



LABORATORY ADDRESS :-
01st FLOOR, RAJHANS NIKETAN,
NEAR CANAL, RUKUNPURA,
BAILEY ROAD,
PATNA - 800 014 (BIHAR)

SHIVA TEST HOUSE

Tel. : 0612 - 2247538 / 2240752 ; TeleFax : 0612 - 2590705
E.mail.: sthatna1@yahoo.co.in

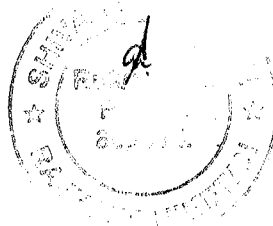


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TEST REPORT

Ref. No. <i>G/TR/18-19/285(a)</i> Dt : <i>04.07.2018</i> Your Work Order No. <i>NIL</i> Dt : <i>20.06.2018</i>				
[a]	Name and address of the Customer		M/s Balajee Mini Steels & Re-rolling Pvt. Ltd. Mahadeopur ; Phulari Bihta PATNA	
[b]	Report to be submitted to		<i>Director</i>	
[c]	Details of Sample		<i>Effluent Sample collected from final discharge point (Domestic Waste)</i>	
[d]	Sample Collected by		SHIVA TEST HOUSE on <i>25.06.18</i>	
[e]	No. & Type of Container		Plastic Bottle	
[f]	Items required to be tested		As per request	
[g]	Whether any specific Method of Test has been suggested by the party		No	
[h]	Date of receiving the sample		<i>25.06.18</i>	
S. N.	Parameters	Method of Test	Limit (mg/l.) as per E(P) Rules Sch. VI	Result(in mg/l.) except pH, Colour
1	Colour	IS 3025 (Part-4)	Not Specified	Colourless
2	pH	IS 3025 (Part-11)	5.5 to 9.0	6.68
3	Suspended Solids	IS 3025(Part-15)	100.00	57.0
4	Total Dissolved Solids	IS 3025 (Part-16)	Not Specified	542.0
5	Oil & Grease	IS 3025 (Part-39)	10.00	1.5
6	B.O.D.(3 days at 27°C)	IS 3025 (Part-44)	30.0	26.0
7	C.O.D.	APHA 5220 B	250.0	112.0
8	Sulphate as SO ₄	APHA (4500-E)	Not Specified	68.0
9	Chloride as Cl	IS 3025 (Part-32)	Not Specified	84.0
10	Dissolved Phosphate as P	APHA (4500-P-D)	5.00	1.9
11	Ammonical Nitrogen as N	IS 3025 (Part-34)	50.00	21.0
12	Total Kjeldahl Nitrogen as N	APHA (4500 N org)	100.00	45.0



[Signature]
04/07/18
Authorized Signatory
Quality Manager / Dy. Quality Manager

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SHIVA TEST HOUSE

Tel. : 0612 - 2247538 / 2240752 ; TeleFax : 0612 - 2590705
E.mail.: sthpatna1@yahoo.co.in



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TEST REPORT

Ref. No. *G/TR/18-19/285(c)* Dt : *04.07.2018* Your Work Order No. *NIL* Dt : *20.06.2018*

[a] Name and address of the Customer	M/s Balajee Mini Steels & Re-rolling Pvt. Ltd. Mahadeopur ; Phulari Bihta PATNA
[b] Report to be submitted to	<i>Director</i>
[c] Details of Sample	<i>Ambient Air Quality Monitoring</i>
[d] Sample Collected by	SHIVA TEST HOUSE on <i>25/26.06.18</i>
[e] No. & Type of Container	Filter Paper ; Glass Impinger
[f] Items required to be tested	As per contract
[g] Whether any specific Method of Test has been suggested by the party	No
[h] Date of receiving the sample	<i>26.06.18</i>

Parameters	Method of Test	Sampling Station				NAAQS Standards 2009 ($\mu\text{g} / \text{m}^3$)
		Near Main gate	Near Weigh Bridge	Near Office	Near Rolling Mill	
1. Particulate Matter (PM ₁₀), $\mu\text{g} / \text{m}^3$	IS 5182 (Part-23)	69.1	63.4	60.2	55.0	100 $\mu\text{g} / \text{m}^3$
2. Particulate Matter (PM _{2.5}), $\mu\text{g} / \text{m}^3$	CPCB NAAQS Guideline Vol. I	41.3	37.9	35.9	32.8	60 $\mu\text{g} / \text{m}^3$
3. Sulphur Dioxide as SO ₂ , $\mu\text{g} / \text{m}^3$	IS 5182 (Part-2)	15.9	11.9	13.8	8.8	80 $\mu\text{g} / \text{m}^3$
4. Nitrogen Dioxide as NO ₂ , $\mu\text{g} / \text{m}^3$	IS 5182 (Part-6)	28.9	23.1	26.1	20.6	80 $\mu\text{g} / \text{m}^3$
5. Carbon Monoxide (CO), mg / m^3	IS 5182 (Part-10)	0.92	0.59	0.22	0.48	4 mg / m^3
6. Lead (Pb), $\mu\text{g} / \text{m}^3$	IS 5182 (Part-22)	BDL	BDL	BDL	BDL	1 $\mu\text{g} / \text{m}^3$
7. Ammonia as NH ₃ , $\mu\text{g} / \text{m}^3$	IS 5182 (Part-5)	NIL	NIL	NIL	NIL	400 $\mu\text{g} / \text{m}^3$
8. Ozone (O ₃), $\mu\text{g} / \text{m}^3$	IS 5182 (Part-9)	13.4	9.8	11.8	6.4	180 $\mu\text{g} / \text{m}^3$
9. Benzene (C ₆ H ₆), $\mu\text{g} / \text{m}^3$	IS 5182 (Part-11)	BDL	BDL	BDL	BDL	5 $\mu\text{g} / \text{m}^3$
10. Benzo(a) Pyrene, ng / m^3	IS 5182 (Part-12)	BDL	BDL	BDL	BDL	1 ng / m^3
11. Arsenic (As), ng / m^3	CPCB NAAQS Guideline Vol. I	BDL	BDL	BDL	BDL	6 ng / m^3
12. Nickel (Ni), ng / m^3	CPCB NAAQS Guideline Vol. I	BDL	BDL	BDL	BDL	20 ng / m^3

BDL : Below Detectable Limit < 0.01 ($\mu\text{g} / \text{m}^3$)

[Signature]
04/07/18
Authorized Signatory
Quality Manager / Dy. Quality Manager

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Regd. Office :
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Gardanibagh
PATNA - 800 001 (Bihar)



LABORATORY ADDRESS :-
01st FLOOR, RAJHANS NIKETAN,
NEAR CANAL, RUKUNPURA,
BAILEY ROAD,
PATNA - 800 014 (BIHAR)

SHIVA TEST HOUSE

Tel. : 0612 - 2247538 / 2240752 ; TeleFax : 0612 - 2590705
E.mail.: sthpatna1@yahoo.co.in

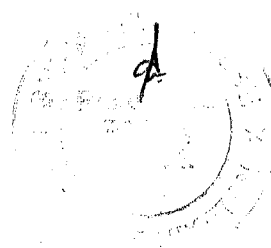


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TEST REPORT

Ref. No. <i>G/TR/18-19/285(d)</i> Dt : <i>04.07.2018</i> Your Work Order No. <i>NIL</i> Dt : <i>20.06.2018</i>			
[a] Name and address of the Customer	M/s Balajee Mini Steels & Re-rolling Pvt. Ltd. Mahadeopur ; Phulari Bihta PATNA		
[b] Report to be submitted to	<i>Director</i>		
[c] Details of Sample	<i>Monitoring of Fugitive Emission in Work Zone Area</i>		
[d] Sample Collected by	SHIVA TEST HOUSE on <i>25/26.06.18</i>		
[e] No. & Type of Container	Filter Paper ; Glass Impinger		
[f] Items required to be tested	As per contract		
[g] Whether any specific Method of Test has been suggested by the party	No		
[h] Date of receiving the sample	<i>26.06.18</i>		
S. N.	Concentration of Particulate Matter	Limit as per E(P) Rules Schedule 1	
	Sampling Point		($\mu\text{g}/\text{M}^3$)
1	10 M. away from Raw Material Storage Area	510.0	2000
2	10 M. away from Coal Handling Area	1044.0	
3	10 M. away from Rolling Mill Area	876.0	
4	10 M. away from Weigh Bridge	688.0	
5	10 M. away from Coolant tank	346.0	



[Signature]
04/07/18
Authorized Signatory
Quality Manager / Dy. Quality Manager

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Tel. : 0612 - 2247538 / 2240752 ; TeleFax : 0612 - 2590705
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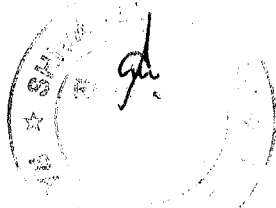


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TEST REPORT

Ref. No. <i>G/TR/18-19/285(e)</i> Dt : <i>04.07.2018</i> Your Work Order No. <i>NIL</i> Dt : <i>20.06.2018</i>	
[a] Name and address of the Customer	<i>M/s Balajee Mini Steels & Re-rolling Pvt. Ltd. Mahadeopur ; Phulari Bihta PATNA</i>
[b] Report to be submitted to	<i>Director</i>
[c] Details of Sample	<i>Monitoring of Ambient Noise Level within factory premises</i>
[d] Monitored by	<i>SHIVA TEST HOUSE on 25.06.18</i>
[f] Whether any specific Method of Test has been suggested by the party	<i>No</i>
Sampling Location	Time Weighted Average (TWA) of Noise Level in dB(A) [12 hrs.]
1. Near Main Gate	70.8
2. Near Office	58.2
3. Near Weigh Bridge	67.4
4. Near Furnace	71.2
5. Near Coolant Tank	62.1
6. Near Canteen	61.7
N.B.:	<i>The Ambient Air Quality Standards in respect of Noise as per Noise Pollution (Regulation and Control) Rules 2000 for Industrial area is 75.0 dB(A), for Commercial area is 65.0 dB(A), for Residential area is 55.0 dB(A) & for Silence Zone is 50.0 dB(A) in daytime i.e. 6.00 am to 9.0 p.m. As per Rule 7(1&2) the authority shall take action against violator if the noise level exceed the ambient noise standards by 10 dB(A) or more against any area/zone.</i>



[Signature]
04/07/18
Authorized Signatory
Quality Manager / Dy. Quality Manager

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Head Office :
122 C, Aastha
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PATNA-800 013 (Bihar)



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NEAR CANAL, RUKUNPURA,
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PATNA - 800 014 (BIHAR)

SHIVA TEST HOUSE

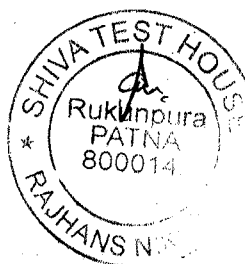
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E.mail. : sthpata1@yahoo.co.in



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TEST REPORT

Ref. No. <i>G/TR/18-19/500(a)</i>		Dt : <i>21.09.2018</i>		Your Work Order No. <i>NIL</i>		Dt : <i>02.09.2018</i>	
[a]	Name and address of the Customer		M/s Balajee Mini Steels & Re-rolling Pvt. Ltd. Mahadeopur ; Phulari Bihta PATNA				
[b]	Report to be submitted to		Director				
[c]	Details of Sample		Effluent Sample collected from final discharge point (Domestic Waste)				
[d]	Sample Collected by		SHIVA TEST HOUSE on 11.09.18				
[e]	No. & Type of Container		Plastic Bottle				
[f]	Items required to be tested		As per request				
[g]	Whether any specific Method of Test has been suggested by the party		No				
[h]	Date of receiving the sample		11.09.18				
S. N.	Parameters	Method of Test	Limit (mg/l.) as per E(P) Rules Sch. VI	Result(in mg/l.) except pH, Colour			
1	Colour	IS 3025 (Part-4)	Not Specified	Colourless			
2	pH	IS 3025 (Part-11)	5.5 to 9.0	6.57			
3	Suspended Solids	IS 3025(Part-15)	100.00	70.0			
4	Total Dissolved Solids	IS 3025 (Part-16)	Not Specified	618.0			
5	Oil & Grease	IS 3025 (Part-39)	10.00	1.9			
6	B.O.D.(3 days at 27°C)	IS 3025 (Part-44)	30.0	20.0			
7	C.O.D.	APHA 5220 B	250.0	96.0			
8	Sulphate as SO ₄	APHA (4500-E)	Not Specified	56.0			
9	Chloride as Cl	IS 3025 (Part-32)	Not Specified	78.0			
10	Dissolved Phosphate as P	APHA (4500-P-D)	5.00	2.1			
11	Ammonical Nitrogen as N	IS 3025 (Part-34)	50.00	15.0			
12	Total Kjeldahl Nitrogen as N	APHA (4500 N org)	100.00	27.0			



[Signature]
21/09/18
Authorized Signatory
Quality Manager / Dy. Quality Manager

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SHIVA TEST HOUSE

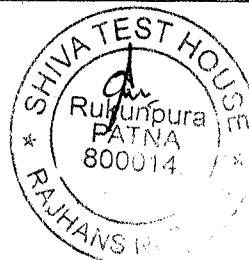
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TEST REPORT

Ref. No. <i>G/TR/18-19/500(b)</i> Dt : <i>21.09.2018</i> Your Work Order No. <i>NIL</i> Dt : <i>02.09.2018</i>						
[a] Name and address of the Customer	M/s Balajee Mini Steels & Re-rolling Pvt. Ltd. Mahadeopur ; Phulari Bihta PATNA					
[b] Report to be submitted to	<i>Director</i>					
[c] Details of Sample	<i>Ambient Air Quality Monitoring</i>					
[d] Sample Collected by	SHIVA TEST HOUSE on <i>11.09.18</i>					
[e] No. & Type of Container	Filter Paper ; Glass Impinger					
[f] Items required to be tested	As per contract					
[g] Whether any specific Method of Test has been suggested by the party	No					
[h] Date of receiving the sample	<i>12.09.18</i>					
Parameters	Method of Test	Sampling Station				NAAQS Standards 2009 ($\mu\text{g} / \text{m}^3$)
		Near Main gate	Near Weigh Bridge	Near Office	Near Rolling Mill	
1. Particulate Matter (PM ₁₀), $\mu\text{g} / \text{m}^3$	IS 5182 (Part-23)	74.0	67.8	64.4	58.9	100 $\mu\text{g} / \text{m}^3$
2. Particulate Matter (PM _{2.5}), $\mu\text{g} / \text{m}^3$	CPCB NAAQS Guideline Vol. I	44.2	40.5	38.4	35.1	60 $\mu\text{g} / \text{m}^3$
3. Sulphur Dioxide as SO ₂ , $\mu\text{g} / \text{m}^3$	IS 5182 (Part-2)	17.0	12.8	14.8	9.5	80 $\mu\text{g} / \text{m}^3$
4. Nitrogen Dioxide as NO ₂ , $\mu\text{g} / \text{m}^3$	IS 5182 (Part-6)	31.0	24.8	27.9	22.1	80 $\mu\text{g} / \text{m}^3$
5. Carbon Monoxide (CO), mg / m^3	IS 5182 (Part-10)	0.71	0.43	0.18	0.56	4 mg / m^3
6. Lead (Pb), $\mu\text{g} / \text{m}^3$	IS 5182 (Part-22)	BDL	BDL	BDL	BDL	1 $\mu\text{g} / \text{m}^3$
7. Ammonia as NH ₃ , $\mu\text{g} / \text{m}^3$	IS 5182 (Part-5)	9.4	6.1	<5.0	7.9	400 $\mu\text{g} / \text{m}^3$
8. Ozone (O ₃), $\mu\text{g} / \text{m}^3$	IS 5182 (Part-9)	16.9	11.4	13.2	10.3	180 $\mu\text{g} / \text{m}^3$
9. Benzene (C ₆ H ₆), $\mu\text{g} / \text{m}^3$	IS 5182 (Part-11)	BDL	BDL	BDL	BDL	5 $\mu\text{g} / \text{m}^3$
10. Benzo(a) Pyrene, ng / m^3	IS 5182 (Part-12)	BDL	BDL	BDL	BDL	1 ng / m^3
11. Arsenic (As), ng / m^3	CPCB NAAQS Guideline Vol. I	BDL	BDL	BDL	BDL	6 ng / m^3
12. Nickel (Ni), ng / m^3	CPCB NAAQS Guideline Vol. I	BDL	BDL	BDL	BDL	20 ng / m^3
BDL : Below Detectable Limit < 0.01 ($\mu\text{g} / \text{m}^3$)						



[Signature]
21/09/18
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Quality Manager / Dy. Quality Manager

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SHIVA TEST HOUSE

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TEST REPORT

Ref. No. <i>G/TR/18-19/500(d)</i> Dt : <i>21.09.2018</i> Your Work Order No. <i>NIL</i> Dt : <i>02.09.2018</i>	
[a] Name and address of the Customer	M/s Balajee Mini Steels & Re-rolling Pvt. Ltd. Mahadeopur ; Phulari Bihta PATNA
[b] Report to be submitted to	<i>Director</i>
[c] Details of Sample	<i>Monitoring of Ambient Noise Level within factory premises</i>
[d] Monitored by	SHIVA TEST HOUSE on <i>11.09.18</i>
[f] Whether any specific Method of Test has been suggested by the party	No
Sampling Location	Time Weighted Average (TWA) of Noise Level in dB(A) [12 hrs.]
1. Near Main Gate	71.3
2. Near Office	62.4
3. Near Weigh Bridge	68.9
4. Near Rolling Mill Furnace	70.1
5. Near Coolant Tank	64.2
6. Near Canteen	63.9
N.B.:	<i>The Ambient Air Quality Standards in respect of Noise as per Noise Pollution (Regulation and Control) Rules 2000 for Industrial area is 75.0 dB(A), for Commercial area is 65.0 dB(A), for Residential area is 55.0 dB(A) & for Silence Zone is 50.0 dB(A) in daytime i.e. 6.00 am to 9.0 p.m. As per Rule 7(1&2) the authority shall take action against violator if the noise level exceed the ambient noise standards by 10 dB(A) or more against any area/zone.</i>



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Quality Manager / Dy. Quality Manager

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TEST REPORT

Ref. No. <i>G/TR/18-19/500(c)</i> Dt : <i>21.09.2018</i> Your Work Order No. <i>NIL</i> Dt : <i>02.09.2018</i>			
[a] Name and address of the Customer	M/s Balajee Mini Steels & Re-rolling Pvt. Ltd. Mahadeopur ; Phulari Bihta PATNA		
[b] Report to be submitted to	<i>Director</i>		
[c] Details of Sample	<i>Monitoring of Fugitive Emission in Work Zone Area</i>		
[d] Sample Collected by	SHIVA TEST HOUSE on <i>11.09.18</i>		
[e] No. & Type of Container	Filter Paper ; Glass Impinger		
[f] Items required to be tested	As per contract		
[g] Whether any specific Method of Test has been suggested by the party	No		
[h] Date of receiving the sample	<i>12.09.18</i>		
S. N.	Sampling Point	Concentration of Particulate Matter	Limit as per E(P) Rules Schedule 1
		(µg/M ³)	
1	10 M. away from Raw Material Storage Area	778.0	2000
2	10 M. away from Coal Handling Area	1152.0	
3	10 M. away from Rolling Mill Area	1040.0	
4	10 M. away from Weigh Bridge	876.0	
5	10 M. away from Coolant tank	552.0	



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Quality Manager / Dy. Quality Manager

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