



Danish Envis &lt;danish1017@gmail.com&gt;

**SUBMISSION OF SIX-MONTHLY POST ENVIRONMENTAL CLEARANCE COMPLIANCE FOR APRIL TO SEPTEMBER 2022. FOR M/S. BHAGYALAXMI ROLLING MILL PVT. LTD. PLOT NO. G-8, ADDITIONAL MIDC PHASE II, JALNA.**

Vidyadhar Muley &lt;vv.muley@polaadbars.com&gt;

Wed, Nov 23, 2022 at 1:58 PM

To: eccompliance-mh@gov.in, psec.env@maharashtra.gov.in, srojalna@mpcb.gov.in, Danish Khan &lt;danish1017@gmail.com&gt;

**To,**  
**The Regional Officer,**

Ministry of Environment, Forest & Climate Change,  
Regional Office (WCZ), Ground Floor, East Wing,  
New Secretariat Building, Civil Lines,  
Nagpur, Maharashtra - 440001

**Subject: Submission of Six Monthly Environmental Clearance Compliance for April to September 2022. M/s. Bhagyalaxmi Rolling Mill Pvt. Ltd. Plot No. G-8, Additional MIDC Phase II, Jalna.**

Ref. No.: Your issued EC: SEAC-2014/CR 32/TC-2 Dated: 30<sup>th</sup>Sep 2014

**Period of EC Compliance: April to September 2022**

Dear Sir,

With reference to subject matter above, we are submitting Compliance for obtained Environmental Clearance from State Environment Impact Assessment Authority (SEIAA), Maharashtra to our Project

**M/s. Bhagyalaxmi Rolling Mill Pvt. Ltd. Plot No. G-8, Additional MIDC Phase II, Jalna.** We have received Environmental Clearance from SEIAA, Govt. of Maharashtra, MoEF & CC, New Delhi.

vide ref. no.: **SEAC-2014/CR 32/TC-2 Dated: 30<sup>th</sup> Sep 2014.** We are submitting the EC Compliance for the period of **April to September 2022** for your reference & further needful record.

Request you to kindly acknowledge the same.

Submitted for your kind perusal.

Yours Faithfully,

**For Bhagyalaxmi Rolling Mill Pvt. Ltd. Plot No. G-8**

**Mr. V. V. Muley**  
**Manager**

Enclosure: EC Compliance with its Annexure

Copy to:

1. The Sub Regional Officer, MPCB, Jalna.
2. SEIAA, Mumbai, Maharashtra.

 **POST EC SIX MONTHLY COMPLIANCE SUBMISSION OF MS BHAGYALAXMI ROLLING MILL PVT LTD PLOT NO - G-8 MIDC JALNA.pdf**  
11600K

Date: 09/11/2022

To,

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For Bhagyalaxmi Rolling Mill Pvt. Ltd.

  
**Mr. V. V. Muley**

**Manager**

Enclosure: EC Compliance with its Annexure

Copy to:

1. The Sub Regional Officer, MPCB, Jalna.
2. SEIAA, Mumbai, Maharashtra.

**Bhagyalaxmi Rolling Mill Pvt. Ltd.**

**Works Address:** Plot No. G-7, G-8, G-9, G-10/1, G-10/2, Addi. MIDC Phase-II & Gut No.30, 35, Village Daregaon Jalna - 431 213. Maharashtra, Bharat.

**Regd. Off.:** Flat No. 602, Building No. 5A/B, Versova Heights Co-operatives Housing Society Limited, New Mhada Colony, Near Lokhandwala Circle, Veera Desai Road, Behind Indralok, Andheri (W), Mumbai - 400053

**E-mail:** mktg@polaad.in **Website:** www.polaad.in **CIN No.:** U27100MH2004PTC148074/DT. 18.08.2004

## **Environmental Clearance Compliance Statement**

**Project Name: Proposed Proposed Production of MS Billet Capacity 750 MTD at Plot  
No.: G-8, Village: Daregaon, Tah. & Dist.: Jalna, Maharashtra by  
M/s. Bhagyalaxmi Metals Pvt. Ltd.**

**Category of the Project: Ferrous & Non-Ferrous B1**

**Ref. No.: SEAC-2014 CR 32/TC-2 Dated: 30<sup>th</sup> September 2014**

**EC Compliance Period: April to September 2022**

<b>S. N.</b>	<b>Conditions</b>	<b>Compliance</b>
i.	No additional land shall be used /acquired for any activity of the project without obtaining proper permission.	Noted and will be complied. No extra land needed a for any activity of the project and project activity is being done on existing land only. However, if any such plan will be made proper permission will be obtained.
ii.	This environmental clearance is issued subject obtaining NOC from forestry & wild life angle including clearance from the standing committee of the National Board for Wild life as if applicable & this environment clearance does not necessarily implies that forestry & wild life clearance granted to the project which will be considered separately on merit.	Noted & agreed. However, project site is in notified industrial area and it does not involve NOC from forestry & wild life angle including clearance from the standing committee of the National Board for Wild life.
iii.	For controlling fugitive natural dust, Regular sprinkling of water & wind shields at appropriate distances in vulnerable areas of the plant shall be ensured.	Noted and being complied. To minimize fugitive emissions, regular sprinkling of water is done on internal factory roads and approach road of the factory premises. Greenbelt is developed all along the boundary of project site to arrest the disperse dust due to the project activity. Network of RCC roads were developed inside the factory premises to avoid dust

		due to the movement of transporting vehicles. To achieve MPCB standards, dust controllers and collection systems, de-dusting systems and dust suppression systems such as water spraying are provided.
iv.	PP has to abide by the conditions stipulated by SEAC & SEIAA.	Noted and agreed.
v.	Regular monitoring of the air quality, including SPM & SO <sub>2</sub> levels both in work zone and ambient air shall be carried out in and around the power plant and records Shall be maintained. The location of monitoring stations and frequency of monitoring shall be decided in Consultation with Maharashtra Pollution Control Board (MPCB) & submit report Accordingly to MPCB.	Noted and being complied. We are doing regular monitoring of the air quality for the parameters PM <sub>10</sub> , PM <sub>2.5</sub> , SO <sub>2</sub> & NO <sub>x</sub> levels both in work zone and ambient air is carried out around the project site in 10 km vicinity. Monitoring results obtained are well within the prescribed limit of MoEF&CC. Monitoring results are being submitting regularly with EC Compliance report to MoEF&CC & concerned Sub Regional Office of the MPCB. Workplace and ambient air quality monitoring reports are attached as an <b>Annexure - I</b>
vi.	Necessary arrangement shall be made for adequate safety and ventilation Arrangement in furnace area.	Noted and being complied. We are taking all possible safety measures to limit the risk zone within the plant boundary. At the furnace area and office premises, a complete firefighting system with fire extinguisher was installed. Proper ventilation is provided in the furnace area to avoid any accumulation of air.
vii.	Proper housekeeping programs shall be Implemented.	Noted and being complied. Housekeeping team is in placed at the project site to maintain neat and clean environment within the project site.

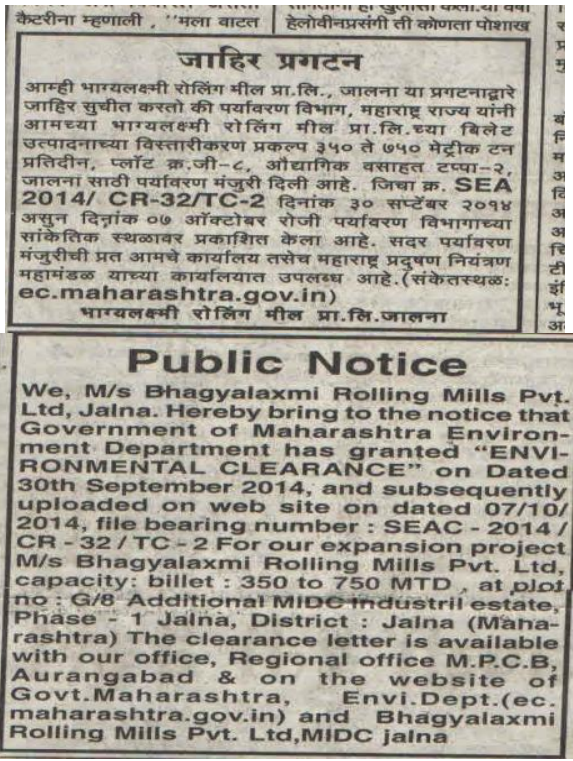


viii.	In the event of the failure of any pollution Control system adopted by the unit, the unit shall be immediately put out of operation and shall not be restarted until the desired efficiency has been achieved.	Noted and will be complied. Whenever this kind of incident will occur, surely, we will stop the activities.
ix.	Stack of adequate height based on DG set Capacity shall be provided for control and dispersion of pollutant from DG set. (If Applicable).	Complied. We have provided the adequate stack height with enclosure to DG set for control and dispersion of pollutant.
x.	A detailed scheme for rainwater Harvesting shall be prepared and Implemented to Recharge ground water.	Noted and being complied. We have provided the Rainwater harvesting system for recharge of ground water and storm water drain are provided to channelize the different areas rainwater into a reservoir. Reservoir storage capacity is good enough to store entire monsoon rainwater into it. Stored rainwater is being used for plant operational activities which reduces fresh water requirement of the plant.
xi.	Arrangement shall be made that effluent and storm water does not get mixed.	Complied. Separate storm water and domestic water drains are constructed so there is no possibility of mixing of both together. In present plant activities, there is no other generation of effluent except domestic water.
xii.	Noise level shall be maintained as per standards. For example working in the high noise area, requisite personal protective equipment like earplugs etc. shall be provided.	Being complied. We are maintaining the noise level as per the applicable standards. The workers were given the necessary personal safety equipment such as ear plugs and ear muffs. Regular noise monitoring level is being carried out in and around the project site. Noise quality samples analysis reports are attached as an <b>Annexure – I</b>

xiii.	The overall noise levels in and around the plant shall be kept well within the standards by providing noise control measures including acoustic hoods, silencers, enclosures, etc, on all sources of noise generation. The ambient noise levels shall confirm to the standards prescribed under Environment (Protection) Act, 1986 Rules, 1989.	Being complied. The overall noise levels in and around the plant are keeping well within the prescribed standards by providing noise control measures including acoustic hoods, silencers, enclosures, etc. on all sources of noise generation. D.G set is equipped with an acoustic encloser. To reduce friction, we are carrying out regular oiling, greasing and servicing of the machines. The obtained noise levels are well within the prescribed limit. Obtained noise level monitoring reports are attached as an <b>Annexure - I</b>
xiv.	Green belt shall be developed and Maintained around the plant periphery. Green belt development shall be carried out considering CPCB guidelines including selection of plant species and in consultation with the local DFO/Agriculture dept.	Being complied. We have followed the Meyawaki dense forest concept of plantation in the 34.138% (4.029 Ha.) of total land in which we have planted more than 5835 Nos. of native and indigenous trees such as Banyan, Peepal, Neem, Jamun and other suitable trees as per the Forest Department, Govt. of Maharashtra circular no. SaVaVi-2019/C.R.3/F-11, dated 25th June, 2019.
xv.	Adequate safety measures shall be Provided to limit the risk zone within the plant boundary in case an accident smoke and heat detection devices shall also be installed at strategic places for early detection and warning.	Being complied. We are taking all possible safety measures to limit the risk zone within the plant boundary. At the furnace and office premises, a complete firefighting system with fire extinguisher was installed.
xvi.	Occupational health surveillance of the Workers shall be done on a regular basis and record maintained as per factories act.	Being Complied. In order to ensure the best possible hygienic conditions inside the plant area, adequate health-related measures and a department for safety and the environment that is well-equipped are set up to ensure a smooth and healthy atmosphere, regular health checkups

		of the worker being carried out.
xvii.	The company shall make the arrangement for protection of possible fire hazards during manufacturing process in material handling.	Complied. Fire hydrants and firefighting equipment have been installed for the protection of potential fire hazards during manufacturing and material handling and we are regularly conducting safety training for workers to keep them updated about the available protection systems.
xviii.	The project authorities must strictly Comply with the rules and regulations with regard to handling and disposal of hazardous wastes in accordance with the hazardous waste (management and handling) rules 2003 (amended). Authorization from the MPCB shall be obtained for collection/ treatment/ storage/ disposal of hazardous wastes.	Complied. Our industry manufacturing process does not involve any kind of HW generation, handling and disposal activities.
xix.	The company shall undertake following waste minimization measures:	
•	Metering of quantities of active Ingredients to minimize or as raw material substitute in other process.	The "Shear Baler" machine was brought from Italy to raise the standardization of the Scraps and cut into regular and standard pieces. The whole scrap arriving at the yard is first dust sorted according to its type before being transported to the charging zone of the shearing machine. This "Shear Baler" machine is then charged with a stationary crane equipped with a grabber assembly.
•	Maximizing recoveries.	Noted and being complied.

•	Use of automated material transfer system to minimize spillage.	Noted and being complied. The scrap is moved by a magnet that is operated by an automatic system that a person controls and the scrap is then charged into the furnace directly.
•	Regular mock drills for the on-site Emergency management plan shall be carried out. Implementation of changes/improvement required if any in the on-site management plan shall be ensured.	Being complied. Mock drills and safety training are held on a regular basis as a part of on-site emergency management plan. First Aid facilities are made available at the project site in case of any emergency.
xx.	A separate environment management cell With qualified staff shall be set up for implementation of the stipulated environmental safeguards.	Complied. Qualified staff with the relevant field has been appointed with the structure of 3 person's team, including EHS Manager, Safety Officer and Environment Officer. We have developed a full-fledged environment management cell to take care of all environmental and safety related issues.
xxi.	Transportation of ash will be through Closed containers and all measures should be taken to prevent spilling of the ash.	Noted and being complied.
xxii.	Separate funds shall be allocated for implementation of environmental protection measures/ EMP along with item-wise breaks-up. These cost shall be included as part of the project cost.	Being Complied. Separate funds were allocated for implementation of environmental protection measures/ EMP along with item-wise breaks-up.
xxiii	The fund earmarked for the environment protection measures shall not be diverted for other purposes and year wise expenditure should be reported to the MPCB and this department.	Being Complied. We have earmarked the separate fund for environmental protection measures and we assured you that it will not use or diverted for any other work, and year-wise expenditure submitted to the MPCB and MoEF&CC department.

xxv	<p>The project proponent shall advertise at least in two local newspaper widely circulated in the region around the project, one of which shall be in the Marathi language of the local concerned within seven days of issue of the Environmental Clearance and copies of clearance letter are available with the Maharashtra Pollution Control Board and may be seen at website.</p>	<p>Complied.</p> <p>The advertisement was published in both English and Marathi in two extensively circulated local newspapers in the area.</p> 
xxvi	<p>Project management should submit half yearly compliance reports in respect of the stipulated prior environment clearance terms and conditions in hard &amp; soft copies to the MPCB and this department on 1<sup>st</sup> December of the each calendar year</p>	<p>Being Complied.</p> <p>Six monthly compliance report in respect of the stipulated prior environment clearance terms and conditions being submitted by us regularly on time and soft copy mailed to MoEF&amp;CC Regional Office, and hard copy to MPCB.</p>
Xxvii	<p>A copy of the clearance letter shall be sent by proponent to the concerned municipal corporation 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 website of the company by the proponent.</p>	<p>Complied.</p> <p>The copy of the clearance letter sent to the concerned local body/ municipal council/ corporation also uploaded on the website of the company.</p>

xxviii	<p>The proponent shall upload the status of compliance of the stipulated EC 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 MoEF the respective Zonal Office of CPCB and SPCB. The criteria pollutant levels namely SPM, RSPM, SO<sub>2</sub>, NO<sub>x</sub> (ambient levels as well as stack emissions) or critical sectorial parameters, indicated for the project shall be monitored and displayed at a convenient location near the main gate of the company in the public domain.</p>	<p>Noted.</p> <p>We are submitting the six monthly compliance report in respect of EC conditions along with monitoring reports, to the respective MoEF&amp;CC Regional Office and MPCB office by soft and hard copies, and uploading the same on the industry website. The criteria of the pollutant levels PM<sub>10</sub>, PM<sub>2.5</sub>, SO<sub>2</sub> &amp; NO<sub>x</sub> are displayed on the LED based Board near to the main gate of the industry. Monitoring results obtained are well within the prescribed limit of MoEF&amp;CC. Monitoring results are being submitting regularly with EC Compliance report to MoEF&amp;CC &amp; concerned Sub Regional Office of the MPCB. Workplace and ambient air quality monitoring reports are attached as an <b>Annexure - I</b></p>
xxix	<p>A complete set of all the documents submitted to Department should be forwarded to the local authority and MPCB.</p>	<p>Noted and being complied.</p>
Xxx	<p>The environmental clearance is being issued without prejudice to the court case pending in the court of law in the past and whatever decision of the Hon'ble court will be binding on the project proponent hence this clearance does not give immunity to the project proponent in the case filed against him.</p>	<p>Noted and agreed.</p>
Xxxi	<p>The environmental clearance is being issued without prejudice to the action initiated under EP Act or any court case pending in the court of law and it does not mean that project proponent has not violated any environmental laws in the past and whatever decision under EP Act or of</p>	<p>Noted and agreed.</p>

	the Hon'ble court will be binding on the project proponent hence this clearance does not give immunity to the project proponent in the case filed against him if any or action initiated under EP act.	
Xxxii	The environment department reserves the right to revoke the clearance if conditions stipulated are not implemented to the satisfaction of the department or for that matter, for any other administrative reason.	Noted and agreed.
Xxxiii	Validity of environment clearance: the environmental clearance accorded shall be valid for a period of 5 years to start of production operations.	Noted and agreed.
xxxiv	In case of any deviation or alteration in the project proposed from those submitted to this department for clearance a fresh reference should be made to the department to assess the adequacy of the conditions imposed and to incorporate additional environmental protection measures required if any.	Noted and agreed.
xxxv	The above stipulations would be enforced among others under the water (prevention and Control of Pollution) Act 1974 the air (Prevention and Control of Pollution) Act 1981 the environment (Protection) Act 1986 and rules there under Hazardous Wastes (Management and Handling) Rules, 1989 and its amendments the public liability insurance Act 1991 and its amendments.	Noted and agreed.
xxxvi	Any Appeal against this environmental clearance shall lie with the National Green Tribunal (Western zone Bench Pune) if preferred within 30 days as prescribed under	Noted and agreed.



	section 16 of the National Green Tribunal Act 2010	
xxxvii	This Environment Clearance is issued for proposed expansion of 350 to 750 MTD-Plot No G-8 Additional MIDC area, Jalna by M/s. Bhagyalaxmi Rolling Mill Pvt. Ltd.	Noted and agreed.

Thanking you,

**For Bhagyalaxmi Metals Private Limited**  
**(Mr. Nitin Kabra)**  
**Authorized Signatory**

Date: 07/11/2022

Place: Gut No. 30, Daregaon, Tah. & Dist.: Jalna

## **Government of Maharashtra**

SEAC-2014.CR 32 / TC-2  
Environment department  
Room No. 217, 2<sup>nd</sup> floor,  
Mantralaya Annex,  
Mumbai- 400 032.  
Dated: 30<sup>th</sup> September, 2014

To,  
M/s. Bhagyalaxmi Rolling Mill Pvt. Ltd  
Plot No. C-8, Additional MIDC Area,  
Jalna

**Subject: Environment clearance for proposed expansion of 350 to 750 MTD-Plot No. G-8, Additional MIDC area, Jalna by M/s.Bhagyalaxmi Rolling Mill Pvt. Ltd.**

Sir,

This has reference to your communication on the above mentioned subject. The proposal was considered as per the EIA Notification, 2006, by the State Level Expert Appraisal Committee-I, Maharashtra in its 79<sup>th</sup> meeting and decided to recommend the project for prior environmental clearance to SEIAA. Information submitted by you has been considered by State Level Environment Impact Assessment Authority in its 73<sup>rd</sup> meeting.

It is noted that the proposal is for grant of Environment Clearance for proposed expansion of 350 to 750 MTD-Plot No. G-8, Additional MIDC area, Jalna. SEAC-I considered the project under screening category 3(a), B1 of EIA Notification 2006.

**Brief Information of the project submitted by Project Proponent is as:**

Name of the Project	Expansion of billet manufacturing facilities of Bhagyalaxmi Rolling Mills Pvt.Ltd., Jalna
Project Proponent	Name: M/s Bhagyalaxmi Rolling Mills Pvt.Ltd.Plot No: G-8, Additional MIDC Area, Jalna-431203
Consultant	Pollution & Ecology Control Services
Accreditation of consultant ( NABET Accreditation)	Yes Accredited vide letter no. NABET/EIA/02/12/47 dated 27/02/2012.
New Project / Expansion in existing project / Modernization / Diversification in existing project	Expansion
If expansion/ Diversification, whether environmental clearance has been obtained for existing project (If yes,	Expansion, The existing unit was installed prior to EIA notification 2006

enclose a copy with compliance table)					
Activity schedule in the EIA Notification	The project falls under the Category 'B' of the Schedule of EIA Notification, 2006. Item no. – 3(a)				
Area Details	Total plot Area (sq. m.): 18475 m <sup>2</sup> Built up Area (sq. m.): -				
Name of the Notified Industrial area / MIDC area	Additional MIDC Area, Jalna				
TOR given by SEAC? (if yes then specify the meeting)	Yes 59 <sup>th</sup> Meeting of the State Level Expert Appraisal Committee (SEAC)				
Estimated capital cost of the project: (including cost of land, building, plant and machinery separately)	Rs. 35 Crores				
Location details of the project:	1. Latitude - 19°51'37" N 2. Longitude - 75°51'00"E 3. Location- Additional MIDC Area, Jalna in Maharashtra 4. Elevation above Mean Sea Level (meters) – 534 m				
Distance from protected Areas /Critically Polluted areas/ Eco-sensitive areas/ inter-State boundaries	No critically polluted area, No National Parks/Wild life Sanctuary within 10 km radius.				
Raw materials (including process chemicals, catalysts, & additives).	List of raw materials to be used	Physical and chemical nature of raw material	Quantity (tonnes/month) full Production capacity	Source of materials	Means of transport (Source to storage site) with justification
	MS Scrap	Lumps	630 TPD	Local Market, Mumbai	Tarapaulin covered trucks.
	Sponge Iron	Lumps	158 TPD	Gujarat, Maharashtra and Chhattisgarh	-do-
Production details	Name of Products, By products and Intermediate Products	Existing (T/Year)	Proposed activity (new / modernization / expansion) (T/Year)	Total (T/Year)	
	Main Products	M.S. Billets (350 TPD)	M.S. Billets (400 TPD)	M S Billets – 750 TPD	
	By-Products	-			
	Intermediate Products		-		

Total Water Requirement	Total water requirement: <ul style="list-style-type: none"><li>Fresh water (CMD): 18 m<sup>3</sup>/day &amp; Source - MIDC</li><li>Recycled water (CMD):</li><li>Average annual Rain water storage : 8977.5 m<sup>3</sup> per annum</li><li>Rain water use (CMD): 30 m<sup>3</sup>/day</li></ul>				
	S.No.	Unit	Fresh Water Requirement (CMD)	Rain water use (CMD)	Waste water generation
	1	Domestic Use	3		2
	2	Cooling Purpose	7	30	
	3	Gardening	2		
	4	Scrubber	6		
		Total	18	30	2
	Use of the water : <ul style="list-style-type: none"><li>Process(CMD): m<sup>3</sup>/day</li><li>Cooling water(CMD): 37m<sup>3</sup>/day</li><li>DM Water (CMD): m<sup>3</sup>/day</li><li>Dust Suppression(CMD):</li><li>Drinking (CMD): 3m<sup>3</sup>/day</li><li>Green belt(CMD): 2m<sup>3</sup>/day treated water will be reused</li><li>Fire service(CMD):</li><li>Others (CMD): Scrubber : 6 m<sup>3</sup>/day</li></ul>				
	Storm water drainage	<ul style="list-style-type: none"><li>Natural water drainage pattern - Quantity of storm water</li><li>Size of SWD</li></ul>			
	Sewage generation and treatment	<ul style="list-style-type: none"><li>Amount of sewage generation (CMD) - 2 m<sup>3</sup>/day</li><li>Proposed treatment for the sewage – The domestic wastewater is being treated in septic tank followed by soak pits and discharged through sewerage network of MIDC.</li><li>Capacity of the STP (CMD) (If applicable) - NA</li></ul>			
Solid waste Management:	Sr. No	Source	Qty (TPM)	Form (Sludge/ Dry/Slurry etc.)	Composition
	1.	Raw water treatment plant	Nil		
	2	ETP	Nil		
	3.	Process	Existing quantity 9 MT/Day Proposed Quantity 23 MT/Day		Slag from Induction Furnace
	4.	Spent Catalyst	Nil		
	5.	Oily Sludge	Nil		
	6.	Others like Battery waste, e waste etc (Pl. Specify)	Nil		

	<p>If waste (s) contains any hazardous/toxic substance/radioactive materials or heavy metals, provide quantity, disposal data and proposed precautionary measures.</p> <ul style="list-style-type: none"><li>• What are the possibilities of recovery and recycling of wastes?</li><li>• Possible users of Solid waste – Since the solid waste generated from induction furnace is non hazardous in nature it can be use in hardening of working area, possibilities can be explore for its use in construction of internal village roads, and filling of stone quarry pits.</li><li>• Method of disposal of solid waste – Slag generated is crushed at site. Iron particles are separated by using magnetic separator. Crushed slag (Sand) is being used in brick manufacturing / Concrete Mixture.</li></ul>						
Stack Emission Details: (All the stacks attached to process units, Boilers, captive power plant, D.G. Sets, Incinerator both for existing and proposed activity). Please indicate the specific section to which the stack is attached. e.g. : Process section, D.G. Set, Boiler, Power Plant, incinerator etc. Emission rate (kg/hr.) for each pollutant (SPM, SO <sub>2</sub> , NO <sub>x</sub> etc.) should be specified	Plant Section & units	Stack No.	Height from ground level (m)	Internal Diameter (TOP) (m)	Emission Rate		Temp. of Exhaust Gases
					For SO <sub>2</sub>	For NO <sub>x</sub>	
	Stack attached to Induction Furnace	1 <sup>st</sup>	30 m	1.6m	-	4.13	50 <sup>0</sup> C
Emission Standard	Pollutants (SPM,SO <sub>2</sub> , etc)	Emission Standard Limit (mg/Nm <sup>3</sup> )			Proposed Limit (mg/Nm <sup>3</sup> )	MPCB Consent (mg/Nm <sup>3</sup> )	
	PM <sub>10</sub> , PM <sub>2.5</sub> , SO <sub>2</sub> , NO <sub>x</sub> , CO	PM <sub>10</sub> – 60 - 100 µg/m <sup>3</sup> , PM <sub>2.5</sub> – 40 - 60 µg/m <sup>3</sup> SO <sub>2</sub> - 40 - 80 µg/m <sup>3</sup> NO <sub>x</sub> – 50 - 80 µg/m <sup>3</sup> CO – 2.0 – 4.0 mg/m <sup>3</sup>			.		
Ambient Air Quality Data	Pollutant	Permissible Standard		Predicted Concentration (in µg/m <sup>3</sup> )		Remarks	
	SPM	PM <sub>10</sub> - 100 µg/m <sup>3</sup> , PM <sub>2.5</sub> – 60 µg/m <sup>3</sup>		PM <sub>10</sub> - 25.4 to 58.4µg/m <sup>3</sup>  PM <sub>2.5</sub> - 9.4 to 30.1µg/m <sup>3</sup>		All parameters will be within limits after commissioning of the plant.	
	SO <sub>2</sub>	80 µg/m <sup>3</sup>		SO <sub>2</sub> - 6.6 to 16.7µg/m <sup>3</sup>			
	NO <sub>x</sub>	80 µg/m <sup>3</sup>		NO <sub>x</sub> - 7.4 to 20.8µg/m <sup>3</sup> Project Site -			

			Predicted Conc. ( $\mu\text{g}/\text{m}^3$ ) – 0.75, Resultant Conc. ( $\mu\text{g}/\text{m}^3$ ) – 21.55	
	CO	4 $\text{mg}/\text{m}^3$	-	
Energy	Power supply: • Existing power requirement: 9000 KVA • Proposed power requirement: 10000 KVA			
Green Belt Development	• Green belt area (Sq. m.): 30% of total land			
Details of Pollution Control Systems:	Sr. No.		Existing pollution control system	Proposed to be installed
	i.	Air	Ventury Scrubbers followed by stack of 30mt height.	Ventury Scrubbers followed by stack of 30mt height.
	ii.	Water	Settling Tanks	Settling Tanks
	iii.	Noise	Ear muffs/ear plugs are provided to the workers, Acoustic laggings and silencers are provided in equipment	Ear muffs/ear plugs will be provided to the workers, Acoustic laggings and silencers will be provided in equipment
	iv)	Solid Waste	Slag Crusher	Slag Crusher
Environmental Management Plan Budgetary Allocation	• Capital cost (With break up): • O & M cost (With break up):			
			Recurring Cost per annum (Rs. Lakhs)	Capital cost (Rs. Lakhs)
	Air Pollution Control		10	75
	Water Pollution Control		1	5
	Environment Monitoring and Management		5	-
	Green Belt		2	5
	Solid waste management		5	70
	Others ( Pl. Specify)		6	-
	Environmental Cell			
29		155		

3. The proposal has been considered by SEIAA in its 73<sup>rd</sup> meeting & decided to accord environmental clearance to the said project under the provisions of Environment Impact Assessment Notification, 2006 subject to implementation of the following terms and conditions :

- (i) No additional land shall be used /acquired for any activity of the project without obtaining proper permission.

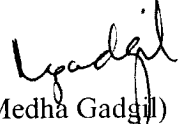
- (ii) This environmental clearance is issued subject to obtaining NOC from Forestry & Wild life angle including clearance from the standing committee of the National Board for Wild life as if applicable & this environment clearance does not necessarily implies that Forestry & Wild life clearance granted to the project which will be considered separately on merit.
- (iii) For controlling fugitive natural dust, regular sprinkling of water & wind shields at appropriate distances in vulnerable areas of the plant shall be ensured.
- (iv) PP has to abide by the conditions stipulated by SEAC & SEIAA.
- (v) Regular monitoring of the air quality, including SPM & SO<sub>2</sub> levels both in work zone and ambient air shall be carried out in and around the power plant and records shall be maintained. The location of monitoring stations and frequency of monitoring shall be decided in consultation with Maharashtra Pollution Control Board (MPCB) & submit report accordingly to MPCB.
- (vi) Necessary arrangement shall be made for adequate safety and ventilation arrangement in furnace area.
- (vii) Proper Housekeeping programs shall be implemented.
- (viii) In the event of the failure of any pollution control system adopted by the unit, the unit shall be immediately put out of operation and shall not be restarted until the desired efficiency has been achieved.
- (ix) Stack of adequate height based on DG set capacity shall be provided for control and dispersion of pollutant from DG set.(If applicable)
- (x) A detailed scheme for rainwater harvesting shall be prepared and implemented to recharge ground water.
- (xi) Arrangement shall be made that effluent and storm water does not get mixed.
- (xii) Noise level shall be maintained as per standards. For people working in the high noise area, requisite personal protective equipment like earplugs etc. shall be provided.
- (xiii) The overall noise levels in and around the plant shall be kept well within the standards by providing noise control measures including acoustic hoods, silencers, enclosures, etc. on all sources of noise generation. The ambient noise levels shall confirm to the standards prescribed under Environment (Protection) Act, 1986 Rules, 1989.
- (xiv) Green belt shall be developed & maintained around the plant periphery. Green Belt Development shall be carried out considering CPCB guidelines including selection of plant species and in consultation with the local DFO/ Agriculture Dept.
- (xv) Adequate safety measures shall be provided to limit the risk zone within the plant boundary, in case of an accident. Smoke and Heat detection devices shall also be installed at strategic places for early detection and warning.



- (xvi) Occupational health surveillance of the workers shall be done on a regular basis and record maintained as per Factories Act.
- (xvii) The company shall make the arrangement for protection of possible fire hazards during manufacturing process in material handling.
- (xviii) The project authorities must strictly comply with the rules and regulations with regard to handling and disposal of hazardous wastes in accordance with the Hazardous Waste (Management and Handling) Rules, 2003 (amended). Authorization from the MPCB shall be obtained for collections/treatment/storage/disposal of hazardous wastes.
- (xix) The company shall undertake following Waste Minimization Measures :
- Metering of quantities of active ingredients to minimize waste.
  - Reuse of by- products from the process as raw materials or as raw material substitutes in other process.
  - Maximizing Recoveries.
  - Use of automated material transfer system to minimize spillage.
- (xx) Regular mock drills for the on-site emergency management plan shall be carried out. Implementation of changes / improvements required, if any, in the on-site management plan shall be ensured.
- (xxi) A separate environment management cell with qualified staff shall be set up for implementation of the stipulated environmental safeguards.
- (xxii) Transportation of ash will be through closed containers and all measures should be taken to prevent spilling of the ash.
- (xxiii) Separate silos will be provided for collecting and storing bottom ash and fly ash.
- (xxiv) Separate funds shall be allocated for implementation of environmental protection measures/EMP along with item-wise break-up. These cost shall be included as part of the project cost.
- (xxv) The funds earmarked for the environment protection measures shall not be diverted for other purposes and year-wise expenditure should reported to the MPCB & this department.
- (xxvi) The project management shall advertise at least in two local newspapers widely circulated in the region around the project, one of which shall be in the marathi language of the local concerned within seven days of issue of this letter, informing that the project has been accorded environmental clearance and copies of clearance letter are available with the Maharashtra Pollution Control Board and may also be seen at Website at <http://ec.maharashtra.gov.in>
- (xxvii) Project management should submit half yearly compliance reports in respect of the stipulated prior environment clearance terms and conditions in hard & soft copies to the MPCB & this department, on 1<sup>st</sup> June & 1<sup>st</sup> December of each calendar year.

- (xxviii) A copy of the clearance letter shall be sent by proponent to the concerned Municipal Corporation 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 website of the Company by the proponent.
- (xxix) The proponent shall upload the status of compliance of the stipulated EC 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 MoEF, the respective Zonal Office of CPCB and the SPCB. The criteria pollutant levels namely; SPM, RSPM, SO<sub>2</sub>, NO<sub>x</sub> (ambient levels as well as stack emissions) or critical sectorial parameters, indicated for the project shall be monitored and displayed at a convenient location near the main gate of the company in the public domain.
- (xxx) Six monthly monitoring reports should be submitted to the Regional office MoEF, Bhopal with copy to this department and MPCB.
- (xxxi) A complete set of all the documents submitted to Department should be forwarded to the Local authority and MPCB.
- (xxxii) The environmental clearance is being issued without prejudice to the court case pending in the court of law and it does not mean that project proponent has not violated any environmental laws in the past and whatever decision of the Hon'ble court will be binding on the project proponent. Hence this clearance does not give immunity to the project proponent in the case filed against him.
4. The environmental clearance is being issued without prejudice to the action initiated under EP Act or any court case pending in the court of law and it does not mean that project proponent has not violated any environmental laws in the past and whatever decision under EP Act or of the Hon'ble court will be binding on the project proponent. Hence this clearance does not give immunity to the project proponent in the case filed against him, if any or action initiated under EP Act.
  5. The Environment department reserves the right to revoke the clearance if conditions stipulated are not implemented to the satisfaction of the department or for that matter, for any other administrative reason.
  6. **Validity of Environment Clearance:** The environmental clearance accorded shall be valid for a period of 5 years to start of production operations.
  7. In case of any deviation or alteration in the project proposed from those submitted to this department for clearance, a fresh reference should be made to the department to assess the adequacy of the condition(s) imposed and to incorporate additional environmental protection measures required, if any.
  8. The above stipulations would be enforced among others under the Water (Prevention and Control of Pollution) Act, 1974, the Air (Prevention and Control of Pollution ) Act, 1981, the Environment (Protection) Act, 1986 and rules there under, Hazardous Wastes (Management and Handling ) Rules, 1989 and its amendments, the public Liability Insurance Act, 1991 and its amendments.

9. Any appeal against this environmental clearance shall lie with the National Green Tribunal (Western Zone Bench, Pune), New Administrative Building, 1<sup>st</sup> Floor, D-, Wing, Opposite Council Hall, Pune, if preferred, within 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010
10. This Environment Clearance is issued for proposed expansion of 350 to 750 MTD-Plot No. G-8, Additional MIDC area, Jalna by M/s.Bhagyalaxmi Rolling Mill Pvt. Ltd.

  
(Medha Gadgil)  
Additional Chief Secretary,  
Environment department &  
MS, SEIAA

**Copy to:**

1. Shri. R. C. Joshi, IAS (Retd.), Chairman, SEIAA, Flat No. 26, Belvedere, Bhulabhai desai road, Breach candy, Mumbai- 400026.
2. Shri T. C. Benjamin, IAS (Retired), Chairman, SEAC-I, 602, PECAN, Marigold, Behind Gold Adlabs, Kalyani Nagar, Pune – 411014.
3. Additional Secretary, MoEF & CC, Indira Paryavaran Bhavan, Jorbagh Road, Aliganj, New Delhi-110003.
4. Member Secretary, Maharashtra Pollution Control Board, with request to display a copy of the clearance.
5. The CCF, Regional Office, Ministry of Environment and Forest (Regional Office, Western Region, Kendriya Paryavaran Bhavan, Link Road No- 3, E-5, Ravi-Shankar Nagar, Bhopal- 462 016). (MP).
6. Regional Office, MPCB, Aurnagabad
7. CEO, MIDC, Jalna
8. IA- Division, Monitoring Cell, MoEF & CC, Indira Paryavaran Bhavan, Jorbagh Road, Aliganj, New Delhi-110003.
9. Select file (TC-3)

(EC uploaded on 7/10/2014 )

# MAHARASHTRA POLLUTION CONTROL BOARD

Tel: 24010706/24010437  
Fax:  
24044532/4024068/4023516  
Website: <http://mpcb.gov.in>  
Email: [jdair@mpcb.gov.in](mailto:jdair@mpcb.gov.in)



Kalpataru Point, 2nd and  
4th floor, Opp. Cine Planet  
Cinema, Near Sion Circle,  
Sion (E), Mumbai-400022

RED/L.S.I (O63)

Date: 18/05/2022

No:- Format1.0/APAE Section/UAN  
No.0000116291/CR/2205001031

To,  
M/s. Bhagyalaxmi Rolling Mill Pvt. Ltd.,  
Plot No. G-7, G-8, G-9, G-7 PART, G10-1, G10-2,  
Additional MIDC, Phase - II,  
Jalna.



Your Service is Our Duty

**Sub: Grant of Renewal of Consent to Operate under Red category.**

- Ref:**
1. Environmental Clearance granted by Environment Department, GoM, vide dtd. 30/09/2014.
  2. Earlier Consent to Operate granted by the Board vide no. BO/JD (APC)/ UAN No. 0000086530 /R/CC- 2005000597 dtd. 22/05/2020.
  3. Amendment in Consent to Operate issued by the Board w.r.t. extension of Consent validity, vide no. BO/JD (APC)/ Amendment / CC - 597 (A) dtd. 23/03/2021.

Your application No.MPCB-CONSENT-0000116291 Dated 22.06.2021

For: Grant of Consent to Operate under Section 26 of the Water (Prevention & Control of Pollution) Act, 1974 & under Section 21 of the Air (Prevention & Control of Pollution) Act, 1981 and Authorization under Rule 6 of the Hazardous & Other Wastes (Management & Transboundary Movement) Rules 2016 is considered and the consent is hereby granted subject to the following terms and conditions and as detailed in the schedule I, II, III & IV annexed to this order:

1. **The consent to renewal is granted for a period up to 30/06/2023**
2. **The capital investment of the project is Rs.33.0029 Crs. (As per C.A Certificate submitted by industry )**
3. **Consent is valid for the manufacture of:**

Sr No	Product	Maximum Quantity	UOM
Products			
1	MS BILLETT	750	MT/Day

4. **Conditions under Water (P&CP), 1974 Act for discharge of effluent:**

Sr No	Description	Permitted (in CMD)	Standards to	Disposal Path
1.	Trade effluent	0	As per Schedule-I	Not Applicable
2.	Domestic effluent	06	As per Schedule-I	On land for gardening

5. **Conditions under Air (P& CP) Act, 1981 for air emissions:**

<b>Sr No.</b>	<b>Stack No.</b>	<b>Description of stack / source</b>	<b>Number of Stack</b>	<b>Standards to be achieved</b>
1	01	Induction Furnace (30 T)	1	As per Schedule -II
2	02	DG set of 500 KVA	1	As per Schedule -II

6. **Non-Hazardous Wastes:**

<b>Sr No</b>	<b>Type of Waste</b>	<b>Quantity</b>	<b>UoM</b>	<b>Treatment</b>	<b>Disposal</b>
1	SLAG	30	MT/Day	Sale	Sale to Brick Manufacturer

7. **Conditions under Hazardous & Other Wastes (M & T M) Rules 2016 for treatment and disposal of hazardous waste:**

<b>Sr No</b>	<b>Category No./ Type</b>	<b>Quantity</b>	<b>UoM</b>	<b>Treatment</b>	<b>Disposal</b>
NA					

**Industry shall not generate any type of hazardous waste.**

- The Board reserves the right to review, amend, suspend, revoke this consent and the same shall be binding on the industry.
- This consent should not be construed as exemption from obtaining necessary NOC/ permission from any other Government authorities.
- The applicant shall obtain necessary permission from the Directorate of Industrial Safety and Health (DISH).
- The applicant shall issue purchase order for installation of secondary fume extraction system on or before 30/04/2022 and shall submit BG of Rs. 2.0 Lakh towards compliance of the same.
- The applicant shall ensure that material should be procured on or before 15/06/2022 and shall submit BG of Rs. 3.0 Lakh towards compliance of the same.
- The applicant shall ensure that work of provision of secondary fume extraction system shall be started on or before 30/06/2022 and shall submit BG of Rs. 5.0 Lakh towards compliance of the same.
- The applicant shall ensure that installation of secondary fume extraction systems shall be installed on or before 15/10/2022 shall submit BG of Rs. 5.0 Lakh towards compliance of the same.
- The applicant shall ensure that trials of secondary fume extortion system shall be done on or before 30/10/2022 and shall submit BG of Rs. 5.0 Lakh towards compliance of the same.
- If applicant fails to comply point no. 11 to 15 within time, then BG will be forfeited and top-up accordingly.
- The applicant shall submit progress report after completion of each activity to SRO Jalna and SRO Jalna shall submit monthly progress report after verification.

18. Industry shall strictly comply with the conditions of Environmental Clearance granted by Environment Department, GoM, vide dtd. 30/09/2014.
19. The applicant shall make an application for renewal of consent 60 days prior to date of expiry of the consent.

**Received Consent fee of -**

<b>Sr.No</b>	<b>Amount(Rs.)</b>	<b>Transaction/DR.No.</b>	<b>Date</b>	<b>Transaction Type</b>
1	225000.00	TXN2106002261	24/06/2021	Online Payment

**As per earlier Consents fees of Rs. 2.5 Lakh is balance with the Board. Out of total fees paid, fees of Rs. 1.5 Lakh is deducted towards Renewal of this Consent. Therefore fees of Rs. 3.5 Lakh is balance with the Board and same will be considered during grant of next Renewal of Consent to Operate.**

**Copy to:**

1. Regional Officer, MPCB, Aurangabad and Sub-Regional Officer, MPCB, Jalna  
- They are directed to ensure the compliance of the consent conditions.
2. Chief Accounts Officer, MPCB, Sion, Mumbai
3. SRO Jalna - is directed to submit verification report.

### **SCHEDULE-I**

#### **Terms & conditions for compliance of Water Pollution Control:**

1. A] Generation - As per your application the treated effluent generation is Nil.  
B] Treatment - NA  
C] Disposal - NA
2. A] As per your application, you have provided Septic Tank followed by Soak pit for the treatment of 6.0 CMD of sewage.  
B] The Applicant shall operate the sewage treatment system to treat the sewage so as to achieve the following standards.

<b>Sr.No</b>	<b>Parameters</b>	<b>Standards (mg/l)</b>	
1	Suspended Solids	Not to exceed	50
2	BOD 3 days 27°C	Not to exceed	30
3	COD	Not to exceed	100

- C] The treated sewage shall be recycled for secondary purposes to the maximum extent and remaining shall be discharged on land for gardening within premise after confirming above standards. In no case, sewage shall find its way for gardening / outside factory premises.
3. The Board reserves its rights to review plans, specifications or other data relating to plant setup for the treatment of waterworks for the purification there of & the system for the disposal of sewage or trade effluent or in connection with the grant of any consent conditions. The Applicant shall obtain prior consent of the Board to take steps to establish the unit or establish any treatment and disposal system or an extension or addition thereto.
  4. The industry shall ensure replacement of pollution control system or its parts after expiry of its expected life as defined by manufacturer so as to ensure the compliance of standards and safety of the operation thereof.
  5. The Applicant shall comply with the provisions of the Water (Prevention & Control of Pollution) Act, 1974 and as amended, by installing water meters and other provisions as contained in the said act:

<b>Sr. No.</b>	<b>Purpose for water consumed</b>	<b>Water consumption quantity (CMD)</b>
1.	Industrial Cooling, spraying in mine pits or boiler feed	75.00
2.	Domestic purpose	10.00
3.	Processing whereby water gets polluted & pollutants are easily biodegradable	0.00
4.	Processing whereby water gets polluted & pollutants are not easily biodegradable and are toxic	0.00
5.	Gardening	00

6. The Applicant shall provide Specific Water Pollution control system as per the conditions of EP Act, 1986 and rule made there under from time to time/ Environmental Clearance/ CREP guidelines.



## **SCHEDULE-II**

### **Terms & conditions for compliance of Air Pollution Control:**

1. As per your application, you have provided the Air pollution control (APC) system and erected following stack (s) to observe the following fuel pattern:

<b>Stack No.</b>	<b>Source</b>	<b>APC System provided/proposed</b>	<b>Stack Height(in mtr)</b>	<b>Type of Fuel</b>	<b>Sulphur Content(in %)</b>	<b>Pollutant</b>	<b>Standard</b>
01	Induction Furnace (30 T)	Fume Extraction system followed by Bag Filter.	30.00	ELECTRICITY 00 --NA--	-	TPM	100 Mg/Nm <sup>3</sup>
02	DG Set of 500 KVA	Acoustic Enclosure	4.50	HSD 125 Kg/Hr	1.0	SO2	60.0 Kg/Day

2. The Applicant shall provide Specific Air Pollution control equipments as per the conditions of EP Act, 1986 and rule made there under from time to time/ Environmental Clearance / CREP guidelines.
3. The Applicant shall obtain necessary prior permission for providing additional control equipment with necessary specifications and operation thereof or alteration or replacement/alteration well before its life come to an end or erection of new pollution control equipment.
4. The Board reserves its rights to vary all or any of the condition in the consent, if due to any technological improvement or otherwise such variation (including the change of any control equipment, other in whole or in part is necessary).



**SCHEDULE-III****Details of Bank Guarantees:**

<b>Sr. No</b>	<b>Consent (C2E/C2O/C2R)</b>	<b>Amt of BG Imposed</b>	<b>Submission Period</b>	<b>Purpose of BG</b>	<b>Compliance Period</b>	<b>Validity Date</b>
1	Renewal of Consent to Operate	Rs. 2.0 Lakh	15 days	Towards to issue purchase order for installation of secondary fume extraction system.	30/04/2022	One Year.
2	Renewal of Consent to Operate	Rs. 3.0 Lakh	15 days	Towards material of secondary fume extraction system should be procured.	15/06/2022	One Year.
3	Renewal of Consent to Operate	Rs. 5.0 Lakh	15 days	Towards work of provision of secondary fume extraction system shall be started.	30/06/2022	One Year.
4	Renewal of Consent to Operate	Rs. 5.0 Lakh	15 days	Towards secondary fume extraction systems shall be installed. Towards secondary fume extraction systems shall be installed.	15/10/2022	One Year.
5	Renewal of Consent to Operate	Rs. 5.0 Lakh	15 days	Towards trials of secondary fume extortion system shall be done.	30/10/2022	One Year.
6	Renewal of Consent to Operate	Rs. 5.0 Lakh	15 days	Towards O & M of pollution control systems and compliance of Consent conditions.	Continuous.	31/12/2023.

**BG Forfeiture History**

<b>Srno.</b>	<b>Consent (C2E/C2O/C2R)</b>	<b>Amount of BG imposed</b>	<b>Submission Period</b>	<b>Purpose of BG</b>	<b>Amount of BG Forfeiture</b>	<b>Reason of BG Forfeiture</b>
NA						

**BG Return details**

<b>Srno.</b>	<b>Consent (C2E/C2O/C2R)</b>	<b>BG imposed</b>	<b>Purpose of BG</b>	<b>Amount of BG Returned</b>
NA				

**SCHEDULE-IV**  
**General Conditions:**

1. The Energy source for lighting purpose shall preferably be LED based
2. The PP shall harvest rainwater from roof tops of the buildings and storm water drains to recharge the ground water and utilize the same for different industrial applications within the plant
3. Conditions for D.G. Set
  - a) Noise from the D.G. Set should be controlled by providing an acoustic enclosure or by treating the room acoustically.
  - b) Industry should provide acoustic enclosure for control of noise. The acoustic enclosure/ acoustic treatment of the room should be designed for minimum 25 dB (A) insertion loss or for meeting the ambient noise standards, whichever is on higher side. A suitable exhaust muffler with insertion loss of 25 dB (A) shall also be provided. The measurement of insertion loss will be done at different points at 0.5 meters from acoustic enclosure/room and then average.
  - c) Industry should make efforts to bring down noise level due to DG set, outside industrial premises, within ambient noise requirements by proper siting and control measures.
  - d) Installation of DG Set must be strictly in compliance with recommendations of DG Set manufacturer.
  - e) A proper routine and preventive maintenance procedure for DG set should be set and followed in consultation with the DG manufacturer which would help to prevent noise levels of DG set from deteriorating with use.
  - f) D.G. Set shall be operated only in case of power failure.
  - g) The applicant should not cause any nuisance in the surrounding area due to operation of D.G. Set.
  - h) The applicant shall comply with the notification of MoEFCC, India on Environment (Protection) second Amendment Rules vide GSR 371(E) dated 17.05.2002 and its amendments regarding noise limit for generator sets run with diesel.
4. The applicant shall maintain good housekeeping.
5. The non-hazardous solid waste arising in the factory premises, sweepings, etc. be disposed of scientifically so as not to cause any nuisance / pollution. The applicant shall take necessary permissions from civic authorities for disposal of solid waste.
6. The applicant shall not change or alter the quantity, quality, the rate of discharge, temperature or the mode of the effluent/emissions or hazardous wastes or control equipments provided for without previous written permission of the Board. The industry will not carry out any activity, for which this consent has not been granted/without prior consent of the Board.
7. The industry shall ensure that fugitive emissions from the activity are controlled so as to maintain clean and safe environment in and around the factory premises.
8. The industry shall submit quarterly statement in respect of industries obligation towards consent and pollution control compliance's duly supported with documentary evidences (format can be downloaded from MPCB official site).
9. The industry shall submit official e-mail address and any change will be duly informed to the MPCB.
10. The industry shall achieve the National Ambient Air Quality standards prescribed vide Government of India, Notification No. B-29016/20/90/PCI-L dated. 18.11.2009 as amended.
11. The Board reserves its rights to review plans, specifications or other data relating to plant setup for the treatment of waterworks for the purification thereof & the system for the disposal of sewage or trade effluent or in connection with the grant of any consent conditions. The Applicant shall obtain prior consent of the Board to take steps to establish the unit or establish any treatment and disposal system or an extension or addition thereto.

12. The industry shall ensure replacement of pollution control system or its parts after expiry of its expected life as defined by manufacturer so as to ensure the compliance of standards and safety of the operation thereof.
13. The PP shall provide personal protection equipment as per norms of Factory Act
14. Industry should monitor effluent quality, stack emissions and ambient air quality monthly/quarterly.
15. Whenever due to any accident or other unforeseen act or even, such emissions occur or is apprehended to occur in excess of standards laid down, such information shall be forthwith Reported to Board, concerned Police Station, office of Directorate of Health Services, Department of Explosives, Inspectorate of Factories and Local Body. In case of failure of pollution control equipments, the production process connected to it shall be stopped.
16. The applicant shall provide an alternate electric power source sufficient to operate all pollution control facilities installed to maintain compliance with the terms and conditions of the consent. In the absence, the applicant shall stop, reduce or otherwise, control production to abide by terms and conditions of this consent.
17. The industry shall recycle/reprocess/reuse/recover Hazardous Waste as per the provision contain in the Hazardous and Other Wastes (M & TM) Rules 2016, which can be recycled /processed /reused /recovered and only waste which has to be incinerated shall go to incineration and waste which can be used for land filling and cannot be recycled/reprocessed etc. should go for that purpose, in order to reduce load on incineration and landfill site/environment.
18. An inspection book shall be opened and made available to the Board's officers during their visit to the applicant.
19. Industry shall strictly comply with the Water (P&CP) Act, 1974, Air (P&CP) Act, 1981 and Environmental Protection Act, 1986 and industry specific standard under EP Rules 1986 which are available on MPCB website ([www.mpcb.gov.in](http://www.mpcb.gov.in)).
20. Separate drainage system shall be provided for collection of trade and sewage effluents. Terminal manholes shall be provided at the end of the collection system with arrangement for measuring the flow. No effluent shall be admitted in the pipes/sewers downstream of the terminal manholes. No effluent shall find its way other than in designed and provided collection system.
21. Neither storm water nor discharge from other premises shall be allowed to mix with the effluents from the factory.
22. The industry should not cause any nuisance in surrounding area.
23. The industry shall take adequate measures for control of noise levels from its own sources within the premises so as to maintain ambient air quality standard in respect of noise to less than 75 dB (A) during day time and 70 dB (A) during night time. Day time is reckoned in between 6 a.m. and 10 p.m. and night time is reckoned between 10 p.m. and 6 a.m.
24. The industry shall create the Environmental Cell by appointing an Environmental Engineer, Chemist and Agriculture expert for looking after day to day activities related to Environment and irrigation field where treated effluent is used for irrigation.
25. The applicant shall provide ports in the chimney/(s) and facilities such as ladder, platform etc. for monitoring the air emissions and the same shall be open for inspection to/and for use of the Board's Staff. The chimney(s) vents attached to various sources of emission shall be designated by numbers such as S-1, S-2, etc. and these shall be painted/ displayed to facilitate identification.

26. The industry should comply with the Hazardous and Other Wastes (M & TM) Rules, 2016 and submit the Annual Returns as per Rule 6(5) & 20(2) of Hazardous and Other Wastes (M & TM) Rules, 2016 for the preceding year April to March in Form-IV by 30th June of every year.
27. The applicant shall install a separate meter showing the consumption of energy for operation of domestic and industrial effluent treatment plants and air pollution control system. A register showing consumption of chemicals used for treatment shall be maintained.
28. The applicant shall bring minimum 33% of the available open land under green coverage/ plantation. The applicant shall submit a yearly statement by 30th September every year on available open plot area, number of trees surviving as on 31st March of the year and number of trees planted by September end.
29. The Board reserves its rights to review plans, specifications or other data relating to plant setup for the treatment of waterworks for the purification thereof & the system for the disposal of sewage or trade effluent or in connection with the grant of any consent conditions.
30. The firm shall submit to this office, the 30th day of September every year, the Environment Statement Report for the financial year ending 31st March in the prescribed FORM-V as per the provisions of Rule 14 of the Environment (Protection) (second Amendment) Rules, 1992.
31. The Applicant shall obtain necessary prior permission for providing additional control equipment with necessary specifications and operation thereof or alteration or replacement/alteration well before its life come to an end or erection of new pollution control equipment.
32. The Board reserves its rights to vary all or any of the condition in the consent, if due to any technological improvement or otherwise such variation (including the change of any control equipment, other in whole or in part is necessary).
33. The applicant shall provide facility for collection of environmental samples and samples of trade and sewage effluents, air emissions and hazardous waste to the Board staff at the terminal or designated points and shall pay to the Board for the services rendered in this behalf.

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This certificate is digitally & electronically signed.

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# Maharashtra Pollution Control Board

महाराष्ट्र प्रदूषण नियंत्रण मंडळ

## FORM V

(See Rule 14)

Environmental Audit Report for the financial Year ending the 31st March 2022

### Unique Application Number

MPCB-ENVIRONMENT\_STATEMENT-0000046082

### Submitted Date

19-09-2022

## PART A

### Company Information

#### Company Name

BHAGYALAXMI ROLLING MILL PVT LTD

#### Application UAN number

MPCB-CONSENT-0000116291

#### Address

PLOT NO: G-7, G-8, G-9, G-7 PART, G10-1, G10/2

#### Plot no

PLOT NO: G-7, G-8, G-9, G-7 PART, G10-1, G10/2

#### Taluka

JALNA

#### Village

JALNA

#### Capital Investment (In lakhs)

12398.35

#### Scale

L.S.I.

#### City

JALNA

#### Pincode

431213

#### Person Name

VV MULEY

#### Designation

MANAGER

#### Telephone Number

9970400119

#### Fax Number

00

#### Email

vv.muley@polaadbars.com

#### Region

SRO-Jalna

#### Industry Category

Orange

#### Industry Type

O61 Rolling mill (oil or coal fired) and cold rolling mill

#### Last Environmental statement submitted online

yes

#### Consent Number

FORMAT1.0/APAE Section/UAN NO. 0000116291/CR/2205001031

#### Consent Issue Date

2022-05-18

#### Consent Valid Upto

2023-06-30

#### Establishment Year

0

#### Date of last environment statement submitted

Sep 20 2021 12:00:00:000AM

#### Industry Category Primary (STC Code) & Secondary (STC Code)

### Product Information

#### Product Name

MS BILLETS

#### Consent Quantity

270000

#### Actual Quantity

220650

#### UOM

MT/A

### By-product Information

#### By Product Name

NA

#### Consent Quantity

0

#### Actual Quantity

0

#### UOM

MT/A

Part-B (Water & Raw Material Consumption)

1) Water Consumption in m3/day		
Water Consumption for Process	Consent Quantity in m3/day	Actual Quantity in m3/day
	0.00	0.00
Cooling	75.00	70.00
Domestic	10.00	8.00
All others	0.00	0.00
Total	85.00	78.00

2) Effluent Generation in CMD / MLD			
Particulars	Consent Quantity	Actual Quantity	UOM
NA	00	00	CMD

2) Product Wise Process Water Consumption (cubic meter of process water per unit of product)			
Name of Products (Production)	During the Previous financial Year	During the current Financial year	UOM
MS BILLETS	0.13	0.14	CMD

3) Raw Material Consumption (Consumption of raw material per unit of product)			
Name of Raw Materials	During the Previous financial Year	During the current Financial year	UOM
MS BILLETS	195671.335	231127.05	MT/A

4) Fuel Consumption			
Fuel Name	Consent quantity	Actual Quantity	UOM
ELECTRICITY	00	352030.250	Mwh

Part-C

Pollution discharged to environment/unit of output (Parameter as specified in the consent issued)					
[A] Water					
Pollutants Detail	Quantity of Pollutants discharged (kL/day) Quantity	Concentration of Pollutants discharged(Mg/Lit) Except PH,Temp,Colour Concentration	Percentage of variation from prescribed standards with reasons %variation	Standard	Reason
NA	00	00	NA	NA	NA

[B] Air (Stack)					
Pollutants Detail	Quantity of Pollutants discharged (kL/day) Quantity	Concentration of Pollutants discharged(Mg/NM3) Concentration	Percentage of variation from prescribed standards with reasons %variation	Standard	Reason
SPM/TPM	00	56	NA	150	NA
SO2	00	23	NA	80	NA

Part-D

HAZARDOUS WASTES			
1) From Process			
Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM



2) From Pollution Control Facilities

Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
0	00	00	MT/A

Part-E

SOLID WASTES

1) From Process

Non Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
SLAG	7899.670	7553.999	MT/A

2) From Pollution Control Facilities

Non Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
NA	00	00	MT/A

3) Quantity Recycled or Re-utilized within the unit

Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
0	00	00	MT/A

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.

1) Hazardous Waste

Type of Hazardous Waste Generated	Qty of Hazardous Waste	UOM	Concentration of Hazardous Waste
0	00	MT/A	NA

2) Solid Waste

Type of Solid Waste Generated	Qty of Solid Waste	UOM	Concentration of Solid Waste
SLAG	7553.999	MT/A	NA

Part-G

Impact of the pollution Control measures taken on conservation of natural resources and consequently on the cost of production.

Description	Reduction in Water Consumption (M3/day)	Reduction in Fuel & Solvent Consumption (KL/day)	Reduction in Raw Material (Kg)	Reduction in Power Consumption (KWH)	Capital Investment(in Lacs)	Reduction in Maintenance(in Lacs)
NA	00	00	00	00	00	00

Part-H

Additional measures/investment proposal for environmental protection abatement of pollution, prevention of pollution.  
[A] Investment made during the period of Environmental Statement

Detail of measures for Environmental Protection	Environmental Protection Measures	Capital Investment (Lacks)
AIR POLLUTION CONTROL SYSTEM	UPGRDATION IN APC AND OCEMS SYSTEM	77

---

**[B] Investment Proposed for next Year**

<b><i>Detail of measures for Environmental Protection</i></b>	<b><i>Environmental Protection Measures</i></b>	<b><i>Capital Investment (Lacks)</i></b>
GREEN BELT DEVELOPMENT AND APC SYSTEM	DEVELOPMENT OF GREEN BELT AND OPERATION MAINTENACE OF APC SYSTEM	33

**Part-I**

---

**Any other particulars for improving the quality of the environment.**

**Particulars**

WE ARE DEVELOPING OUR GREEN BELT AREA DAILY WHILE PLANTING NATIVE SPECIES, FOCUSING ON POLLUTION CONTROL AND PROTECTION, AND ADHERING TO AND ENFORCING THE MPC BOARD'S STIPULATED CONSENT CONDITIONS.

**Name & Designation**

VV MULEY (MANAGER)

**UAN No:**

MPCB-ENVIRONMENT\_STATEMENT-0000046082

**Submitted On:**

19-09-2022



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Registered Laboratory for Soil testing under Agriculture Department, Maharashtra State.



## TEST REPORT

RL-R20-01B

Report No.: RL/TR/2022-2023/04-133

Issue Date: 07/05/2022

Name of Customer: M/S. BHAGYALAXMI ROLLING MILL PVT. LTD

Address of Customer:

Plot No. G-7, G-8, G-9, G-7 Part, G10-1, G10-2 Add. MIDC, Phase-II, Jalna.

Mobile- 9970400119

GSTIN- 27AADCB0390C1Z5

Sampling Plan Reference No.: 03/04

Date & Time of Sampling: 27<sup>th</sup> to 28<sup>th</sup> April 2022, 10:30 AM

Codification No: RLC-131

ENVIRONMENTAL CONDITIONS:

Min. Temperature

29°C

Max. Temperature

41°C

Sample Received On: 30/04/2022

Analysis Start On: 30/04/2022

SAMPLE REFERENCE

Sample Type

Ambient air quality monitoring

Your Reference

Verbal

Reference Date

-

Sample ID

-

Sample Location

Near Main Gate

Latitude

-

Longitude

-

Sample Collected By

RAJAS LABORATORIES

Min. Rel. Humidity

28.0%

Max. Rel. Humidity

40.0%

Completion of Analysis: 07/05/2022

Sr. No.	Parameters	Result	Unit	Standard Values as per NAAQMS	Analysis Method
Chemical Testing- 1,2,3. Atmospheric Pollution (Ambient Air)					
1.	Sulfur Dioxide (SO <sub>2</sub> )	27.23	µg/m <sup>3</sup>	80	IS 5182 (Part 2):2001
2.	Oxides of Nitrogen (NO <sub>x</sub> )	39.51	µg/m <sup>3</sup>	80	IS 5182 (Part 6):2006
3.	Particulate Matter 10 (µ) (PM 10)	90.95	µg/m <sup>3</sup>	100	IS 5182 (Part 23):2006
4.	Particulate Matter 2.5 (µ) (PM 2.5)	44.17	µg/m <sup>3</sup>	60	CPCB Guidelines: NAAQMS/36/2012-13
5.	Ozone (O <sub>3</sub> )	11.46	µg/m <sup>3</sup>	100	IS 5182 (Part 9):1974
6.	Ammonia (NH <sub>3</sub> )	23.46	µg/m <sup>3</sup>	400	CPCB Guidelines: NAAQMS/36/2012-13
7.	Benzene (C <sub>6</sub> H <sub>6</sub> )	BDL [DL = 0.1]	µg/m <sup>3</sup>	5	IS 5182 (Part 11):2006
8.	Benzo-a-pyrene (BaP)	BDL [DL = 0.5]	ng/m <sup>3</sup>	1	CPCB Guidelines: NAAQMS/36/2012-13
9.	Carbon Monoxide (CO)	1.24	mg/m <sup>3</sup>	4	IS 5182 (Part 10):1999
10.	Lead (Pb)	BDL [DL = 0.1]	µg/m <sup>3</sup>	1	IS 5182 (Part 22):2004
11.	Arsenic (As)	BDL [DL = 2]	ng/m <sup>3</sup>	6	CPCB Guidelines: NAAQMS/36/2012-13
12.	Nickel (Ni)	BDL [DL = 5]	ng/m <sup>3</sup>	20	CPCB Guidelines: NAAQMS/36/2012-13

BDL = Below Detection Limit, DL = Detection Limit

Remark (If Any): With respect to above parameters, sample conforms to the standard values as per NAAQMS

Sr. No.	Instrument ID	Make	Calibration Status
01.	RL/INS/RDS/C-74	Asha Enviro	Valid Up to 05/07/2022
02.	RL/INS/FDS/C-75	Asha Enviro	Valid Up to 05/07/2022

### Terms & Conditions:

- The above result is valid only for the sample tested.
- This certificate is valid for 1 year and shall not be used for advertising or legal action.
- This report is not to be produced except in full, without the service particulars from the Laboratory.
- The sample will be destroyed after 5 days & 1 month from the date of issue of test report for perishable & non-perishable items respectively.
- The above stated product is not responsible for the product, process, services, management and system or person as approved by NABL.
- Fees not established between the company and the client at the time the order is placed or contract is signed shall be at the company's standard rates (which are subject to change) and all applicable taxes shall be payable by the client.
- NABL & CC recognition valid till 15/01/2024

Reviewed By

Kshitij Tamhane (TM Env.)  
Authorized Signatory

Authorized By

Raju Ghule (LMR)  
Authorized SignatoryPage 1 Of 1  
END OF REPORT





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Registered Laboratory for Soil testing under Agriculture Department, Maharashtra State.



## TEST REPORT

RL-R20-01B

Report No.: RL/TR/2022-2023/04-134

Issue Date: 07/05/2022

Name of Customer: M/S. BHAGYALAXMI ROLLING MILL PVT. LTD

SAMPLE REFERENCE

Address of Customer:

Plot No. G-7, G-8, G-9, G-7 Part, G10-1, G10-2 Add. MIDC, Phase-II, Jalna.

Mobile- 9970400119

GSTIN- 27AADCB0390C125

Sampling Plan Reference No.: 03/04

Date & Time of Sampling: 27<sup>th</sup> to 28<sup>th</sup> April 2022, 10:45 AM

Codification No: RL-C-132

ENVIRONMENTAL CONDITIONS:

Min. Temperature 28°C

Max. Temperature 40°C

Sample Received On: 30/04/2022 Analysis Start On: 30/04/2022

Sample Type

Ambient air quality monitoring

Your Reference

Verbal

Reference Date

-

Sample ID

-

Sample Location

Furnace Shed

Latitude

-

Longitude

-

Sample Collected By

RAJAS LABORATORIES

Min. Rel. Humidity

27.0%

Max. Rel. Humidity

39.0%

Completion of Analysis: 07/05/2022

Sr. No.	Parameters	Result	Unit	Standard Values as per NAAQMS	Analysis Method
Chemical Testing- 1.2.3. Atmospheric Pollution (Ambient Air)					
1.	Sulfur Dioxide (SO <sub>2</sub> )	19.42	µg/m <sup>3</sup>	80	IS 5182 (Part 2): 2001
2.	Oxides of Nitrogen (NO <sub>x</sub> )	32.22	µg/m <sup>3</sup>	80	IS 5182 (Part 6): 2006
3.	Particulate Matter 10 (µ) (PM 10)	85.17	µg/m <sup>3</sup>	100	IS 5182 (Part 23): 2006
4.	Particulate Matter 2.5 (µ) (PM 2.5)	34.95	µg/m <sup>3</sup>	60	CPCB Guidelines: NAAQMS/36/2012-13
5.	Ozone (O <sub>3</sub> )	9.12	µg/m <sup>3</sup>	100	IS 5182 (Part 9): 1974
6.	Ammonia (NH <sub>3</sub> )	21.58	µg/m <sup>3</sup>	400	CPCB Guidelines: NAAQMS/36/2012-13
7.	Benzene (C <sub>6</sub> H <sub>6</sub> )	BDL [DL = 0.1]	µg/m <sup>3</sup>	5	IS 5182 (Part 11): 2006
8.	Benzo-a-pyrene (BaP)	BDL [DL = 0.5]	ng/m <sup>3</sup>	1	CPCB Guidelines: NAAQMS/36/2012-13
9.	Carbon Monoxide (CO)	0.89	mg/m <sup>3</sup>	4	IS 5182 (Part 10): 1999
10.	Lead (Pb)	BDL [DL = 0.1]	µg/m <sup>3</sup>	1	IS 5182 (Part 22): 2004
11.	Arsenic (As)	BDL [DL = 2]	ng/m <sup>3</sup>	6	CPCB Guidelines: NAAQMS/36/2012-13
12.	Nickel (Ni)	BDL [DL = 5]	ng/m <sup>3</sup>	20	CPCB Guidelines: NAAQMS/36/2012-13

BDL = Below Detection Limit, DL = Detection Limit

Remarks (If Any): With respect to above parameters, sample conforms to the standard values as per NAAQMS.

Sr. No.	Instrument ID	Make	Calibration Status
01.	RL/INS/RDS/C-81	Asha Enviro	Valid Up to 05/07/2022
02.	RL/INS/FDS/C-82	Asha Enviro	Valid Up to 05/07/2022

### Terms & Conditions:

- The above results pertain only to the sample tested.
- This certificate in full or in part shall not be used for advertising or legal action.
- Test Report cannot be re-produced except in full, without the written permission from the Laboratory.
- The sample will be destroyed after 5 days or 1 month from the date of issue of test report for particulate & non-particulate matter respectively.
- Wherever source product may replace that the product, process, services, assignment and system or person is approved by NABL.
- Test not established between the company and the client at the time the order is placed in contract is registered shall be of the company's standard rate (which are subject to change) and all applicable taxes shall be payable by the client.
- NABL is C-07 recognition valid till 13/07/2024.

Reviewed By

Kshitij Tambane (TM Env.)

Authorized Signatory



Authorized By

Raju Ghale (LMR)

Authorized Signatory

Page 1 Of 1  
END OF REPORT



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Registered Laboratory for Soil testing under Agriculture Department, Maharashtra State.



## TEST REPORT

RL-R20-01B

Report No.: RL/TR/2022-2023/04-135

Issue Date: 07/05/2022

Name of Customer: M/S. BHAGYALAXMI ROLLING MILL PVT. LTD

**SAMPLE REFERENCE**

Address of Customer:

Plot No. G-7, G-8, G-9, G-7 Part, G10-1, G10-2 Add. MIDC, Phase-II, Jalna.

Mobile- 9970400119

GSTIN- 27AADCB0390C1Z5

Sampling Plan Reference No.: 03/04

Date & Time of Sampling: 27<sup>th</sup> to 28<sup>th</sup> April 2022, 10:55 AM

Codification No: RLC-133

**ENVIRONMENTAL CONDITIONS:**

Min. Temperature 30°C

Max. Temperature 42°C

Sample Received On: 30/04/2022

Analysis Start On: 30/04/2022

Sample Type

Ambient air quality monitoring

Year Reference

Verbal

Reference Date

-

Sample ID

-

Sample Location

Rolling Mill Shed

Latitude

-

Longitude

-

Sample Collected By

RAJAS LABORATORIES

Min. Rel. Humidity

26.0%

Max. Rel. Humidity

41.0%

Completion of Analysis: 07/05/2022

Sr. No.	Parameters	Result	Unit	Standard Values as per NAAQMS	Analysis Method
<b>Chemical Testing- 1,2,3. Atmospheric Pollution (Ambient Air)</b>					
1.	Sulfur Dioxide (SO <sub>2</sub> )	15.38	µg/m <sup>3</sup>	80	IS 5182 (Part 2):2001
2.	Oxides of Nitrogen (NO <sub>x</sub> )	35.50	µg/m <sup>3</sup>	80	IS 5182 (Part 6):2006
3.	Particulate Matter 10 (µ) (PM 10)	79.02	µg/m <sup>3</sup>	100	IS 5182 (Part 23):2006
4.	Particulate Matter 2.5 (µ) (PM 2.5)	36.15	µg/m <sup>3</sup>	60	CPCB Guidelines: NAAQMS/36/2012-13
5.	Ozone (O <sub>3</sub> )	7.84	µg/m <sup>3</sup>	100	IS 5182 (Part 9):1974
6.	Ammonia (NH <sub>3</sub> )	25.21	µg/m <sup>3</sup>	400	CPCB Guidelines: NAAQMS/36/2012-13
7.	Benzene (C <sub>6</sub> H <sub>6</sub> )	BDL [DL = 0.1]	µg/m <sup>3</sup>	5	IS 5182 (Part 11):2006
8.	Benzo-a-pyrene (BaP)	BDL [DL = 0.5]	ng/m <sup>3</sup>	1	CPCB Guidelines: NAAQMS/36/2012-13
9.	Carbon Monoxide (CO)	1.01	mg/m <sup>3</sup>	4	IS 5182 (Part 10):1999
10.	Lead (Pb)	BDL [DL = 0.1]	µg/m <sup>3</sup>	1	IS 5182 (Part 22):2004
11.	Arsenic (As)	BDL [DL = 2]	µg/m <sup>3</sup>	6	CPCB Guidelines: NAAQMS/36/2012-13
12.	Nickel (Ni)	BDL [DL = 5]	ng/m <sup>3</sup>	20	CPCB Guidelines: NAAQMS/36/2012-13

BDL = Below Detection Limit, DL = Detection Limit

Remark (If Any): With respect to above parameters, sample conforms to the standard values as per NAAQMS.

Sr. No.	Instrument ID	Make	Calibration Status
01.	RL/INS/RDS/C-73	Asha Enviro	Valid Up to 05/07/2022
02.	RL/INS/FDS/C-76	Asha Enviro	Valid Up to 05/07/2022

**Terms & Conditions:**

- The above results pertain only to the sample tested.
- This certificate is valid only for the sample tested and not to be used for advertising or legal action.
- Test Report cannot be re-produced except as full, without the written permission from the Laboratory.
- The sample will be destroyed after 5 days & 1 month from the date of issue of test report for particulate & non-particulate matter respectively.
- The above test results are only for the product, process, service, management system or person as approved by NABL.
- Fees not established between the company and the client at the time the order is placed in contract, re-negotiated shall be at the company's standard rate (Which are subject to change) and all applicable services shall be payable by the client.
- Staff & QC recognition valid till 30/03/2023

Reviewed By

Kshitij Tamhane (TM Env.)

Authorized Signatory



Authorized By

Raju Ghule (LMR)

Authorized Signatory





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## TEST REPORT

RL-R20-01C

Report No.: RL/TR/2022-2023/04-136

Issue Date: 07/05/2022

Name of Customer: M/S. BHAGYALAXMI ROLLING MILL PVT. LTD

Address of Customer:

Plot No. G-7, G-8, G-9, G-7 Part, G10-1, G10-2 Add. MIDC, Phase-II, Jalna.

Mobile- 9970400119

GSTIN- 27AADCB0390C1Z5

Sampling Plan Reference No.: 03/04

Date & Time of Sampling: 27<sup>th</sup> April 2022, 12:30 PM

Codification No: RLC-134

STACK DETAILS:

Stack ID: 1

Stack Height: 30 Meters

Stack Fuel: -

Sample Received On: 30/04/2022

Analysis Start On: 30/04/2022

### SAMPLE REFERENCE

Sample Type: Stack Emission Monitoring

Your Reference: Verbal

Reference Date: -

Sample ID: -

Sample Location: Furnace Stack - 1

Latitude: -

Longitude: -

Sample Collected By: RAJAS LABORATORIES

Stack Material: MS

Fuel Consumption: -

Flue Gas Temperature: 69.5°C

Flue Gas Velocity: 3.9 m/s

Completion of Analysis: 07/05/2022

Sr. No.	Parameters	Result	Unit	Standard Values as per MPCB Consent	Analysis Method
Chemical Testing- 1.2.3. Atmospheric Pollution (Stack Emission)					
1.	Sulfur Dioxide (SO <sub>2</sub> )	4.20	ppm	Not to exceed 80 ppm	IS 11255 (Part 2) : 1985
2.	Total Particulate Matter (TPM)	85.91	mg/Nm <sup>3</sup>	Not to exceed 150 mg/Nm <sup>3</sup>	IS 11255 (Part 1) : 1985
3.	Oxides of Nitrogen (NO <sub>x</sub> )	3.08	ppm	Not to exceed 80 ppm	IS 11255 (Part 7) : 2005

Remark (If Any): The above parameters are within MPCB limits.

Sr. No.	Instrument ID	Make	Calibration Status
01.	RL/INS/STK/C-80	Asha Enviro	Valid Up to 05/07/2022

BDL = Below Detection Limit, DL = Detection Limit

### Terms & Conditions:

- The above results are only valid for the sample tested.
- The customer to fill in the report shall not be used for advertising or legal action.
- The report shall be reproduced except in full, without the written permission from the Laboratory.
- The sample will be destroyed after 5 days & 1 month from the date of issue of test report for portable & semi-portable tests respectively.
- The above report is valid for 12 months from the date of issue of test report for portable & semi-portable tests respectively.
- The report shall be valid for 12 months from the date of issue of test report for portable & semi-portable tests respectively.
- The report shall be valid for 12 months from the date of issue of test report for portable & semi-portable tests respectively.
- The report shall be valid for 12 months from the date of issue of test report for portable & semi-portable tests respectively.
- The report shall be valid for 12 months from the date of issue of test report for portable & semi-portable tests respectively.
- The report shall be valid for 12 months from the date of issue of test report for portable & semi-portable tests respectively.

Reviewed By

Kshitij Tamhane (TM Env.)  
Authorized Signatory

Authorized By

Raju Gunde (LMR)  
Authorized SignatoryPage 1 Of 1  
END OF REPORT



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Registered Laboratory for Soil testing under Agriculture Department, Maharashtra State.



## TEST REPORT

RL-R20-01C

Report No.: RL/TR/2022-2023/04-137

Issue Date: 07/05/2022

Name of Customer: M/S. BHAGYALAXMI ROLLING MILL PVT. LTD	SAMPLE REFERENCE	
Address of Customer: Plot No. G-7, G-8, G-9, G-7 Part, G10-1, G10-2 Add. MIDC, Phase-II, Jalna Mobile- 9970400119 GSTIN- 27AADCB0390C1Z5	Sample Type	Stack Emission Monitoring
Sampling Plan Reference No.: 03/04	Your Reference	Verbal
Date & Time of Sampling: 27 <sup>th</sup> April 2022, 01:45 PM	Reference Date	-
Codification No: RLC-135	Sample ID	-
STACK DETAILS:	Sample Location	Furnace Stack - 2
Stack ID	Latitude	-
Stack Height	Longitude	-
Stack Fuel	Sample Collected By	RAJAS LABORATORIES
Sample Received On: 30/04/2022	Stack Material	MS
Analysis Start On: 30/04/2022	Fuel Consumption	-
Completion of Analysis: 07/05/2022	Flue Gas Temperature	63.2°C
	Flue Gas Velocity	4.1 m/s

Sr. No.	Parameters	Result	Unit	Standard Values as per MPCB Consent	Analysis Method
Chemical Testing- 1,2,3, Atmospheric Pollution (Stack Emission)					
1.	Sulfur Dioxide (SO <sub>2</sub> )	6.32	ppm	Not to exceed 80 ppm	IS 11255 (Part 2) : 1985
2.	Total Particulate Matter (TPM)	65.15	mg/Nm <sup>3</sup>	Not to exceed 150 mg/Nm <sup>3</sup>	IS 11255 (Part 1) : 1985
3.	Oxides of Nitrogen (NO <sub>x</sub> )	2.69	ppm	Not to exceed 80 ppm	IS 11255 (Part 7) : 2005

Remark (If Any): The above parameters are within MPCB limits.

Sr. No.	Instrument ID	Make	Calibration Status
01.	RI/INS/STK/C-80	Asha Enviro	Valid Up to 05/07/2022

BDL = Below Detection Limit, DL = Detection Limit

### Terms & Conditions:

- The above results are only valid for the sample tested.
- The certificate is valid for 30 days from the date of issue.
- The client must ensure that the sample is properly preserved and stored as per the instructions of the laboratory.
- The sample will be destroyed after 30 days from the date of issue of the report for portable & non-portable tests respectively.
- The above test report is not valid if the product, process, service, management system or personnel are not approved by BDL.
- The client must ensure that the sample and the client's details are in place or not at the time of testing and shall be in the company's control until the client is satisfied with the results.
- AGMARK & CC recognition valid till 31/03/2024.

Reviewed By

Kshitij Tamhane (TM Env.)  
Authorized Signatory

Authorized By

Raju Ghule (LMR)  
Authorized SignatoryPage 1 Of 1  
END OF REPORT





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Registered Laboratory for Soil testing under Agriculture Department, Maharashtra State.



## TEST REPORT

RL-R20-01C

Report No.: RL/TR/2022-2023/04-138

Issue Date: 07/05/2022

Name of Customer: M/S. BHAGYALAXMI ROLLING MILL PVT. LTD

Address of Customer:

Plot No. G-7, G-8, G-9, G-7 Part, G10-1, G10-2 Add. MIDC, Phase-II, Jalna.

Mobile: 9970400119

GSTIN- 27AADCB0390C1Z5

Sampling Plan Reference No.: 03/04

Date & Time of Sampling: 27<sup>th</sup> April 2022, 03.15 PM

Codification No. RLC-136

STACK DETAILS:

Stack ID 3

Stack Height 30 Meters

Stack Fuel -

Sample Received On: 30/04/2022

Analysis Start On: 30/04/2022

### SAMPLE REFERENCE

Sample Type Stack Emission Monitoring

Your Reference Verbal

Reference Date -

Sample ID -

Sample Location Furnace Stack - 3

Latitude -

Longitude -

Sample Collected By RAJAS LABORATORIES

Stack Material MS

Fuel Consumption

Flue Gas Temperature 61.9°C

Flue Gas Velocity 3.5 m/s

Completion of Analysis: 07/05/2022

Sr. No.	Parameters	Result	Unit	Standard Values as per MPCB Consent	Analysis Method
Chemical Testing- 1,2,3, Atmospheric Pollution (Stack Emission)					
1.	Sulfur Dioxide (SO <sub>2</sub> )	2.18	ppm	Not to exceed 80 ppm	IS 11255 (Part 2) : 1985
2.	Total Particulate Matter (TPM)	55.23	mg/Nm <sup>3</sup>	Not to exceed 150 mg/Nm <sup>3</sup>	IS 11255 (Part 1) : 1985
3.	Oxides of Nitrogen (NOx)	1.07	ppm	Not to exceed 80 ppm	IS 11255 (Part 7) : 2005

Remark (If Any): The above parameters are within MPCB limits

Sr. No.	Instrument ID	Make	Calibration Status
01.	RL/INS/STK/C-80	Asha Enviro	Valid Up to 05/07/2022

BDL = Below Detection Limit, DL = Detection Limit

### Terms & Conditions:

- The above results pertain only to the sample tested.
- The certificate is valid in part shall not be used for advertising or legal action.
- Test Report cannot be re-produced except in full, without the written permission from the Laboratory.
- The sample will be destroyed after 5 days of receipt from the date of issue of test report for portable & non-portable items respectively.
- The above test/protocol to be applied for the product, process, services, management and system as per the approval by NABL.
- A fee is established between the company and the client at the time the order is placed or contract is signed and shall be for the company's standard rate (which are subject to change) and all applicable taxes shall be payable by the client.
- ISO 9001:2015 registration no. 15102204.

Reviewed By

Kshitij Tambane (TM Env.)  
Authorized Signatory

Authorized By

Raju Ghude (LMR)  
Authorized SignatoryPage 1 Of 1  
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Registered Laboratory for Soil testing under Agriculture Department, Maharashtra State.



## TEST REPORT

RL-R20-01C

Report No.: RL/TR/2022-2023/04-139

Issue Date: 07/05/2022

Name of Customer: M/S. BHAGYALAXMI ROLLING MILL PVT. LTD		SAMPLE REFERENCE	
Address of Customer: Plot No. G-7, G-8, G-9, G-7 Part, G10-1, G10-2 Add. MIDC, Phase-II, Jalna. Mobile- 9970400119 GSTIN- 27AADCB0390C175		Sample Type	Stack Emission Monitoring
Sampling Plan Reference No.: 03/04		Your Reference	Verbal
Date & Time of Sampling: 27 <sup>th</sup> April 2022, 04.30 PM		Reference Date	-
Codification No: RLC-137		Sample ID	-
STACK DETAILS:		Sample Location	Reheating Stack - 4
Stack ID	4	Latitude	-
Stack Height	30 Meters	Longitude	-
Stack Fuel	-	Sample Collected By	RAJAS LABORATORIES
Sample Received On: 30/04/2022	Analysis Start On: 30/04/2022	Stack Material	MS
		Fuel Consumption	
		Flue Gas Temperature	64.7°C
		Flue Gas Velocity	3.8 m/s
		Completion of Analysis:	07/05/2022

Sr. No.	Parameters	Result	Unit	Standard Values as per MPCB Consent	Analysis Method
Chemical Testing- 1,2,3. Atmospheric Pollution (Stack Emission)					
1.	Sulfur Dioxide (SO <sub>2</sub> )	12.21	ppm	Not to exceed 80 ppm	IS 11255 (Part 2) : 1985
2.	Total Particulate Matter (TPM)	68.55	mg/Nm <sup>3</sup>	Not to exceed 150 mg/Nm <sup>3</sup>	IS 11255 (Part 1) : 1985
3.	Oxides of Nitrogen (NO <sub>x</sub> )	8.26	ppm	Not to exceed 80 ppm	IS 11255 (Part 7) : 2005

Remark (If Any): The above parameters are within MPCB limits.

Sr. No.	Instrument ID	Make	Calibration Status
01.	RL/INS/STK/C-80	Asha Enviro	Valid Up to 05/07/2022

BDL = Below Detection Limit, DL = Detection Limit

### Terms & Conditions:

- The above results are valid only for the sample tested.
- This certificate is valid only for the purpose of record for evidencing or legal action.
- Test Report cannot be reproduced except in full without the written permission from the Laboratory.
- The sample will be destroyed after 5 days & 1 month from the date of issue of test report for particulate & nitrogen dioxide respectively.
- The above mentioned product is a sample for the product, process, service, management and system or sector as approved by NABL.
- Fees not established between the company and the client at the time the order is placed or contract is negotiated shall be on the company's standard rate. Wherever subject to change and all applicable fees shall be payable by the client.
- NABL & ISO registration valid till 15/01/2024

Reviewed By

Kshitij Tamhane (TM Env.)  
Authorized Signatory

Authorised By

Raju Ghole (LMR)  
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## TEST REPORT

RL-R20-01D

Report No.: RL/TR/2022-2023/04-140	Issue Date: 07/05/2022
Name of Customer: M/S. BHAGYALAXMI ROLLING MILL PVT. LTD	<b>SAMPLE REFERENCE</b>
Address of Customer: Plot No. G-7, G-8, G-9, G-7 Part, G10-1, G10-2 Add. MIDC, Phase-II, Jalna, Mobile- 9970400119 GSTIN- 27AADCB0390C1Z5	Sample Type: Ambient noise level monitoring
	Codification No: RLC-138
	Year Reference: Verbal
	Reference Date: -
	Sample ID: -
	Sample Location: -
Sampling Plan Reference No.: 03/04	Latitude: -
Date & Time of Sampling: 27 <sup>th</sup> to 28 <sup>th</sup> April 2022, 11.45 AM	Longitude: -
Sample Collected By: RAJAS LABORATORIES	
Sample Received On: 30/04/2022	Analysis Start On: 30/04/2022
	Completion of Analysis: 07/05/2022

Sr. No.	Parameters	Result	Unit	Standard Values as per general CPCB guidelines	Analysis Method
Chemical Testing- 1,2,3. Atmospheric Pollution (Ambient Noise Levels -Excluding vibration)					
DAY					CPCB's Protocol for Ambient Noise Level Monitoring 2015
1.	Main Gate	67.3	dB(A)	75	
2.	Parking Area	68.4			
3.	Admin Office	66.7			
NIGHT					
1.	Main Gate	48.5	dB(A)	70	
2.	Parking Area	49.6			
3.	Admin Office	47.7			

Remark (If Any): Above readings conforms to standard values as per CPCB guidelines.

Sr. No.	Instrument ID	Make	Calibration Status
01.	RL/TNS/NM/C-77	HTC SL-1350	Valid Up to 05/07/2022

### Terms & Conditions:

- The above results pertain only to the sample tested.
- The certificate in full or in part shall not be used for advertising or legal action.
- Test Report cannot be reproduced except in full, without the written permission from the Laboratory.
- The sample will be destroyed after 5 days of receipt from the date of issue of test report for perusal. It is not possible to re-analyse.
- The above stated product is not intended to be used for any purpose other than that for which it is intended. The user is responsible for its proper use.
- There are no warranties, express or implied, for the use of the product at the time the order is placed or contract is signed shall be at the customer's sole risk and all applicable laws shall be payable by the client.
- MoEF & CC registration valid till 13/01/2024

Reviewed By

Kshitij Tamhane (TM Env.)  
Authorized SignatoryPage 1 Of 1  
END OF REPORT

Authorized By

Raju Ghule (LMR)  
Authorized Signatory





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## TEST REPORT

RL-R20-01D

Report No.: RL/TR/2022-2023/04-141

Issue Date: 07/05/2022

Name of Customer: M/S. BHAGYALAXMI ROLLING MILL PVT. LTD

### SAMPLE REFERENCE

Address of Customer:

Plot No. G-7, G-8, G-9, G-7 Part, G10-1, G10-2 Add. MIDC, Phase-II, Jalna

Mobile- 9970400119

GSTIN- 27AADCB0390C1Z5

Sample Type

Work place noise monitoring

Codification No

RLC-139

Your Reference

Verbal

Reference Date

-

Sample ID

-

Sampling Plan Reference No.: 03/04

Latitude

-

Date & Time of Sampling: 27<sup>th</sup> April 2022, 02:40 PM

Longitude

-

Sample Collected By: RAJAS LABORATORIES

Sample Received On: 30/04/2022

Analysis Start On: 30/04/2022

Completion of Analysis: 07/05/2022

Sr. No.	Parameters	Result	Unit	Standard Values as per general CPCB guidelines	Analysis Method
Chemical Testing- 1,2,3, Atmospheric Pollution (Ambient Noise Levels -Excluding vibration)					
1.	Furnace Shed	66.4	dB(A)	90	RL-SOP-C-34, Ver.001, Issue Date 01 April:2022
2.	Casting Area	67.1			
3.	Raw Material Handling Unit	68.2			

Remark (If Any):

Sr. No.	Instrument ID	Make	Calibration Status
01.	RL/INS/NM/C-77	HTC SL-1350	Valid Up to 05/07/2022

### Terms & Conditions:

- The above results pertain only to the sample tested.
- This certificate is full or in part shall not be used for advertising or legal action.
- This Report cannot be reproduced and cannot be full, without the permission from the laboratory.
- The sample will be destroyed after 5 days & 1 month from the date of issue of test report for possible & sample should be kept separately.
- This above stated product may apply for the product, process, services, management and system or process is approved by NABL.
- Fees not established between the company and the client at the time the order is placed or contract is executed shall be for the company's standard rate. Which are subject to change and all applicable taxes shall be payable by the client.
- Valid till 30/06/2022

Reviewed By

Kshitij Tamhane (TM Env.)  
Authorized Signatory

Authorized By

Raju Ghole (LMR)  
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## TEST REPORT

RL-R20-01A

Report No.: RL/TR/2022-2023/04-142

Issue Date: 07/05/2022

Name of Customer: M/S. BHAGYALAXMI ROLLING MILL PVT. LTD

Address of Customer:

Plot No. G-7, G-8, G-9, G-7 Part, G10-1, G10-2 Add. MIDC, Phase-II, Airoli

Mobile: 9970400119

GSTIN: 27AADCH090C1Z5

### SAMPLE REFERENCE

Sample Name	Surface Water
Name of Sample	Colourless Clear Liquid
Brand Name	-
Batch No.	-
Sample Container	Plastic Container
Sample Quantity	Chemical-5 Liters
Mfg. Dt./Used By	-
Date of Sampling & Time	27/04/2022, 04:30 PM
Location of Sampling	Moti Pond
Environmental Condition	Stored at 2-8°C
Expiry Date	-
Mfg. By: -	

Sampling Method: RL-MSP-P38

Sampling Plan: 03/04

Unique Identification of the item: NA.

Codification No: RLC- 140 &amp; RL-M-49

Sample Collected By: RAJAS LABORATORIES

Sample Received On: 30/04/2022

Analysis Start On: 30/04/2022

Completion of Analysis: 07/05/2022

Sl. No.	Parameters	Results	Standard Values	Unit	Analysis Method
Chemical Testing- 1.2.42, Water (Surface Water)					
1.	Colour	BDL [DL=1]	-	Hzon	IS 3025 (Part 4):2012
2.	Temperature	25.0	-	°C	APHA 23 <sup>rd</sup> EDITION:2017
3.	pH at 25°C	7.62	-	-	IS 3025 (Part 11):1983 (Reaffirmed 2017)
4.	Calcium as Ca	43.24	-	mg/l	IS 3025 (Part 40):1991(Reaffirmed 2019)
5.	Magnesium as Mg	17.62	-	mg/l	APHA 23 <sup>rd</sup> EDITION:2017
6.	Chloride as Cl	46.00	-	mg/l	IS 3025 (Part 32): 1988 (Reaffirmed 2019)
7.	Total Alkalinity as CaCO <sub>3</sub>	184.82	-	mg/l	IS 3025 (Part 25): 1986 (Reaffirmed -2019)
8.	Total Dissolved Solid at 180°C	305.00	-	mg/l	IS 3025 (Part 16): 1984 (Reaffirmed 2017)
9.	Total Hardness as CaCO <sub>3</sub>	180.00	-	mg/l	IS 3025 (Part 21): 2009 (Reaffirmed 2019)
10.	Turbidity	2.2	-	NTU	IS 3025 (Part 19): 1984 (Reaffirmed 2017)
11.	Electrical Conductivity at 25°C	215.00	-	µS/cm	IS 3025 (Part 14):1984 (Reaffirmed 2019)
12.	Fluoride (as F)	BDL [DL=0.1]	-	mg/l	IS 3025 (Part 60): 2008
13.	Sulphate (as SO <sub>4</sub> )	45.08	-	mg/l	IS 3025 (Part 24):1986 (Reaffirmed 2009)
14.	Ammonia (as NH <sub>3</sub> )	BDL [DL=0.1]	-	mg/l	APHA 23 <sup>rd</sup> EDITION:2017 4500-NH <sub>3</sub> C
15.	Nitrate (as NO <sub>3</sub> )	1.20	-	mg/l	IS 3025 (Part 34):1988 (Reaffirmed 2019)
16.	Nitrite (as NO <sub>2</sub> )	BDL [DL=1]	-	mg/l	IS 3025 (Part 34): 1988 (Reaffirmed 2019)
17.	Phosphate (as PO <sub>4</sub> )	1.66	-	mg/l	IS 3025 (Part 31):1988 (Reaffirmed 2021)
18.	Dissolved Oxygen	7.80	-	mg/l	APHA 23 <sup>rd</sup> EDITION:2017
19.	Calcium Hardness	186.00	-	mg/l	IS 3025 (Part 40):1991(Reaffirmed 2019)
20.	Phenolphthalein Alkalinity	BDL [DL=5]	-	mg/l	IS 3025 (Part 23): 1986 (Reaffirmed -2019)
21.	Sodium (as Na)	45.58	-	mg/l	IS 3025 (Part 45): 1993 (Reaffirmed -2019)
22.	Potassium (as K)	7.15	-	mg/l	IS 3025 (Part 45): 1993 (Reaffirmed -2019)
23.	Chemical Oxygen Demand (COD)	26.00	-	mg/l	IS 3025 (Part 58) (Reaffirmed -2017)
24.	Biochemical Oxygen Demand (BOD <sub>5</sub> )	8.00	-	mg/l	IS 3025 (Part 44) (Reaffirmed -2019)
Biological Testing- 1.1.28, Water (Surface Water)					
1.	Total coliform	1500	-	MPN/100ml	IS 1622-1981 (Reaffirmed-2019)
2.	Faecal coliform	1500	-	MPN/100ml	IS 1622-1981 (Reaffirmed-2019)
3.	E. coli	Present	-	MPN/100ml	IS 1622-1981 (Reaffirmed-2019)

Remark (If Any):

Terms &amp; Conditions:

- The client must provide reference for any test.
- The reference shall be provided as per the standard for reference.
- The report shall be provided only after the test results are confirmed by the client.
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Reviewed By

Lomate (TM Chem) &amp; Pawar (TM Micro)

Authorized Signatory



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END OF REPORT

Authorized By

Raju Ghule (LMR)

Authorized Signatory





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Registered Laboratory for Soil testing under Agriculture Department, Maharashtra State.



## TEST REPORT

RL-R20-01A

Report No.: RL/TR/2022-2023/04-143

Issue Date: 07/05/2022

Name of Customer: M/S. BHAGYALAXMI ROLLING MILL PVT. LTD  
Address of Customer:  
Plot No. G-7, G-8, G-9, G-7 Part, G10-1, G10-2 Adj. MIDC, Phase-II, Jalna.  
Mobile: 9978400119  
GSTIN: 27AADCB090C1Z5

### SAMPLE REFERENCE

Sample Name	Ground Water
Nature of Sample	Colourless Clear Liquid
Brand Name	-
Batch No.	-
Sample Container	Plastic Container
Sample Quantity	Chemical-5 Litres
Mfg. ID/Used By	-
Date of Sampling & Time	27/04/2022, 05:20 PM
Location of Sampling	Daregaon Village
Environmental Condition	Stored at 2-8°C
Expiry Date	-
Mfg. By: -	-

Sampling Method: RL-MSIP-PHS

Sampling Place: 03/04

Unique Identification of the item: NA

Certification No: RLC-141 &amp; RLM-44

Sample Collected By: RAJAS LABORATORIES

Sample Received On: 30/04/2022

Analysis Start On: 30/04/2022

Completion of Analysis: 07/05/2022

Sr. No.	Parameters	Results	Standard Values	Unit	Analysis Method
<b>Chemical Testing- 1.2.42. Water (Ground Water)</b>					
1.	Colour	BDL [DL-1]	-	Hazen	IS 3025(Part 4): 2021
2.	Temperature	27.0	-	°C	APHA 23 <sup>rd</sup> EDITION:2017
3.	pH at 25°C	7.85	-	-	IS 3025 (Part 11):1983 (Reaffirmed 2017)
4.	Calcium as Ca	78.33	-	mg/l	IS 3025 (Part 40):1991(Reaffirmed 2019)
5.	Magnesium as Mg	29.37	-	mg/l	APHA 23 <sup>rd</sup> EDITION:2017
6.	Chloride as Cl	105.00	-	mg/l	IS 3025 (Part 32): 1988 (Reaffirmed 2019)
7.	Total Alkalinity as CaCO <sub>3</sub>	169.77	-	mg/l	IS 3025 (Part 33): 1986 (Reaffirmed -2019)
8.	Total Dissolved Solid at 180°C	290.00	-	mg/l	IS 3025 (Part 16): 1984 (Reaffirmed 2017)
9.	Total Hardness as CaCO <sub>3</sub>	318.25	-	mg/l	IS 3025 (Part 21): 2009 (Reaffirmed 2019)
10.	Turbidity	2.10	-	NTU	IS 3025 (Part 10): 1984 (Reaffirmed 2017)
11.	Electrical Conductivity at 25°C	341.00	-	µS/cm	IS 3025 (Part 14):1984 (Reaffirmed 2019)
12.	Fluoride (as F)	BDL [DL-0.1]	-	mg/l	IS 3025(Part 60): 2008
13.	Sulphate (as SO <sub>4</sub> )	31.00	-	mg/l	IS 3025(Part 24): 1986 (Reaffirmed 2009)
14.	Ammonia (as NH <sub>3</sub> )	BDL [DL-0.1]	-	mg/l	APHA 23 <sup>rd</sup> EDITION: 2017 4500-NH <sub>3</sub> C
15.	Nitrate (as NO <sub>3</sub> )	1.24	-	mg/l	IS 3025(Part 34):1988 (Reaffirmed 2019)
16.	Nitrite (as NO <sub>2</sub> )	BDL [DL-0.1]	-	mg/l	IS 3025(Part 34):1988 (Reaffirmed 2019)
17.	Phosphate (as PO <sub>4</sub> )	2.13	-	mg/l	IS 3025(Part 31):1988 (Reaffirmed 2021)
18.	Dissolved Oxygen	1.47	-	mg/l	APHA 23 <sup>rd</sup> EDITION:2017
19.	Calcium Hardness	192.00	-	mg/l	IS 3025 (Part 40):1991(Reaffirmed 2019)
20.	Phosphoric Acid Alkalinity	BDL [DL-5]	-	mg/l	IS 3025 (Part 23): 1986 (Reaffirmed -2019)
21.	Sodium (as Na)	102.55	-	mg/l	IS 3025 (Part 45): 1993 (Reaffirmed -2019)
22.	Potassium (as K)	23.82	-	mg/l	IS 3025 (Part 45): 1993 (Reaffirmed -2019)
23.	Chemical Oxygen Demand (COD)	21.80	-	mg/l	IS 3025 (Part 58): (Reaffirmed - 2017)
24.	Biochemical Oxygen Demand (BOD)	5.40	-	mg/l	IS 3025 (Part 44) (Reaffirmed - 2019)
<b>Biological Testing- 1.1.28. Water (Ground Water)</b>					
1.	Total coliform	1600	-	MPN/100ml	IS 1622-1981 (Reaffirmed-2019)
2.	Faecal coliform	280	-	MPN/100ml	IS 1622-1981 (Reaffirmed-2019)
3.	E. coli	Absent	-	MPN/100ml	IS 1622-1981 (Reaffirmed-2019)

Remark (If Any):

### Terms & Conditions:

1. The laboratory is not responsible for the results of the test.
2. The laboratory is not responsible for the results of the test if the sample is not properly labeled or if the sample is not properly stored.
3. The laboratory is not responsible for the results of the test if the sample is not properly stored or if the sample is not properly labeled.
4. The laboratory is not responsible for the results of the test if the sample is not properly stored or if the sample is not properly labeled.
5. The laboratory is not responsible for the results of the test if the sample is not properly stored or if the sample is not properly labeled.
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8. The laboratory is not responsible for the results of the test if the sample is not properly stored or if the sample is not properly labeled.
9. The laboratory is not responsible for the results of the test if the sample is not properly stored or if the sample is not properly labeled.
10. The laboratory is not responsible for the results of the test if the sample is not properly stored or if the sample is not properly labeled.

Reviewed By

Lomate (TM Chem) &amp; Pawar (TM Micro)

Authorized Signatory



Authorized By

Raju Ghule (LMR)

Authorized Signatory

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## TEST REPORT

RL-R20-01B

Report No.: RL/TR/2022/05-46

Issue Date: 08/06/2022

Name of Customer: M/S. BHAGYALAXMI ROLLING MILL PVT. LTD

**SAMPLE REFERENCE****Address of Customer:**

Plot No. G-7, G-8, G-9, G-7 Part, G10-1, G10-2 Add. MIDC, Phase-II, Jalna.

Mobile- 9970400119

GSTIN- 27AADCB0390C1Z5

Sampling Plan Reference No.: 01/05

Date & Time of Sampling: 30<sup>th</sup> to 31<sup>st</sup> May 2022, 10:00 AM

Codification No: RLC-43

**ENVIRONMENTAL CONDITIONS:**

Min. Temperature

30°C

Max. Temperature

39°C

Sample Received On: 31/05/2022

Analysis Start On: 31/05/2022

Min. Rel. Humidity

25.0%

Max. Rel. Humidity

42.0%

Completion of Analysis: 08/06/2022

Sr. No.	Parameters	Result	Unit	Standard Values as per NAAQMS	Analysis Method
<b>Chemical Testing- 1.2.3. Atmospheric Pollution (Ambient Air)</b>					
1.	Sulfur Dioxide (SO <sub>2</sub> )	18.84	µg/m <sup>3</sup>	80	IS 5182 (Part 2):2001
2.	Oxides of Nitrogen (NO <sub>x</sub> )	35.26	µg/m <sup>3</sup>	80	IS 5182 (Part 6):2006
3.	Particulate Matter 10 (µ) (PM 10)	93.21	µg/m <sup>3</sup>	100	IS 5182 (Part 23):2006
4.	Particulate Matter 2.5 (µ) (PM 2.5)	40.52	µg/m <sup>3</sup>	60	CPCB Guidelines: NAAQMS/36/2012-13
5.	Ozone (O <sub>3</sub> )	10.15	µg/m <sup>3</sup>	100	IS 5182 (Part 9):1974
6.	Ammonia (NH <sub>3</sub> )	34.66	µg/m <sup>3</sup>	400	CPCB Guidelines: NAAQMS/36/2012-13
7.	Benzene (C <sub>6</sub> H <sub>6</sub> )	BDL [DL = 0.1]	µg/m <sup>3</sup>	5	IS 5182 (Part 11):2006
8.	Benzo-a-pyrene (BaP)	BDL [DL = 0.5]	ng/m <sup>3</sup>	1	CPCB Guidelines: NAAQMS/36/2012-13
9.	Carbon Monoxide (CO)	1.88	mg/m <sup>3</sup>	4	IS 5182 (Part 10):1999
10.	Lead (Pb)	BDL [DL = 0.1]	µg/m <sup>3</sup>	1	IS 5182 (Part 22):2004
11.	Arsenic (As)	BDL [DL = 2]	ng/m <sup>3</sup>	6	CPCB Guidelines: NAAQMS/36/2012-13
12.	Nickel (Ni)	BDL [DL = 5]	ng/m <sup>3</sup>	20	CPCB Guidelines: NAAQMS/36/2012-13

BDL = Below Detection Limit, DL = Detection Limit

Remark (If Any): With respect to above parameters, sample conforms to the standard values as per NAAQMS.

Sr. No.	Instrument ID	Make	Calibration Status
01	RL/INS/RDS/C-73	Asha Enviro	Valid Up to 05/07/2022
02	RL/INS/FDS/C-76	Asha Enviro	Valid Up to 05/07/2022

**Terms & Conditions:**

- The above results pertain only to the sample(s) send.
- This certificate is valid for a part shall not be used for advertising or litigation.
- This Report cannot be reproduced except in full, without the written permission from the Laboratory.
- The sample will be stored upto 7 days & 1 month from the date of issue of test report for provided both commercial & then respectively.
- The above test method may imply that the product, process, services, management and system or person is approved by NABL.
- There is no established relationship between the company and the client at the time the order placed or contract is completed and the company's standard rate (which are subject to change) and/or additional charges shall be payable by the client.
- ISO 9001:2015 registration valid till 15/05/2024.

Reviewed By

Kshitij Tambhane (TM Env.)  
Authorized Signatory

Authorized By

Raju Ghule (LMR)  
Authorized SignatoryPage 1 Of 1  
END OF REPORT



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Registered Laboratory for Soil testing under Agriculture Department, Maharashtra State.



## TEST REPORT

RL-R20-01B

Report No.: RL/TR/2022/05-47

Issue Date: 08/06/2022

Name of Customer: M/S. BHAGYALAXMI ROLLING MILL PVT. LTD

Address of Customer:

Plot No. G-7, G-8, G-9, G-7 Part, G10-1, G10-2 Add. MIDC, Phase-II, Jalna.

Mobile- 9970400119

GSTIN- 27AADCB0390C1Z5

Sampling Plan Reference No.: 01/05

Date & Time of Sampling: 30<sup>th</sup> to 31<sup>st</sup> May 2022, 11:10 AM

Codification No: RLC-44

ENVIRONMENTAL CONDITIONS:

Min. Temperature 29°C

Max. Temperature 41°C

Sample Received On: 31/05/2022

Analysis Start On: 31/05/2022

SAMPLE REFERENCE

Sample Type Ambient air quality monitoring

Year Reference Verbal

Reference Date -

Sample ID -

Sample Location Furnace Shed

Latitude -

Longitude -

Sample Collected By RAJAS LABORATORIES

Min. Rel. Humidity 25.0%

Max. Rel. Humidity 35.0%

Completion of Analysis 08/06/2022

Sr. No.	Parameters	Result	Unit	Standard Values as per NAAQMS	Analysis Method
Chemical Testing- 1,2,3. Atmospheric Pollution (Ambient Air)					
1	Sulfur Dioxide (SO <sub>2</sub> )	17.09	µg/m <sup>3</sup>	80	IS 5182 (Part 2):2001
2	Oxides of Nitrogen (NO <sub>x</sub> )	33.98	µg/m <sup>3</sup>	80	IS 5182 (Part 6):2006
3	Particulate Matter 10 (µ) (PM 10)	91.85	µg/m <sup>3</sup>	100	IS 5182 (Part 23):2006
4	Particulate Matter 2.5 (µ) (PM 2.5)	39.11	µg/m <sup>3</sup>	60	CPCB Guidelines: NAAQMS/36/2012-13
5	Ozone (O <sub>3</sub> )	12.44	µg/m <sup>3</sup>	100	IS 5182 (Part 9):1974
6	Ammonia (NH <sub>3</sub> )	26.30	µg/m <sup>3</sup>	400	CPCB Guidelines: NAAQMS/36/2012-13
7	Benzene (C <sub>6</sub> H <sub>6</sub> )	BDL [DL = 0.1]	µg/m <sup>3</sup>	5	IS 5182 (Part 11):2006
8	Benzo-a-pyrene (BaP)	BDL [DL = 0.5]	ng/m <sup>3</sup>	1	CPCB Guidelines: NAAQMS/36/2012-13
9	Carbon Monoxide (CO)	1.02	mg/m <sup>3</sup>	4	IS 5182 (Part 10):1999
10	Lead (Pb)	BDL [DL = 0.1]	µg/m <sup>3</sup>	1	IS 5182 (Part 22):2004
11	Arsenic (As)	BDL [DL = 2]	ng/m <sup>3</sup>	6	CPCB Guidelines: NAAQMS/36/2012-13
12	Nickel (Ni)	BDL [DL = 5]	ng/m <sup>3</sup>	20	CPCB Guidelines: NAAQMS/36/2012-13

BDL = Below Detection Limit, DL = Detection Limit

Remark (If Any): With respect to above parameters, sample conforms to the standard values as per NAAQMS.

Sr. No.	Instrument ID	Make	Calibration Status
01	RL/INS/RDS/C-81	Asha Enviro	Valid Up to 05/07/2022
02	RL/INS/FDS/C-82	Asha Enviro	Valid Up to 05/07/2022

### Terms & Conditions:

- The above results pertain only to the sample tested.
- This certificate or full or in part shall not be used for advertising or legal action.
- Test Report cannot be reproduced except in full, without the written permission from the Laboratory.
- The sample will be destroyed after 3 days & 3 months from the date of issuance of report for periodicals & non-periodicals items respectively.
- The client/consent provided to any sample for the product, process, services, management and system or process is approved by NABL.
- Fee not established between the company and the client for the time the order is placed or contract is signed, shall be at the company's standard rate (which may subject to change) and all applicable work shall be payable by the client.
- MSD 2:00 (negative value) 15/01/2024

Reviewed By

Kshitij Tamhane (TM Env.)  
Authorized Signatory

Authorized By

Raja Ghule (LMR)  
Authorized SignatoryPage 1 Of 1  
END OF REPORT

Survey No. 19771, Plot No. 17-18, Shastinagar, Kedgaon, Ahmednagar - 414 005, Maharashtra, India.

Ph.: +91-0241-2550581, 2552581 E-mail: info@rajasgroup.com Website: www.rajasgroup.com





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Registered Laboratory for Soil testing under Agriculture Department, Maharashtra State.



## TEST REPORT

RL-R20-01B

Report No : RL/TR/2022/05-48

Issue Date: 08/06/2022

Name of Customer: M/S. BHAGYALAXMI ROLLING MILL. PVT. LTD

**SAMPLE REFERENCE****Address of Customer:**

Plot No. G-7, G-8, G-9, G-7 Part, G10-1, G10-2 Add. MIDC, Phase-II, Jalna

Mobile- 9970400119

GSTIN- 27AADCB0390C1Z5

Sampling Plan Reference No.: 01/05

Date & Time of Sampling: 30<sup>th</sup> to 31<sup>st</sup> May 2022, 11:30 AM

Codification No: RLC-45

**ENVIRONMENTAL CONDITIONS:**

Min. Temperature 32°C

Max. Temperature 41°C

Sample Received On: 31/05/2022

Analysis Start On: 31/05/2022

Sample Type

Ambient air quality monitoring

Your Reference

Verbal

Reference Date

-

Sample ID

-

Sample Location

Rolling Mill Shed

Latitude

-

Longitude

-

Sample Collected By

RAJAS LABORATORIES

Min. Rel. Humidity

22.0%

Max. Rel. Humidity

38.0%

Completion of Analysis: 08/06/2022

Sr. No.	Parameters	Result	Unit	Standard Values as per NAAQMS	Analysis Method
<b>Chemical Testing- 1.2.3. Atmospheric Pollution (Ambient Air)</b>					
1.	Sulfur Dioxide (SO <sub>2</sub> )	22.41	µg/m <sup>3</sup>	80	IS 5182 (Part 2):2001
2.	Oxides of Nitrogen (NO <sub>x</sub> )	39.32	µg/m <sup>3</sup>	80	IS 5182 (Part 6):2006
3.	Particulate Matter 10 (µ) (PM 10)	89.56	µg/m <sup>3</sup>	100	IS 5182 (Part 23):2006
4.	Particulate Matter 2.5 (µ) (PM 2.5)	41.88	µg/m <sup>3</sup>	60	CPCB Guidelines: NAAQMS/36/2012-13
5.	Ozone (O <sub>3</sub> )	10.12	µg/m <sup>3</sup>	100	IS 5182 (Part 9):1974
6.	Ammonia (NH <sub>3</sub> )	30.27	µg/m <sup>3</sup>	400	CPCB Guidelines: NAAQMS/36/2012-13
7.	Benzene (C <sub>6</sub> H <sub>6</sub> )	BDL [DL = 0.1]	µg/m <sup>3</sup>	5	IS 5182 (Part 11):2006
8.	Benzo-a-pyrene (BaP)	BDL [DL = 0.5]	ng/m <sup>3</sup>	1	CPCB Guidelines: NAAQMS/36/2012-13
9.	Carbon Monoxide (CO)	0.72	mg/m <sup>3</sup>	4	IS 5182 (Part 10):1999
10.	Lead (Pb)	BDL [DL = 0.1]	µg/m <sup>3</sup>	1	IS 5182 (Part 22):2004
11.	Arsenic (As)	BDL [DL = 2]	ng/m <sup>3</sup>	6	CPCB Guidelines: NAAQMS/36/2012-13
12.	Nickel (Ni)	BDL [DL = 5]	ng/m <sup>3</sup>	20	CPCB Guidelines: NAAQMS/36/2012-13

BDL = Below Detection Limit, DL = Detection Limit

Remark (If Any): With respect to above parameters, sample conforms to the standard values as per NAAQMS.

Sr. No.	Instrument ID	Make	Calibration Status
01.	RL/TNS/RDS/C-74	Asha Enviro	Valid Up to 05/07/2022
02.	RL/INS/FDS/C-75	Asha Enviro	Valid Up to 05/07/2022

**Terms & Conditions:**

- The above results pertain only to the sample tested.
- This certificate is valid only for the purpose stated and shall not be used for advertising or legal action.
- Test Report cannot be reproduced except in full, without the written permission from the Laboratory.
- The sample will be destroyed after 5 days & 1 month from the date of test report for particulate & oxygen analyzers respectively.
- The above noted protocol may apply to the product, process, services, or equipment and systems or person as approved by NABL.
- Free cost of delivery between the company and the client at the time the order is placed in contract is recognized shall be on the company's standard rate. (Wherever courier is charged) and all applicable taxes shall be payable by the client.
- MoEF & CC recognition valid till 15/01/2024

Reviewed By

Kshitij Tamhane (TM Env.)  
Authorized Signatory

Authorised By

Raju Ghule (LMR)  
Authorized Signatory





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## TEST REPORT

RI-R20-01C

Report No.: RL/TR/2022/05-49

Issue Date: 08/05/2022

Name of Customer: M/S. BHAGYALAXMI ROLLING MILL PVT. LTD

Address of Customer:

Plot No. G-7, G-8, G-9, G-7 Part, G10-1, G10-2 Add. MIDC, Phase-II, Jalna.

Mobile- 9970400119

GSTIN- 27AADCB0390C1Z5

Sampling Plan Reference No.: 01/05

Date & Time of Sampling: 30<sup>th</sup> May 2022, 12:00 PM

Codification No: RLC-46

STACK DETAILS:

Stack ID

1

Stack Height

30 Meters

Stack Fuel

-

Sample Received On: 31/05/2022

Analysis Start On: 31/05/2022

### SAMPLE REFERENCE

Sample Type

Stack Emission Monitoring

Your Reference

Verbal

Reference Date

-

Sample ID

-

Sample Location

Furnace Stack - 1

Latitude

-

Longitude

-

Sample Collected By

RAJAS LABORATORIES

Stack Material

MS

Fuel Consumption

-

Flue Gas Temperature

62.0°C

Flue Gas Velocity

4.4 m/s

Completion of Analysis: 08/06/2022

Sr. No.	Parameters	Result	Unit	Standard Values as per MPCB Consent	Analysis Method
Chemical Testing- 1,2,3. Atmospheric Pollution (Stack Emission)					
1.	Sulfur Dioxide (SO <sub>2</sub> )	8.33	ppm	Not to exceed 80 ppm	IS 11255 (Part 2) : 1985
2.	Total Particulate Matter (TPM)	93.22	mg/Nm <sup>3</sup>	Not to exceed 150 mg/Nm <sup>3</sup>	IS 11255 (Part 1) : 1985
3.	Oxides of Nitrogen (NO <sub>x</sub> )	5.74	ppm	Not to exceed 80 ppm	IS 11255 (Part 7) : 2005

Remark (If Any): The above parameters are within MPCB limits.

Sr. No.	Instrument ID	Make	Calibration Status
01.	RL/INS/STK/C-80	Asha Enviro	Valid Up to 05/07/2022

BDL = Below Detection Limit, DL = Detection Limit

### Terms & Conditions:

- The above results pertain only to the sample tested.
- This certificate is valid as long as it is not used for advertising or legal action.
- The Report issued hereon is subject to the terms and conditions of the Laboratory.
- The sample will be destroyed after 5 days & 1 month from the date of issue of test report for portable & non-portable analyzers respectively.
- The above issued report is valid only if the product, process, services, management and system as per the approval of ISO 9001.
- The report will be valid between the company and the client at the time the order is placed or without is regulated shall be at the company's standard rate (which is subject to change) of all applicable taxes and fees payable by the client.
- MoEF & CC recognition valid till 31/03/2024

Reviewed By

Kshitij Tamhane (TM Env.)  
Authorized SignatoryPage 1 Of 1  
END OF REPORT

Authorized By

Raju Ghule (LMR)  
Authorized Signatory



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Registered Laboratory for Soil testing under Agriculture Department, Maharashtra State.



## TEST REPORT

RI-R20-01C

Report No.: RL/TR/2022/05-50

Issue Date: 08/06/2022

Name of Customer: M/S. BHAGYALAXMI ROLLING MILL PVT. LTD

Address of Customer:

Plot No. G-7, G-8, G-9, G-7 Part, G10-1, G10-2 Add. MIDC, Phase-II, Jalna.

Mobile- 9970400119

GSTIN- 27AADCB0390C1Z5

Sampling Plan Reference No.: 01/05

Date & Time of Sampling: 30<sup>th</sup> May 2022, 02:30 PM

Codification No: RLC-47

STACK DETAILS:

Stack ID 2

Stack Height 30 Meters

Stack Fuel -

Sample Received On: 31/05/2022

Analysis Start On: 31/05/2022

### SAMPLE REFERENCE

Sample Type Stack Emission Monitoring

Your Reference Verbal

Reference Date -

Sample ID -

Sample Location Furnace Stack - 2

Latitude -

Longitude -

Sample Collected By RAJAS LABORATORIES

Stack Material MS

Fuel Consumption -

Flue Gas Temperature 61.3°C

Flue Gas Velocity 3.2 m/s

Completion of Analysis: 08/06/2022

Sr. No.	Parameters	Result	Unit	Standard Values as per MPCB Consent	Analysis Method
<b>Chemical Testing- 1.2.3. Atmospheric Pollution (Stack Emission)</b>					
1.	Sulfur Dioxide (SO <sub>2</sub> )	5.58	ppm	Not to exceed 80 ppm	IS 11255 (Part 2) : 1985
2.	Total Particulate Matter (TPM)	74.89	mg/Nm <sup>3</sup>	Not to exceed 150 mg/Nm <sup>3</sup>	IS 11255 (Part 1) : 1985
3.	Oxides of Nitrogen (NO <sub>x</sub> )	3.11	ppm	Not to exceed 80 ppm	IS 11255 (Part 7) : 2005

Remark (If Any): The above parameters are within MPCB limits

Sr. No.	Instrument ID	Make	Calibration Status
01.	RL/INS/STK/C-80	Asia Enviro	Valid Up to 05/07/2022

BDL - Below Detection Limit, DL - Detection Limit

### Terms & Conditions:

- The above results pertain only to the sample tested.
- This report is valid only for the purpose of the test and is not to be used for advertising or legal action.
- The report cannot be reproduced except in full, without the written permission from the Laboratory.
- The sample will be destroyed within 7 days of the date of test report, if possible & sample shall be preserved as per applicable laws.
- The above stated result is only a summary of the test results. For detailed results, please refer to the full report.
- The report is valid only for the purpose of the test and is not to be used for advertising or legal action.
- The report is valid only for the purpose of the test and is not to be used for advertising or legal action.

Reviewed By

Kshirij Tambane (TM Env.)  
Authorized Signatory

Authorized By

Raju Ghule (LMR)  
Authorized SignatoryPage 1 Of 1  
END OF REPORT





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Registered Laboratory for Soil testing under Agriculture Department, Maharashtra State.



## TEST REPORT

RL-R20-01C

Report No.: RL/TR/2022/05-51

Issue Date: 08/06/2022

Name of Customer: M/S. BHAGYALAXMI ROLLING MILL PVT. LTD

### SAMPLE REFERENCE

#### Address of Customer:

Plot No. G-7, G-8, G-9, G-7 Part, G10-1, G10-2 Add. MIDC, Phase-II, Jalna.

Mobile- 9970400119

GSTIN- 27AADCB0390C1Z5

Sampling Plan Reference No.: 01/05

Date & Time of Sampling: 30<sup>th</sup> May 2022, 4:00 PM

Codification No: RLC-48

#### STACK DETAILS:

Stack ID

3

Stack Height

30 Meters

Stack Fuel

-

Sample Received On: 31/05/2022

Analysis Start On: 31/05/2022

Sample Type

Stack Emission Monitoring

Your Reference

Verbal

Reference Date

-

Sample ID

-

Sample Location

Furnace Stack - 3

Latitude

-

Longitude

-

Sample Collected By

RAJAS LABORATORIES

Stack Material

MS

Fuel Consumption

-

Flue Gas Temperature

64.8°C

Flue Gas Velocity

3.7 m/s

Completion of Analysis: 08/06/2022

Sr. No.	Parameters	Result	Unit	Standard Values as per MPCB Consent	Analysis Method
Chemical Testing- 1,2,3, Atmospheric Pollution (Stack Emission)					
1	Sulfur Dioxide (SO <sub>2</sub> )	3.22	ppm	Not to exceed 80 ppm	IS 11255 (Part 2) : 1985
2	Total Particulate Matter (TPM)	61.85	mg/Nm <sup>3</sup>	Not to exceed 150 mg/Nm <sup>3</sup>	IS 11255 (Part 1) : 1985
3	Oxides of Nitrogen (NO <sub>x</sub> )	1.37	ppm	Not to exceed 80 ppm	IS 11255 (Part 7) : 2005

Remark (If Any): The above parameters are within MPCB limits.

Sr. No.	Instrument ID	Make	Calibration Status
01	RL/INS/STK/C-80	Asha Enviro	Valid Up to 05/07/2022

BDL = Below Detection Limit, DL = Detection Limit

#### Terms & Conditions:

- The above results pertain only to the sample(s) tested.
- This report is valid only for the purpose of reference and shall not be used for any legal action.
- This report cannot be reproduced except in full, without the written permission from the laboratory.
- The sample will be destroyed after 3 days & 1 month from the date of issue of test report for semi-chemical & complex stable tests respectively.
- The above stated procedure may vary to suit the product, process, sector, management and system of process as approved by MoEF.
- There is no established relationship between the company and the client at the time the order is placed or contract is negotiated shall remain the company's standard rate. Workload surge/low demand and all applicable charges shall be payable by the client.
- MoEF & CC registration valid till 12/01/2024

Reviewed By

Kshitij Tamhane (TM Env.)  
Authorized Signatory

Authorised By

Raju Ghule (LMR)  
Authorized SignatoryPage 1 Of 1  
END OF REPORT



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Registered Laboratory for Soil testing under Agriculture Department, Maharashtra State.



## TEST REPORT

RL-R20-01C

Report No.: RL/TR/2022/05-52

Issue Date: 08/06/2022

Name of Customer: M/S. BHAGYALAXMI ROLLING MILL PVT. LTD

### SAMPLE REFERENCE

#### Address of Customer:

Plot No. G-7, G-8, G-9, G-7 Part, G10-1, G10-2 Add. MIDC, Phase-II, Jalna

Mobile- 9970400119

GSTIN- 27AADCB0390C1Z5

Sampling Plan Reference No.: 01/05

Date & Time of Sampling: 31<sup>st</sup> May 2022, 10.15 AM

Codification No: RLC-49

#### STACK DETAILS:

Stack ID: 4

Stack Height: 30 Meters

Stack Fuel: -

Sample Received On: 31/05/2022

Analysis Start On: 31/05/2022

Sample Type: Stack Emission Monitoring

Your Reference: Verbal

Reference Date: -

Sample ID: -

Sample Location: Reheating Stack - 4

Latitude: -

Longitude: -

Sample Collected By: RAJAS LABORATORIES

Stack Material: MS

Fuel Consumption: -

Flue Gas Temperature: 62.5°C

Flue Gas Velocity: 3.1 m/s

Completion of Analysis: 08/06/2022

Sr. No.	Parameters	Result	Unit	Standard Values as per MPCB Consent	Analysis Method
<b>Chemical Testing- 1,2,3. Atmospheric Pollution (Stack Emission)</b>					
1.	Sulfur Dioxide (SO <sub>2</sub> )	9.65	ppm	Not to exceed 80 ppm	IS 11255 (Part 2) : 1985
2.	Total Particulate Matter (TPM)	79.23	mg/Nm <sup>3</sup>	Not to exceed 150 mg/Nm <sup>3</sup>	IS 11255 (Part 1) : 1985
3.	Oxides of Nitrogen (NO <sub>x</sub> )	5.11	ppm	Not to exceed 80 ppm	IS 11255 (Part 7) : 2005

Remark (If Any): The above parameters are within MPCB limits.

Sr. No.	Instrument ID	Make	Calibration Status
01.	RL/TNS/STK/C-80	Asha Enviro	Valid Up to 05/07/2022

BDL = Below Detection Limit, DL = Detection Limit

#### Terms & Conditions:

- The above results pertain only to the sample received.
- This certificate is valid only in part shall not be used for advertising or legal action.
- Test Report cannot be reproduced except in full, without the written permission of the Laboratory.
- The sample will be destroyed after 3 days & 3 months from the date of issuance of report for particular & sample will be kept respectively.
- The laboratory does not accept any liability for the precision, accuracy, management and system or process is approved by NABL.
- Any report established between the company and the client at the time the order is placed or contract is signed shall be the company's standard one (which are subject to change) and all applicable taxes shall be payable by the client.
- Staff & PG compliance valid till 15/01/2024

Reviewed By

Kshitij Tamhane (TM Env.)  
Authorized Signatory

Authorized By

Raju Ghule (LMR)  
Authorized SignatoryPage 1 Of 1  
END OF REPORT





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## TEST REPORT

RL-R20-01D

Report No.: RL/TR/2022/05-53

Issue Date: 08/06/2022

Name of Customer: M/S. BHAGYALAXMI ROLLING MILL PVT. LTD

### SAMPLE REFERENCE

#### Address of Customer:

Plot No. G-7, G-8, G-9, G-7 Part, G10-1, G10-2 Add. MIDC, Phase-II, Jalna.

Mobile- 9970400119

GSTIN- 27AADCB0390C1Z5

Sample Type Ambient noise level monitoring

Codification No RLC-50

Your Reference Verbal

Reference Date -

Sample ID -

Sample Location -

Sampling Plan Reference No.: 01/05

Latitude -

Date & Time of Sampling: 30<sup>th</sup> to 31<sup>st</sup> May 2022, 12.30 PM

Longitude -

Sample Collected By: RAJAS LABORATORIES

Sample Received On: 31/05/2022

Analysis Start On: 31/05/2022

Completion of Analysis: 08/06/2022

Sr. No.	Parameters	Result	Unit	Standard Values as per general CPCB guidelines	Analysis Method
Chemical Testing- 1.2.3. Atmospheric Pollution (Ambient Noise Levels -Excluding vibration)					
DAY					CPCB's Protocol for Ambient Noise Level Monitoring:2015
1.	Main Gate	70.2	dB(A)	75	
2.	Parking Area	62.8			
3.	Admin Office	60.1			
NIGHT					
1.	Main Gate	56.8	dB(A)	70	
2.	Parking Area	47.5			
3.	Admin Office	42.9			

Remark (If Any): Above readings conforms to standard values as per CPCB guidelines

Sr. No.	Instrument ID	Make	Calibration Status
01.	RL/INS/NM/C-77	HTC SL-1350	Valid Up to 05/07/2022

### Terms & Conditions:

- The above results pertain only to the sample tested.
- This certificate is full or in part shall not be used for advertising or legal action.
- This Report cannot be reproduced except in full, without the written permission from the Laboratory.
- The sample will be destroyed after 5 days of receipt from the date of issue of the report for products & samples with short shelf life.
- The above stated procedure may apply for the product, process, material, management and system or process approved by NABL.
- Dispute established between the company and the client at the time the order is placed or received is regulated shall be at the company's standard rate (70% of the original fee) and all applicable laws shall be provided by the client.
- MoEF & CC recognition valid till 31/01/2024

Reviewed By

Kshitij Tamhane (TM Env.)  
Authorized SignatoryPage 1 Of 1  
END OF REPORT

Authorised By

Raju Ghule (LMR)  
Authorized Signatory



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Registered Laboratory for Soil testing under Agriculture Department, Maharashtra State.



## TEST REPORT

RL-R20-01D

Report No.: RL/TR/2022/05-54

Issue Date: 08/06/2022

Name of Customer: M/S. BHAGYALAXMI ROLLING MILL PVT. LTD.

### SAMPLE REFERENCE

#### Address of Customer:

Plot No. G-7, G-8, G-9, G-7 Part, G10-1, G10-2 Add. MIDC, Phase-II, Jalna.

Mobile- 9970400119

GSTIN- 27AADCB0390C1Z5

Sample Type

Work place noise monitoring

Codification No

RLC-51

Year Reference

Verbal

Reference Date

-

Sample ID

-

Latitude

-

Longitude

-

Sampling Plan Reference No.: 01/05

Date & Time of Sampling: 30<sup>th</sup> May 2022, 03:30 PM

Sample Collected By: RAJAS LABORATORIES

Sample Received On: 31/05/2022

Analysis Start On: 31/05/2022

Completion of Analysis: 08/06/2022

Sr. No.	Parameters	Result	Unit	Standard Values as per general CPCB guidelines	Analysis Method
<b>Chemical Testing- 1.2.3. Atmospheric Pollution (Ambient Noise Levels -Excluding vibration)</b>					
1.	Furnace Shed	62.8	dB(A)	90	RL-SOP-C-34, Ver 001, Issue Date 01 April 2022
2.	Casting Area	66.3			
3.	Raw Material Handling Unit	62.5			

Remark (If Any):

Sr. No.	Instrument ID	Make	Calibration Status
01.	RL/INS/NM/C-77	HTC SL-1350	Valid Up to 05/07/2022

### Terms & Conditions:

- The above results pertain only to the sample tested.
- This certificate in full or in part shall not be used for advertising or legal action.
- This Report cannot be reproduced except in full, without the written permission from the Laboratory.
- This sample will be destroyed after it is analyzed. From the date of issue of the report for permanent & non-permanent items respectively.
- The above stated product is not a guarantee for the product, process, services, management and control or process is approved by NABL.
- For not established between the company and the client at the time the order is placed, as to what is required shall be of the company's standard rate (Which are subject to change) and all applicable taxes shall be payable by the client.
- Not to be used for recognition under ISO 9001:2015.

Reviewed By

Kshitij Tamhane (TM Env.)  
Authorized Signatory

Authorized By

Raju Ghule (JMR)  
Authorized SignatoryPage 1 Of 1  
END OF REPORT





AGMARK



# RAJAS LABORATORIES

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ISO 9001:2015, ISO 14001:2015, ISO 45001:2018 Certified

Registered Laboratory for Soil testing under Agriculture Department, Maharashtra State.



## TEST REPORT

RL-R20-01A

Report No.: RL/TR/2022/05-55

Issue Date: 08/06/2022

Name of Customer: M/S. BHAGYALAXMI ROLLING MILL PVT. LTD

Address of Customer:

Plot No. G-7, G-8, G-9, G-10 Part, G10-1, G10-2 Adj. MIDC, Phase-II, Ahera

Mobile- 9970400119

GSTIN- 27AAIXH0390CJZ5

### SAMPLE REFERENCE

Sample Name	Surface Water
Nature of Sample	Colourless Clear Liquid
Brand Name	-
Batch No.	-
Sample Container	Plastic Container
Sample Quantity	Chemical-5 Liters
Mfg. Dt./Used By	-
Date of Sampling & Time	31/05/2022, 11:00 AM
Location of Sampling	Moti Pond
Environmental Condition	Stored at 2-8°C
Expiry Date	-
Mfg. By:-	-

Sampling Method: RL-MSP-P38

Sampling Plan: 01/05

Unique Identification of the item: NA

Certification No: RLC-52 &amp; RLM-15

Sample Collected By: RAJAS LABORATORIES

Sample Received On: 31/05/2022

Analysis Start On: 31/05/2022

Completion of Analysis: 08/06/2022

Sr. No.	Parameters	Results	Standard Values	Unit	Analysis Method
<b>Chemical Testing- 1.2.42. Water (Surface Water)</b>					
1	Colour	BDL [DL=1]	-	Hazen	IS 3025(Part 4):2021
2	Temperature	28.5	-	°C	APHA 23 <sup>rd</sup> EDITION:2017
3	pH at 25°C	7.23	-	-	IS 3025 (Part 11): 1983 (Reaffirmed 2017)
4	Calcium as Ca	48.19	-	mg/l	IS 3025 (Part 40):1991(Reaffirmed 2019)
5	Magnesium as Mg	18.28	-	mg/l	APHA 23 <sup>rd</sup> EDITION:2017
6	Chloride as Cl	50.53	-	mg/l	IS 3025 (Part 32): 1988 (Reaffirmed 2019)
7	Total Alkalinity as CaCO <sub>3</sub>	193.62	-	mg/l	IS 3025 (Part 23): 1986 (Reaffirmed -2019)
8	Total Dissolved Solid at 180°C	412.00	-	mg/l	IS 3025 (Part 16): 1984 (Reaffirmed 2017)
9	Total Hardness as CaCO <sub>3</sub>	192.00	-	mg/l	IS 3025 (Part 21): 2009 (Reaffirmed 2019)
10	Turbidity	1.50	-	NTU	IS 3025 (Part 10): 1984 (Reaffirmed 2017)
11	Electrical Conductivity at 25°C	452.00	-	µS/cm	IS 3025 (Part 14): 1984 (Reaffirmed 2019)
12	Fluoride (as F)	BDL [DL=0.1]	-	mg/l	IS 3025(Part 60): 2008
13	Sulphate (as SO <sub>4</sub> )	59.12	-	mg/l	IS 3025(Part 24):1986 (Reaffirmed 2009)
14	Ammonia (as NH <sub>3</sub> )	BDL [DL=0.1]	-	mg/l	APHA 23 <sup>rd</sup> EDITION:2017 4500-NH <sub>3</sub> , C
15	Nitrate (as NO <sub>3</sub> )	1.45	-	mg/l	IS 3025(Part 34):1988 (Reaffirmed 2019)
16	Nitrite (as NO <sub>2</sub> )	BDL [DL=1]	-	mg/l	IS 3025(Part 34):1988 (Reaffirmed 2019)
17	Phosphate (as PO <sub>4</sub> )	1.89	-	mg/l	IS 3025(Part 31):1988 (Reaffirmed 2021)
18	Dissolved Oxygen	8.15	-	mg/l	APHA 23 <sup>rd</sup> EDITION:2017
19	Calcium Hardness	118.49	-	mg/l	IS 3025 (Part 40):1991(Reaffirmed 2019)
20	Phenolphthalein Alkalinity	HER, [DL=5]	-	mg/l	IS 3025 (Part 23): 1986 (Reaffirmed -2019)
21	Sodium (as Na)	76.26	-	mg/l	IS 3025 (Part 45): 1993 (Reaffirmed -2019)
22	Potassium (as K)	16.93	-	mg/l	IS 3025 (Part 45): 1993 (Reaffirmed -2019)
23	Chemical Oxygen Demand (COD)	30.00	-	mg/l	IS 3025 (Part 58):1988 (Reaffirmed -2017)
24	Biochemical Oxygen Demand (BOD)	9.00	-	mg/l	IS 3025 (Part 44): (Reaffirmed - 2019)
<b>Biological Testing- 1.1.28. Water (Surface Water)</b>					
1	Total coliform	1600	-	MPN/100ml	IS 1622-1981 (Reaffirmed-2019)
2	Faecal coliform	300	-	MPN/100ml	IS 1622-1981 (Reaffirmed-2019)
3	E. coli	Present	-	MPN/100ml	IS 1622-1981 (Reaffirmed-2019)

Remark (If Any):

### Terms & Conditions:

- The above results pertain only to the sample tested.
- The customer is liable to pay the fee for the analysis of the sample.
- The report is valid for 30 days from the date of issue of the report. For further details, please contact the laboratory.
- The sample will be destroyed after 30 days from the date of issue of the report. For further details, please contact the laboratory.
- The report is not valid for the purpose of legal proceedings. For further details, please contact the laboratory.
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- The report is not valid for the purpose of legal proceedings. For further details, please contact the laboratory.

Reviewed By

Lomate (TM Chem) &amp; Pawar (TM Micro)

Authorized Signatory



Authorized By

Rajesh Ghole (LMR)

Authorized Signatory





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ISO 9001:2015, ISO 14001:2015, ISO 45001:2018 Certified

Registered Laboratory for Soil testing under Agriculture Department, Maharashtra State.



## TEST REPORT

RL-R20-01A

Report No : RL/TR/202205-56

Issue Date: 08/06/2022

Name of Customer: **M/S. BHAGYALAXMI ROLLING MILL PVT. LTD**  
 Address of Customer:  
 Plot No. G-7, G-8, G-9, G-7 Part, G10-1, G10-2 Add: MIDC, Phase-II, Jalna.  
 Mobile: 9970409119  
 GSTIN: 27AAJCB03980125

**SAMPLE REFERENCE**  
 Sample Name: **Ground Water**  
 Nature of Sample: **Colourless Clear Liquid**  
 Brand Name: **-**  
 Batch No: **-**  
 Sample Container: **Plastic Container**  
 Sample Quantity: **Chemical-3 Liters**  
 Mfg. Dr./Used By: **-**  
 Date of Sampling & Time: **31/05/2022, 11:30 AM**  
 Location of Sampling: **Daregaon Village**  
 Environmental Condition: **Stored at 2-8°C**  
 Expiry Date: **-**  
 Mfg. By: **-**

Sampling Method: RL-MSP-P38

Sampling Plan: 01/05

Unique Identification of the Item: NA

Certification No: RLC-53 &amp; RLM-16

Sample Collected By: **RAJAS LABORATORIES**

Sample Received On: 31/05/2022

Analysis Start On: 31/05/2022

Completion of Analysis: 08/06/2022

Sr. No.	Parameters	Results	Standard Values	Unit	Analysis Method
<b>Chemical Testing- 1.2.42. Water (Ground Water)</b>					
1	Colour	BDL [DL=1]	-	Hazen	IS 3025(Part 4):2011
2	Temperature	26.0	-	°C	APHA 23 <sup>rd</sup> EDITION,2017
3	pH at 25°C	8.03	-	-	IS 3025 (Part 11):1983 (Reaffirmed 2017)
4	Calcium as Ca	85.63	-	mg/l	IS 3025 (Part 40):1991(Reaffirmed 2019)
5	Magnesium as Mg	11.22	-	mg/l	APHA 23 <sup>rd</sup> EDITION,2017
6	Chloride as Cl	116.00	-	mg/l	IS 3025 (Part 32): 1988 (Reaffirmed 2019)
7	Total Alkalinity as CaCO <sub>3</sub>	174.63	-	mg/l	IS 3025 (Part 23): 1986 (Reaffirmed -2019)
8	Total Dissolved Solid at 180°C	327.60	-	mg/l	IS 3025 (Part 16): 1984 (Reaffirmed 2017)
9	Total Hardness as CaCO <sub>3</sub>	298.46	-	mg/l	IS 3025 (Part 21): 2009 (Reaffirmed 2019)
10	Turbidity	1.82	-	NTU	IS 3025 (Part 10): 1984 (Reaffirmed 2017)
11	Electrical Conductivity at 25°C	298.00	-	µS/cm	IS 3025 (Part 14):1984 (Reaffirmed 2019)
12	Fluoride (as F)	BDL [DL=0.1]	-	mg/l	IS 3025(Part 60): 2008
13	Sulphate (as SO <sub>4</sub> )	45.60	-	mg/l	IS 3025(Part 24):1986 (Reaffirmed 2009)
14	Ammonia (as NH <sub>3</sub> )	BDL [DL=0.1]	-	mg/l	APHA 23 <sup>rd</sup> EDITION,2017 4500-NH <sub>3</sub> C
15	Nitrate (as NO <sub>3</sub> )	1.06	-	mg/l	IS 3025(Part 34):1988 (Reaffirmed 2019)
16	Nitrite (as NO <sub>2</sub> )	BDL [DL=1]	-	mg/l	IS 3025(Part 34):1988 (Reaffirmed 2019)
17	Phosphate (as PO <sub>4</sub> )	1.69	-	mg/l	IS 3025(Part 31): 1988 (Reaffirmed 2021)
18	Dissolved Oxygen	1.22	-	mg/l	APHA 23 <sup>rd</sup> EDITION,2017
19	Calcium Hardness	214.55	-	mg/l	IS 3025 (Part 40): 1991(Reaffirmed 2019)
20	Phenolphthalein Alkalinity	BDL [DL=5]	-	mg/l	IS 3025 (Part 23): 1986 (Reaffirmed -2019)
21	Sodium (as Na)	98.34	-	mg/l	IS 3025 (Part 45): 1993 (Reaffirmed -2019)
22	Potassium (as K)	15.31	-	mg/l	IS 3025 (Part 45): 1993 (Reaffirmed -2019)
23	Chemical Oxygen Demand (COD)	18.00	-	mg/l	IS 3025 (Part 58): (Reaffirmed - 2017)
24	Biochemical Oxygen Demand (BOD)	5.29	-	mg/l	IS 3025 (Part 44): (Reaffirmed - 2019)
<b>Biological Testing- 1.1.28. Water (Ground Water)</b>					
1.	Total coliform	1600	-	MPN/100ml	IS 1622-1981 (Reaffirmed-2019)
2.	Faecal coliform	34	-	MPN/100ml	IS 1622-1981 (Reaffirmed-2019)
3.	E. coli	Absent	-	MPN/100ml	IS 1622-1981 (Reaffirmed 2019)

Remark (If Any):

Terms &amp; Conditions:

- The above results pertain only to the sample tested.
- The report is valid for 30 days from the date of issue of the report for reference only.
- The report cannot be reproduced or used in any form without the written permission of the laboratory.
- The sample must be received within 7 days of the date of issue of the report for reference only.
- The laboratory is not responsible for the results of the test if the sample is not properly preserved or if the sample is not received within the specified time.
- The laboratory is not responsible for the results of the test if the sample is not properly preserved or if the sample is not received within the specified time.
- The laboratory is not responsible for the results of the test if the sample is not properly preserved or if the sample is not received within the specified time.

Reviewed By

*[Signature]*  
 Lomate (TM Chem) & Pawar (TM Micro)  
 Authorized Signatory



Authorized By

*[Signature]*  
 Raju Ghole (LMR)  
 Authorized Signatory

Page 1 Of 1  
END OF REPORT

Survey No. 187/1, Plot No. 17-18, Shastrinagar, Keshavnagar, Ahmednagar - 414 005, Maharashtra, India.

Ph.: +91- 0241-2500381, 2862681 E-mail: info@rajagroup.com Website: www.rajagroup.com





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ISO 9001:2015, ISO 14001:2015, ISO 45001:2018 Certified

Registered Laboratory for Soil testing under Agriculture Department, Maharashtra State.



## TEST REPORT

RL-R20-01B

Report No.: RL/TR/2022/06-54

Issue Date: 07/07/2022

Name of Customer: M/S. BHAGYALAXMI ROLLING MILL PVT. LTD

**SAMPLE REFERENCE**

Address of Customer:

Plot No. G-7, G-8, G-9, G-7 Part, G10-1, G10-2 Add. MIDC, Phase-II, Jalna.

Mobile- 9970400119

GSTIN- 27AADCB0390C1Z5

Sampling Plan Reference No.: 01/06

Date & Time of Sampling: 28<sup>th</sup> to 29<sup>th</sup> June 2022, 10:45 AM

Codification No: RL/C-50

**ENVIRONMENTAL CONDITIONS:**

Min. Temperature

28°C

Max. Temperature

32°C

Sample Received On: 30/06/2022

Analysis Start On: 30/06/2022

Sample Type

Ambient air quality monitoring

Your Reference

Verbal

Reference Date

-

Sample ID

-

Sample Location

Near Main Gate

Latitude

-

Longitude

-

Sample Collected By

RAJAS LABORATORIES

Min. Rel. Humidity

37.0%

Max. Rel. Humidity

59.0%

Completion of Analysis: 07/07/2022

Sr. No.	Parameters	Result	Unit	Standard Values as per NAAQMS	Analysis Method
<b>Chemical Testing- 1,2,3. Atmospheric Pollution (Ambient Air)</b>					
1.	Sulfur Dioxide (SO <sub>2</sub> )	16.31	µg/m <sup>3</sup>	80	IS 5182 (Part 2):2001
2.	Oxides of Nitrogen (NO <sub>x</sub> )	25.82	µg/m <sup>3</sup>	80	IS 5182 (Part 6):2006
3.	Particulate Matter 10 (µ) (PM 10)	89.55	µg/m <sup>3</sup>	100	IS 5182 (Part 23):2006
4.	Particulate Matter 2.5 (µ) (PM 2.5)	39.05	µg/m <sup>3</sup>	60	CPCB Guidelines: NAAQMS/36/2012-13
5.	Ozone (O <sub>3</sub> )	16.88	µg/m <sup>3</sup>	100	IS 5182 (Part 9):1974
6.	Ammonia (NH <sub>3</sub> )	29.43	µg/m <sup>3</sup>	400	CPCB Guidelines: NAAQMS/36/2012-13
7.	Benzene (C <sub>6</sub> H <sub>6</sub> )	BDL [DL = 0.1]	µg/m <sup>3</sup>	5	IS 5182 (Part 11):2006
8.	Benzo-a-pyrene (BaP)	BDL [DL = 0.5]	ng/m <sup>3</sup>	1	CPCB Guidelines: NAAQMS/36/2012-13
9.	Carbon Monoxide (CO)	1.27	mg/m <sup>3</sup>	4	IS 5182 (Part 10):1999
10.	Lead (Pb)	BDL [DL = 0.1]	µg/m <sup>3</sup>	1	IS 5182 (Part 22):2004
11.	Arsenic (As)	BDL [DL = 2]	ng/m <sup>3</sup>	6	CPCB Guidelines: NAAQMS/36/2012-13
12.	Nickel (Ni)	BDL [DL = 5]	ng/m <sup>3</sup>	20	CPCB Guidelines: NAAQMS/36/2012-13

BDL = Below Detection Limit, DL = Detection Limit

Remark (If Any): With respect to above parameters, sample conforms to the standard values as per NAAQMS.

Sr. No.	Instrument ID	Make	Calibration Status
01.	RL/INS/RDS/C-73	Asha Enviro	Valid Up to 05/07/2022
02.	RL/INS/FDS/C-76	Asha Enviro	Valid Up to 05/07/2022

**Terms & Conditions:**

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- This certificate is valid for 1 year from the date of issue for reference only.
- This Report cannot be reproduced except in full, without the written permission from the Laboratory.
- The sample will be destroyed after 7 days & 1 month from the date of issue of the report for particulate & nonparticulate parameters respectively.
- The above stated product is not to be used for the product, process, service, management system or person's approval (ISO).
- This report shall be valid between the company and the client. In the event of the order in place or contract is negotiated and, be at the company's standard rate. (Which are subject to change) and all applicable taxes shall be payable by the client.
- 34/55, 6/CC, Keshavnagar, Jalna-431004

Reviewed By

Kshitij Tamhane (TM Env.)  
Authorized Signatory

Authorized By

Raju Ghule (LMR)  
Authorized SignatoryPage 1 Of 1  
END OF REPORT



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Registered Laboratory for Soil testing under Agriculture Department, Maharashtra State.



## TEST REPORT

RL-R20-01B

Report No.: RL/TR/2022/06-55	Issue Date: 07/07/2022
Name of Customer: M/S. BHAGYALAXMI ROLLING MILL PVT. LTD	SAMPLE REFERENCE
Address of Customer: Plot No. G-7, G-8, G-9, G-7 Part, G10-1, G10-2 Add. MIDC, Phase-II, Jalna Mobile- 9970400119 GSTIN- 27AADCB0390C1Z5	Sample Type: Ambient air quality monitoring Your Reference: Verbal Reference Date: - Sample ID: -
Sampling Plan Reference No.: 01/06	Sample Location: Furnace Shed
Date & Time of Sampling: 28 <sup>th</sup> to 29 <sup>th</sup> June 2022, 11:30 AM	Latitude: -
Codification No: RLC-51	Longitude: -
ENVIRONMENTAL CONDITIONS:	Sample Collected By: RAJAS LABORATORIES
Min. Temperature: 27°C	Min. Rel. Humidity: 42.0%
Max. Temperature: 35°C	Max. Rel. Humidity: 68.0%
Sample Received On: 30/06/2022	Analysis Start On: 30/06/2022
	Completion of Analysis: 07/07/2022

Sr. No.	Parameters	Result	Unit	Standard Values as per NAAQMS	Analysis Method
Chemical Testing- 1.2.3. Atmospheric Pollution (Ambient Air)					
1.	Sulfur Dioxide (SO <sub>2</sub> )	19.55	µg/m <sup>3</sup>	80	IS 5182 (Part 2):2001
2.	Oxides of Nitrogen (NO <sub>x</sub> )	28.12	µg/m <sup>3</sup>	80	IS 5182 (Part 6):2006
3.	Particulate Matter 10 (µ) (PM 10)	76.29	µg/m <sup>3</sup>	100	IS 5182 (Part 23):2006
4.	Particulate Matter 2.5 (µ) (PM 2.5)	31.94	µg/m <sup>3</sup>	60	CPCB Guidelines: NAAQMS/36/2012-13
5.	Ozone (O <sub>3</sub> )	10.36	µg/m <sup>3</sup>	100	IS 5182 (Part 9):1974
6.	Ammonia (NH <sub>3</sub> )	21.19	µg/m <sup>3</sup>	400	CPCB Guidelines: NAAQMS/36/2012-13
7.	Benzene (C <sub>6</sub> H <sub>6</sub> )	BDL [DL = 0.1]	µg/m <sup>3</sup>	5	IS 5182 (Part 11):2006
8.	Benzo-a-pyrene (BaP)	BDL [DL = 0.5]	ng/m <sup>3</sup>	1	CPCB Guidelines: NAAQMS/36/2012-13
9.	Carbon Monoxide (CO)	0.97	mg/m <sup>3</sup>	4	IS 5182 (Part 10):1999
10.	Lead (Pb)	BDL [DL = 0.1]	µg/m <sup>3</sup>	1	IS 5182 (Part 22):2004
11.	Arsenic (As)	BDL [DL = 2]	ng/m <sup>3</sup>	6	CPCB Guidelines: NAAQMS/36/2012-13
12.	Nickel (Ni)	BDL [DL = 5]	ng/m <sup>3</sup>	20	CPCB Guidelines: NAAQMS/36/2012-13

BDL = Below Detection Limit, DL = Detection Limit

Remark (If Any): With respect to above parameters, sample conforms to the standard values as per NAAQMS.

Sr. No.	Instrument ID	Make	Calibration Status
01.	RL/INS/RDS/C-81	Asha Enviro	Valid Up to 05/07/2022
02.	RL/INS/FDS/C-82	Asha Enviro	Valid Up to 05/07/2022

### Terms & Conditions:

- The client must be present at the time of sample collection.
- This report is valid for 12 months from the date of issue and cannot be used for legal action.
- This report is valid for 12 months from the date of issue and cannot be used for legal action.
- The sample will be destroyed after 15 days & 1 month from the date of issue of test report for perishable & non-perishable items respectively.
- The client must be present at the time of sample collection and must sign the report as approved by NABL.
- The client must be present at the time of sample collection and must sign the report as approved by NABL.
- Method & CC recognition valid till 11/11/2024

Reviewed By

Kshiraj Tamhane (TM Enav.)  
Authorized Signatory

Authorized By

Raju Ghale (LMR)  
Authorized Signatory

Page 1 Of 1

END OF REPORT

Survey No. 1871, Plot No. 17-18, Shastri Nagar, Kergaon, Ahmednagar - 414 005, Maharashtra, India.

Ph.: +91- 0241-2550681, 2552881 E-mail: lab@rajasgroup.com Website: www.rajasgroup.com





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Recognized by AGMARK, MoEF &amp; CC Government of India.

ISO 9001:2015, ISO 14001:2015, ISO 45001:2018 Certified

Registered Laboratory for Soil testing under Agriculture Department, Maharashtra State.



## TEST REPORT

RL-R20-01B

Report No.: RL/TR/2022/06-56

Issue Date: 07/07/2022

Name of Customer: M/S. BHAGYALAXMI ROLLING MILL PVT. LTD

### SAMPLE REFERENCE

Address of Customer:

Plot No. G-7, G-8, G-9, G-7 Part, G10-1, G10-2 Add. MIDC, Phase-II, Jalna

Mobile- 9970400119

GSTIN- 27AADCB0390C1Z5

Sample Type: Ambient air quality monitoring

Your Reference: Verbal

Reference Date: -

Sample ID: -

Sampling Plan Reference No.: 01/06

Sample Location: Rolling Mill Shed

Date & Time of Sampling: 28<sup>th</sup> to 29<sup>th</sup> June 2022, 12.05 PM

Latitude: -

Codification No: RLC-52

Longitude: -

### ENVIRONMENTAL CONDITIONS:

Sample Collected By: RAJAS LABORATORIES

Min. Temperature: 27°C

Min. Rel. Humidity: 42.0%

Max. Temperature: 34°C

Max. Rel. Humidity: 68.0%

Sample Received On: 30/06/2022

Analysis Start On: 30/06/2022

Completion of Analysis: 07/07/2022

Sr. No.	Parameters	Result	Unit	Standard Values as per NAAQMS	Analysis Method
<b>Chemical Testing- 1,2,3. Atmospheric Pollution (Ambient Air)</b>					
1.	Sulfur Dioxide (SO <sub>2</sub> )	15.96	µg/m <sup>3</sup>	80	IS 5182 (Part 2):2001
2.	Oxides of Nitrogen (NO <sub>x</sub> )	28.55	µg/m <sup>3</sup>	80	IS 5182 (Part 6):2006
3.	Particulate Matter 10 (µ) (PM 10)	89.31	µg/m <sup>3</sup>	100	IS 5182 (Part 23):2006
4.	Particulate Matter 2.5 (µ) (PM 2.5)	33.63	µg/m <sup>3</sup>	60	CPCB Guidelines: NAAQMS/36/2012-13
5.	Ozone (O <sub>3</sub> )	14.57	µg/m <sup>3</sup>	100	IS 5182 (Part 9):1974
6.	Ammonia (NH <sub>3</sub> )	20.03	µg/m <sup>3</sup>	400	CPCB Guidelines: NAAQMS/36/2012-13
7.	Benzene (C <sub>6</sub> H <sub>6</sub> )	BDL [DL = 0.1]	µg/m <sup>3</sup>	5	IS 5182 (Part 11):2006
8.	Benzo-a-pyrene (BaP)	BDL [DL = 0.5]	ng/m <sup>3</sup>	1	CPCB Guidelines: NAAQMS/36/2012-13
9.	Carbon Monoxide (CO)	0.86	mg/m <sup>3</sup>	4	IS 5182 (Part 10):1999
10.	Lead (Pb)	BDL [DL = 0.1]	µg/m <sup>3</sup>	1	IS 5182 (Part 22):2004
11.	Arsenic (As)	BDL [DL = 2]	ng/m <sup>3</sup>	6	CPCB Guidelines: NAAQMS/36/2012-13
12.	Nickel (Ni)	BDL [DL = 5]	ng/m <sup>3</sup>	20	CPCB Guidelines: NAAQMS/36/2012-13

BDL = Below Detection Limit, DL = Detection Limit

Remark (If Any): With respect to above parameters, sample conforms to the standard values as per NAAQMS.

Sr. No.	Instrument ID	Make	Calibration Status
01.	RL/INS/RDS/C-74	Asha Enviro	Valid Up to 05/07/2022
02.	RL/INS/FDS/C-75	Asha Enviro	Valid Up to 05/07/2022

### Terms & Conditions:

- The above results pertain only to the sample tested.
- This certificate is valid for use as evidence of compliance with the relevant legislation.
- Any dispute over the results shall be referred to the relevant authority.
- The sample will be destroyed after 30 days from the date of issue of this report for possible re-analysis at the discretion of the laboratory.
- The above listed product is not intended to be used for the purpose of diagnosis, treatment, or prevention of any disease.
- It is not intended to be used for the purpose of diagnosis, treatment, or prevention of any disease.
- MoEF & CC recognition valid till 15/01/2024

Reviewed By

Kshitij Tamhane (TM Env.)

Authorized Signatory



Authorised By

Raju Ghule (LMR)

Authorized Signatory

Page 1 Of 1

END OF REPORT

Survey No. 187/1, Plot No. 17-18, Shastri Nagar, Kothrud, Ahmednagar - 414 005, Maharashtra, India.

Ph. : +91- 0241-2550581, 2550661 E-mail : lab@rajasgroup.com Website : www.rajasgroup.com



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## TEST REPORT

RL-R20-01C

Report No.: RL/TR/2022/06-58

Issue Date: 07/07/2022

Name of Customer: M/S. BHAGYALAXMI ROLLING MILL PVT. LTD.

### SAMPLE REFERENCE

#### Address of Customer:

Plot No. G-7, G-8, G-9, G-7 Part, G10-1, G10-2 Add. MIDC, Phase-II, Jalna.

Mobile- 9970400119

GSTIN- 27AADCB0390C1Z5

Sampling Plan Reference No.: 01/06

Date & Time of Sampling: 28<sup>th</sup> June 2022, 01:45 PM

Codification No: RLC-53

#### STACK DETAILS:

Stack ID: 1

Stack Height: 30 Meters

Stack Fuel: -

Sample Received On: 30/06/2022 Analysis Start On: 30/06/2022

Sample Type: Stack Emission Monitoring

Your Reference: Verbal

Reference Date: -

Sample ID: -

Sample Location: Furnace Stack - 1

Latitude: -

Longitude: -

Sample Collected By: RAJAS LABORATORIES

Stack Material: MS

Fuel Consumption: -

Flue Gas Temperature: 74.0°C

Flue Gas Velocity: 2.9 m/s

Completion of Analysis: 07/07/2022

Sr. No.	Parameters	Result	Unit	Standard Values as per MPCB Consent	Analysis Method
<b>Chemical Testing- 1.2.3. Atmospheric Pollution (Stack Emission)</b>					
1.	Sulfur Dioxide (SO <sub>2</sub> )	6.58	ppm	Not to exceed 80 ppm	IS 11255 (Part 2) : 1985
2.	Total Particulate Matter (TPM)	77.36	mg/Nm <sup>3</sup>	Not to exceed 150 mg/Nm <sup>3</sup>	IS 11255 (Part 1) : 1985
3.	Oxides of Nitrogen (NO <sub>x</sub> )	2.38	ppm	Not to exceed 80 ppm	IS 11255 (Part 7) : 2005

Remark (If Any): The above parameters are within MPCB limits.

Sr. No.	Instrument ID	Make	Calibration Status
01.	RL/INS/STK/C-80	Asha Enviro	Valid Up to 05/07/2022

BDL - Below Detection Limit, DL - Detection Limit

### Terms & Conditions:

- The above results pertain only to the sample tested.
- This certificate in full or in part shall not be used for advertising or litigation.
- Test Report cannot be reproduced except in full, without the written permission from the Laboratory.
- The sample will be destroyed after 5 days or 1 month from the date of issue of test report for particulate & trace pollutants from respective site.
- The above tested product may imply that the product, process, service, management and system of person is approved by NABL.
- Even not contained between the company and the client at the time the order is placed or contained in agreement shall be at the company's discretion and (P) is subject to change and all applicable laws shall be payable by the client.
- For TPA & CIP regulations visit [www.nabl.org](http://www.nabl.org)

Reviewed By

Kshitij Tanhane (TM Env.)  
Authorized SignatoryPage 1 Of 1  
END OF REPORT

Authorised By

Raju Ghule (LMR)  
Authorized Signatory





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## TEST REPORT

RL-R20-01C

Report No.: RL/TR/2022/06-59

Issue Date: 07/07/2022

Name of Customer: M/S. BHAGYALAXMI ROLLING MILL PVT. LTD

### SAMPLE REFERENCE

Address of Customer:  
Plot No. G-7, G-8, G-9, G-7 Part, G10-1, G10-2 Add. MIDC, Phase-II, Jalna.  
Mobile: 9970400119  
GSTIN- 27AADCB0390C1Z5Sample Type: Stack Emission Monitoring  
Your Reference: Verbal  
Reference Date: -  
Sample ID: -  
Sample Location: Furnace Stack - 2

Sampling Plan Reference No.: 01/36

Latitude: -

Date & Time of Sampling: 28<sup>th</sup> June 2022, 03.30 PM

Longitude: -

Codification No: RLC-54

Sample Collected By: RAJAS LABORATORIES

### STACK DETAILS:

Stack Material: MS

Stack ID: 2

Fuel Consumption: -

Stack Height: 30 Meters

Flue Gas Temperature: 75.8°C

Stack Fuel: -

Flue Gas Velocity: 3.9 m/s

Sample Received On: 30/06/2022

Analysis Start On: 30/06/2022

Completion of Analysis: 07/07/2022

Sr. No.	Parameters	Result	Unit	Standard Values as per MPCB Consent	Analysis Method
<b>Chemical Testing- 1,2,3. Atmospheric Pollution (Stack Emission)</b>					
1	Sulfur Dioxide (SO <sub>2</sub> )	8.91	ppm	Not to exceed 80 ppm	IS 11255 (Part 2) : 1985
2	Total Particulate Matter (TPM)	89.22	mg/Nm <sup>3</sup>	Not to exceed 150 mg/Nm <sup>3</sup>	IS 11255 (Part 1) : 1985
3.	Oxides of Nitrogen (NO <sub>x</sub> )	5.06	ppm	Not to exceed 80 ppm	IS 11255 (Part 7) : 2005

Remark (If Any): The above parameters are within MPCB limits.

Sr. No.	Instrument ID	Make	Calibration Status
01.	RL/INS/STK/C-80	Asha Enviro	Valid Up to 05/07/2022

BDL = Below Detection Limit, DL = Detection Limit

### Terms & Conditions:

- The client undertakes to retain only the sample used.
- This certificate is valid only for the purpose of reference and shall not be used for any other purpose.
- The client undertakes to provide all the necessary information and documents to the Laboratory.
- The sample will be analyzed within 1 day & 1 hour from the date of receipt of sample & the report will be provided to the client.
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Reviewed By

Kshitij Tamhane (TM Env.)  
Authorized Signatory

Authorized By

Raju Ghule (LMR)  
Authorized SignatoryPage 1 Of 1  
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Registered Laboratory for Soil testing under Agriculture Department, Maharashtra State.



## TEST REPORT

RL-R20-01C

Report No.: RL/TR/2022/06-60

Issue Date: 07/07/2022

Name of Customer: M/S. BHAGYALAXMI ROLLING MILL PVT. LTD.

### SAMPLE REFERENCE

#### Address of Customer:

Plot No. G-7, G-8, G-9, G-7 Part, G10-1, G10-2 Add. MIDC, Phase-II, Jalna.

Mobile- 9970400119

GSTIN- 27AADCB0390C1Z5

Sampling Plan Reference No.: 01/06

Date & Time of Sampling: 28<sup>th</sup> June 2022, 04.55 PM

Codification No: RLC-55

#### STACK DETAILS:

Stack ID: 3

Stack Height: 30 Meters

Stack Fuel: -

Sample Received On: 30/06/2022

Analysis Start On: 30/06/2022

Sample Type

Your Reference

Reference Date

Sample ID

Sample Location

Latitude

Longitude

Sample Collected By

Stack Material

Fuel Consumption

Flue Gas Temperature

Flue Gas Velocity

Completion of Analysis: 07/07/2022

Stack Emission Monitoring

Verbal

-

-

Furnace Stack - 3

-

-

RAJAS LABORATORIES

MS

Sr. No.	Parameters	Result	Unit	Standard Values as per MPCB Consent	Analysis Method
<b>Chemical Testing- 1.2.3. Atmospheric Pollution (Stack Emission)</b>					
1.	Sulfur Dioxide (SO <sub>2</sub> )	5.78	ppm	Not to exceed 80 ppm	IS 11255 (Part 2) : 1985
2.	Total Particulate Matter (TPM)	71.836	mg/Nm <sup>3</sup>	Not to exceed 150 mg/Nm <sup>3</sup>	IS 11255 (Part 1) : 1985
3.	Oxides of Nitrogen (NO <sub>x</sub> )	2.55	ppm	Not to exceed 80 ppm	IS 11255 (Part 7) : 2005

Remark (If Any): The above parameters are within MPCB limits.

Sr. No.	Instrument ID	Make	Calibration Status
01.	RL/INS/STK/C-80	Asha Enviro	Valid Up to 05/07/2022

BDL - Below Detection Limit, DL - Detection Limit

### Terms & Conditions:

- The above results pertain only to the sample tested.
- This certificate is valid only for the purpose of reference and is not to be used for any legal action.
- The report cannot be produced except in full, without the written permission from the laboratory.
- The sample will be delivered within 3 days & 1 month from the date of receipt of sample for analysis & sample stability does not guarantee.
- The above report is valid only for the purpose of reference and is not to be used for any legal action.
- The report is valid only for the purpose of reference and is not to be used for any legal action.
- Staff & QC management will be responsible for the quality of the report.

Reviewed By

Kshitij Tamhane (TM Env.)

Authorized Signatory



Authorized By

Raju Ghule (LMR)

Authorized Signatory

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## TEST REPORT

RL-R20-01C

Report No.: RL/TR/2022/06-61

Issue Date: 07/07/2022

Name of Customer: M/S. BHAGYALAXMI ROLLING MILL PVT. LTD

### SAMPLE REFERENCE

### Address of Customer:

Plot No. G-7, G-8, G-9, G-7 Part, G10-1, G10-2 Add. MIDC, Phase-II, Jalna.

Mobile- 9970400119

GSTIN- 27AADCH0390C1Z5

Sampling Plan Reference No.: 01/06

Date & Time of Sampling: 29<sup>th</sup> June 2022, 10.15 AM

Codification No: RLC-55

### STACK DETAILS:

Stack ID: 4

Stack Height: 30 Meters

Stack Fuel: -

Sample Received On: 30/06/2022

Analysis Start On: 30/06/2022

Sample Type: Stack Emission Monitoring

Your Reference: Verbal

Reference Date: -

Sample ID: -

Sample Location: Reheating Stack - 4

Latitude: -

Longitude: -

Sample Collected By: RAJAS LABORATORIES

Stack Material: MS

Fuel Consumption: -

Flue Gas Temperature: 68.0°C

Flue Gas Velocity: 4.2 m/s

Completion of Analysis: 07/07/2022

Sr. No.	Parameters	Result	Unit	Standard Values as per MPCB Consent	Analysis Method
<b>Chemical Testing- 1.2.3. Atmospheric Pollution (Stack Emission)</b>					
1.	Sulfur Dioxide (SO <sub>2</sub> )	6.33	ppm	Not to exceed 80 ppm	IS 11255 (Part 2) : 1985
2.	Total Particulate Matter (TPM)	86.19	mg/Nm <sup>3</sup>	Not to exceed 150 mg/Nm <sup>3</sup>	IS 11255 (Part 1) : 1985
3.	Oxides of Nitrogen (NO <sub>x</sub> )	2.66	ppm	Not to exceed 80 ppm	IS 11255 (Part 7) : 2005

Remark (If Any): The above parameters are within MPCB limits.

Sr. No.	Instrument ID	Make	Calibration Status
01.	RL/INS/STK/C-80	Asha Enviro	Valid Up to 05/07/2022

BDL = Below Detection Limit, DL = Detection Limit

### Terms & Conditions:

- The above results pertain only to the sample tested.
- This certificate is for information only and should not be used for advertising or legal action.
- This Report cannot be reproduced except in full, without the written permission from the Laboratory.
- The sample will be destroyed after 7 days or 1 month from the date of issue of test report, whichever is earlier, unless otherwise specified.
- The above stated product name implies that the product, process, services, management system or person is approved by NABL.
- Noce not established between the company and the client at the time the order is placed or contract is negotiated shall be at the company's standard rate (which are subject to change) and all applicable taxes shall be payable by the client.
- Valid till 30/06/2024

Reviewed By

Kshitij Tamhane (TM Env.)

Authorized Signatory



Authorized By

Raju Ghule (LMR)

Authorized Signatory

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Registered Laboratory for Soil testing under Agriculture Department, Maharashtra State.



## TEST REPORT

RL-R20-01D

Report No.: RL/TR/2022/06-62	Issue Date: 07/07/2022																
Name of Customer: M/S. BHAGYALAXMI ROLLING MILL PVT. LTD	SAMPLE REFERENCE																
Address of Customer: Plot No. G-7, G-8, G-9, G-7 Part, G10-1, G10-2 Add. MIDC, Phase-II, Jalna. Mobile- 9970400119 GSTIN- 27AADCB0390C1Z5	<table> <tr> <td>Sample Type</td><td>Ambient noise level monitoring</td></tr> <tr> <td>Codification No</td><td>RLC-56</td></tr> <tr> <td>Your Reference</td><td>Verbal</td></tr> <tr> <td>Reference Date</td><td>-</td></tr> <tr> <td>Sample ID</td><td>-</td></tr> <tr> <td>Sample Location</td><td>-</td></tr> <tr> <td>Latitude</td><td>-</td></tr> <tr> <td>Longitude</td><td>-</td></tr> </table>	Sample Type	Ambient noise level monitoring	Codification No	RLC-56	Your Reference	Verbal	Reference Date	-	Sample ID	-	Sample Location	-	Latitude	-	Longitude	-
Sample Type	Ambient noise level monitoring																
Codification No	RLC-56																
Your Reference	Verbal																
Reference Date	-																
Sample ID	-																
Sample Location	-																
Latitude	-																
Longitude	-																
Sampling Plan Reference No.: 01/06																	
Date & Time of Sampling: 28 <sup>th</sup> to 29 <sup>th</sup> June 2022, 11:45 AM																	
Sample Collected By: RAJAS LABORATORIES																	
Sample Received On: 30/06/2022	Analysis Start On: 30/06/2022																
	Completion of Analysis: 07/07/2022																

Sr. No.	Parameters	Result	Unit	Standard Values as per general CPCB guidelines	Analysis Method
Chemical Testing- L2.3. Atmospheric Pollution (Ambient Noise Levels -Excluding vibration)					
DAY					CPCB's Protocol for Ambient Noise Level Monitoring:2015
1.	Main Gate	72.6	dB(A)	75	
2.	Parking Area	62.8			
3.	Admin Office	64.9			
NIGHT					
1.	Main Gate	67.8	dB(A)	70	
2.	Parking Area	50.8			
3.	Admin Office	47.6			

Remark (If Any): Above readings conforms to standard values as per CPCB guidelines.

Sr. No.	Instrument ID	Make	Calibration Status
01.	RL/INS/NM/C-77	HTC SL-1350	Valid Up to 05/07/2022

### Terms & Conditions:

- The above report pertains only to the sample tested.
- This certificate in full or in part shall not be used for advertising or legal action.
- The Rajas Laboratories is not responsible for any loss or damage to the sample received from the Laboratory.
- The sample will be destroyed after 5 days of the date of issue of test report for quality life & any possible claim regarding.
- The above mentioned product is not analyzed for the product, process, services, management and system as per the requirement of ISO 9001.
- There is no liability between the company and the client at the time the order is placed or without re-organization by the company/ customer care (which are subject to change) and all applicable taxes shall be payable by the client.
- ISO 9001:2015 certification valid till 15/01/2024

Reviewed By

Kshitij Tamhane (TM Env.)  
Authorized Signatory

Authorised By

Raju Ghule (LMR)  
Authorized SignatoryPage 1 Of 1  
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## TEST REPORT

RL-R20-01D

Report No.: RL/TR/2022/06-63

Issue Date: 07/07/2022

Name of Customer: M/S. BHAGYALAXMI ROLLING MILL PVT. LTD

### SAMPLE REFERENCE

Address of Customer:

Plot No. G-7, G-8, G-9, G-7 Part, G10-1, G10-2 Add. MIDC, Phase-II, Jalna

Mobile- 9970400119

GSTIN- 27AADCB0390C1Z5

Sampling Plan Reference No.: 01/06

Date & Time of Sampling: 28<sup>th</sup> June 2022, 02:00 PM

Sample Collected By: RAJAS LABORATORIES

Sample Received On: 30/06/2022

Analysis Start On: 30/06/2022

Sample Type Work place noise monitoring

Codification No RLC-57

Your Reference Verbal

Reference Date -

Sample ID -

Latitude -

Longitude -

Completion of Analysis: 07/07/2022

Sr. No.	Parameters	Result	Unit	Standard Values as per general CPCB guidelines	Analysis Method
<b>Chemical Testing- 1,2,3. Atmospheric Pollution (Ambient Noise Levels -Excluding vibration)</b>					
1.	Furnace Shed	64.9	dB(A)	90	RL-SOP-C-34, Ver 001, Issue Date 01 April:2022
2.	Casting Area	70.2			
3.	Raw Material Handling Unit	64.8			

Remark (If Any):

Sr. No.	Instrument ID	Make	Calibration Status
01.	RL/INS/NM/C-77	HTC SL-1350	Valid Up to 05/07/2022

### Terms & Conditions:

- The above result is given only for the sample tested.
- This certificate is valid as per the report and shall not be used for advertising or legal action.
- This certificate cannot be produced except in full, without the written permission from the laboratory.
- The sample will be destroyed after 5 days of 1 month from the date of issue of test report for perishable & non-perishable items respectively.
- The above stated product is not liable for the product, process, services, management and system or retention approval by NABL.
- For non-compliance between the company and the client, the date the order is placed or contract is signed shall be the date of the company's standard rate. Which are subject to change and all applicable taxes shall be payable by the client.
- ISO 9001 & CE recognition valid till 10/01/2024

Reviewed By

Kshitij Tamhane (TM Env.)  
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END OF REPORT

Authorised By

Raju Ghule (LMR)  
Authorized Signatory



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## TEST REPORT

RL-R20-01A

Report No.: RL/TR/2022/06-64

Issue Date: 07/07/2022

Name of Customer: M/S. BHAGYALAXMI ROLLING MILL PVT. LTD

Address of Customer:

Plot No. G-7, G-8, G-9, G-7 Part, G10-1, G10-2 Add. MIDC, Phase-II, Jehu.

Mobile: 9904001179

GSTIN: 27AADG30398125

### SAMPLE REFERENCE

Sample Name	Surface Water
Nature of Sample	Colorless Clear Liquid
Brand Name	-
Batch No.	-
Sample Container	Plastic Container
Sample Quantity	Chemical-5 Liters
Mfg. Date/Used By	-
Date of Sampling & Time	29/06/2022, 12:10 PM
Location of Sampling	Mori Pond
Environmental Condition	Stored at 2-8°C
Expiry Date	-
Mfg. By:	-

Sampling Method: RL-MSP-P38

Sampling Plan: OIA06

Unique Identification of the Item: NA.

Codification No: RLC-58 &amp; RLM-40

Sample Collected By: RAJAS LABORATORIES

Sample Received On: 30/06/2022

Analysis Start On: 30/06/2022

Completion of Analysis: 07/07/2022

Sr. No.	Parameters	Results	Standard Values	Unit	Analysis Method
<b>Chemical Testing- 1.2.42. Water (Surface Water)</b>					
1.	Colour	BDL [DL=1]	-	Hazen	IS 3025(Part 4):2021
2.	Temperature	26.2	-	°C	APHA 23 <sup>rd</sup> EDITION:2017
3.	pH at 25°C	7.88	-	-	IS 3025 (Part 11):1983 (Reaffirmed 2017)
4.	Calcium as Ca	53.36	-	mg/l	IS 3025 (Part 40):1991(Reaffirmed 2019)
5.	Magnesium as Mg	21.22	-	mg/l	APHA 23 <sup>rd</sup> EDITION:2017
6.	Chloride as Cl	87.52	-	mg/l	IS 3025 (Part 32): 1988 (Reaffirmed 2019)
7.	Total Alkalinity as CaCO <sub>3</sub>	224.56	-	mg/l	IS 3025 (Part 23): 1986 (Reaffirmed -2019)
8.	Total Dissolved Solid at 180°C	567.11	-	mg/l	IS 3025 (Part 16): 1984 (Reaffirmed 2017)
9.	Total Hardness as CaCO <sub>3</sub>	189.00	-	mg/l	IS 3025 (Part 21): 2009 (Reaffirmed 2019)
10.	Turbidity	1.07	-	NTU	IS 3025 (Part 10): 1984 (Reaffirmed 2017)
11.	Electrical Conductivity at 25°C	389.00	-	µS/cm	IS 3025 (Part 14): 1984 (Reaffirmed 2019)
12.	Fluoride (as F)	BDL [DL=0.1]	-	mg/l	IS 3025(Part 60): 2008
13.	Sulphate (as SO <sub>4</sub> )	45.96	-	mg/l	IS 3025(Part 24):1986 (Reaffirmed 2009)
14.	Ammonia (as NH <sub>3</sub> )	BDL [DL=0.1]	-	mg/l	APHA 23 <sup>rd</sup> EDITION:2017 4500-NH <sub>3</sub> C
15.	Nitrate (as NO <sub>3</sub> )	1.56	-	mg/l	IS 3025(Part 34):1988 (Reaffirmed 2019)
16.	Nitrite (as NO <sub>2</sub> )	BDL [DL=1]	-	mg/l	IS 3025(Part 34):1988 (Reaffirmed 2019)
17.	Phosphate (as PO <sub>4</sub> )	1.12	-	mg/l	IS 3025(Part 31):1988 (Reaffirmed 2021)
18.	Dissolved Oxygen	9.22	-	mg/l	APHA 23 <sup>rd</sup> EDITION:2017
19.	Calcium Hardness	133.68	-	mg/l	IS 3025 (Part 40):1991(Reaffirmed 2019)
20.	Phenolphthalein Alkalinity	BDL [DL=5]	-	mg/l	IS 3025 (Part 23): 1986 (Reaffirmed -2019)
21.	Sodium (as Na)	58.77	-	mg/l	IS 3025 (Part 45): 1993 (Reaffirmed -2019)
22.	Potassium (as K)	9.45	-	mg/l	IS 3025 (Part 45): 1993 (Reaffirmed -2019)
23.	Chemical Oxygen Demand (COD)	22.48	-	mg/l	IS 3025 (Part 58) (Reaffirmed - 2017)
24.	Biochemical Oxygen Demand (BOD)	6.00	-	mg/l	IS 3025 (Part 44) (Reaffirmed - 2019)
<b>Biological Testing- 1.1.28. Water (Surface Water)</b>					
1.	Total coliform	1600	-	MPN/100ml	IS 1622-1981 (Reaffirmed-2019)
2.	Faecal coliform	150	-	MPN/100ml	IS 1622-1981 (Reaffirmed-2019)
3.	E. coli	Present	-	MPN/100ml	IS 1622-1981 (Reaffirmed-2019)

Remark (If Any):

### Terms & Conditions:

- The client shall retain responsibility for the sample tested.
- The client shall be liable for any charges levied for retesting or legal action.
- The client shall retain the original test reports as per the policy of the Laboratory.
- The client shall be responsible for the date of issue of the report for the sample & any retesting or retesting report.
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Reviewed By

*[Signature]*  
 Lomate (TM Chem) & Pawar (TM Micro)  
 Authorized Signatory

Authorized By

*[Signature]*  
 Raju Ghale (LMR)  
 Authorized Signatory





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## TEST REPORT

RL-R20-01A

Report No.: RL/TR/2022/06-65

Issue Date: 07/07/2022

Name of Customer: M/S. BHAGYALAXMI ROLLING MILL PVT. LTD

Address of Customer:

Plot No. G-7, G-8, G-9, G-7 Part, G10-1, G10-2 Add. MIDC, Phase-II, Jalga

Mobile: 9970403119

GSTIN: 27AADCB0390C125

SAMPLE REFERENCE

Sample Name	Ground Water
Nature of Sample	Colourless Clear Liquid
Brand Name	-
Batch No.	-
Sample Container	Plastic Container
Sample Quantity	Chemical-5 Liters
Mfg. Date/Anal. By	-
Date of Sampling & Time	29/06/2022, 01:00 PM
Location of Sampling	Daregam Village
Environmental Condition	Stored at 2-8°C
Expiry Date	-
Mfg. By:	-

Sampling Method: RL-MSP-P38

Sampling Place: 01/06

Unique Identification of the item: NA

Certification No: RLC-59 &amp; RLM-41

Sample Collected By: RAJAS LABORATORIES

Sample Received On: 30/06/2022

Analysis Start On: 30/06/2022

Completion of Analysis: 07/07/2022

Sr. No.	Parameters	Results	Standard Values	Unit	Analysis Method
<b>Chemical Testing- 1.2.42. Water (Ground Water)</b>					
1.	Colour	BDL [DL=1]	-	Hazen	IS 3025(Part 4):2011
2.	Temperature	24.9	-	°C	APHA 23 <sup>rd</sup> EDITION:2017
3.	pH at 25°C	7.82	-	-	IS 3025 (Part 11):1983 (Reaffirmed 2017)
4.	Copper as Cu	96.47	-	mg/l	IS 3025 (Part 40):1991(Reaffirmed 2019)
5.	Magnesium as Mg	29.66	-	mg/l	APHA 23 <sup>rd</sup> EDITION:2017
6.	Chloride as Cl	148.00	-	mg/l	IS 3025 (Part 32): 1988 (Reaffirmed 2019)
7.	Total Alkalinity as CaCO <sub>3</sub>	205.16	-	mg/l	IS 3025 (Part 23): 1986 (Reaffirmed -2019)
8.	Total Dissolved Solid at 180°C	632.98	-	mg/l	IS 3025 (Part 16): 1984 (Reaffirmed 2017)
9.	Total Hardness as CaCO <sub>3</sub>	124.69	-	mg/l	IS 3025 (Part 21): 2009 (Reaffirmed 2019)
10.	Turbidity	1.55	-	NTU	IS 3025 (Part 10): 1984 (Reaffirmed 2017)
11.	Electrical Conductivity at 25°C	307.40	-	µS/cm	IS 3025 (Part 14):1984 (Reaffirmed 2019)
12.	Fluoride (as F)	BDL [DL=0.1]	-	mg/l	IS 3025(Part 60): 2008
13.	Sulphate (as SO <sub>4</sub> )	59.66	-	mg/l	IS 3025(Part 24):1986 (Reaffirmed 2009)
14.	Ammonia (as NH <sub>3</sub> )	BDL [DL=0.1]	-	mg/l	APHA 23 <sup>rd</sup> EDITION:2017 4500-NH <sub>3</sub> C
15.	Nitrate (as NO <sub>3</sub> )	1.44	-	mg/l	IS 3025(Part 34):1988 (Reaffirmed 2019)
16.	Nitrite (as NO <sub>2</sub> )	BDL [DL=1]	-	mg/l	IS 3025(Part 34):1988 (Reaffirmed 2019)
17.	Phosphate (as PO <sub>4</sub> )	1.09	-	mg/l	IS 3025(Part 31):1988 (Reaffirmed 2021)
18.	Dissolved Oxygen	2.00	-	mg/l	APHA 23 <sup>rd</sup> EDITION:2017
19.	Calcium Hardness	241.55	-	mg/l	IS 3025 (Part 40):1991(Reaffirmed 2019)
20.	Phenolphthalein Alkalinity	BDL [DL=5]	-	mg/l	IS 3025 (Part 23): 1986 (Reaffirmed -2019)
21.	Sodium (as Na)	56.32	-	mg/l	IS 3025 (Part 45): 1993 (Reaffirmed -2019)
22.	Potassium (as K)	8.73	-	mg/l	IS 3025 (Part 45): 1993 (Reaffirmed -2019)
23.	Chemical Oxygen Demand (COD)	12.00	-	mg/l	IS 3025 (Part 58): (Reaffirmed - 2017)
24.	Biochemical Oxygen Demand (BOD)	4.26	-	mg/l	IS 3025 (Part 44): (Reaffirmed - 2019)
<b>Biological Testing- 1.1.28. Water (Ground Water)</b>					
1.	Total coliform	908	-	MPN/100ml	IS 1622-1981 (Reaffirmed-2019)
2.	Faecal coliform	60	-	MPN/100ml	IS 1622-1981 (Reaffirmed-2019)
3.	E. coli	Absent	-	MPN/100ml	IS 1622-1981 (Reaffirmed-2019)

Remark (If Any):

Terms &amp; Conditions:

- This is a service report only and not a sample record.
- The user must refer to the standard values and the laboratory's test methods.
- The report should be used for reference only. It is not a substitute for a laboratory's test results.
- The report is valid only for the purpose for which it was issued. It is not valid for any other purpose.
- The report is valid only for the purpose for which it was issued. It is not valid for any other purpose.
- The report is valid only for the purpose for which it was issued. It is not valid for any other purpose.
- The report is valid only for the purpose for which it was issued. It is not valid for any other purpose.

Reviewed By

*[Signature]*  
 Lomate (TM Chem) & Pawar (TM Micro)  
 Authorized Signatory



Authorized By

*[Signature]*  
 Raju Chale (LMR)  
 Authorized Signatory

Page 1 of 1

Survey No. 18711, Plot No. 17-18, Shastri Nagar, Nandgaon, Mumbai - 414 006, Maharashtra, India.

Ph.: +91-0241 2600881, 2552581 E-mail: lab@rajasgroup.com Website: www.rajasgroup.com





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# RAJAS LABORATORIES

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ISO 9001:2015, ISO 14001:2015, ISO 45001:2018 Certified

Registered Laboratory for Soil testing under Agriculture Department, Maharashtra State.



## TEST REPORT

RL-R20-01B

Report No.: RL/TR/2022/07-135

Issue Date: 10/08/2022

Name of Customer: M/S. BHAGYALAXMI ROLLING MILL PVT. LTD.

SAMPLE REFERENCE

Address of Customer:

Plot No. G-7, G-8, G-9, G-7 Part, G10-1, G10-2 Add. MIDC, Phase-II, Jalna.

Mobile- 9970400119

GSTIN- 27AADCB0390C1Z5

Sampling Plan Reference No.: 03/07

Date & Time of Sampling: 29<sup>th</sup> to 30<sup>th</sup> July 2022, 11:00 AM

Codification No.: RLC-07/121

ENVIRONMENTAL CONDITIONS:

Min. Temperature 25°C

Max. Temperature 33°C

Sample Received On: 31/07/2022

Analysis Start On: 31/07/2022

Sample Type

Ambient air quality monitoring

Your Reference

Verbal

Reference Date

-

Sample ID

-

Sample Location

Near Main Gate

Latitude

-

Longitude

-

Sample Collected By

RAJAS LABORATORIES

Min. Rel. Humidity

57.0%

Max. Rel. Humidity

80.0%

Completion of Analysis: 10/08/2022

Sr. No.	Parameters	Result	Unit	Standard Values as per NAAQMS	Analysis Method
Chemical Testing- 1,2,3. Atmospheric Pollution (Ambient Air)					
1.	Sulfur Dioxide (SO <sub>2</sub> )	10.38	µg/m <sup>3</sup>	80	IS 5182 (Part 2):2001
2.	Oxides of Nitrogen (NO <sub>x</sub> )	16.51	µg/m <sup>3</sup>	80	IS 5182 (Part 6):2006
3.	Particulate Matter 10 (µ) (PM 10)	62.33	µg/m <sup>3</sup>	100	IS 5182 (Part 23):2006
4.	Particulate Matter 2.5 (µ) (PM 2.5)	21.52	µg/m <sup>3</sup>	60	CPCB Guidelines: NAAQMS/36/2012-13
5.	Ozone (O <sub>3</sub> )	7.22	µg/m <sup>3</sup>	100	IS 5182 (Part 9):1974
6.	Ammonia (NH <sub>3</sub> )	12.56	µg/m <sup>3</sup>	400	CPCB Guidelines: NAAQMS/36/2012-13
7.	Benzene (C <sub>6</sub> H <sub>6</sub> )	BDL [DL = 0.1]	µg/m <sup>3</sup>	5	IS 5182 (Part 11):2006
8.	Benzo-a-pyrene (BaP)	BDL [DL = 0.5]	ng/m <sup>3</sup>	1	CPCB Guidelines: NAAQMS/36/2012-13
9.	Carbon Monoxide (CO)	0.63	mg/m <sup>3</sup>	4	IS 5182 (Part 10):1999
10.	Lead (Pb)	BDL [DL = 0.1]	µg/m <sup>3</sup>	1	IS 5182 (Part 22):2004
11.	Arsenic (As)	BDL [DL = 2]	ng/m <sup>3</sup>	6	CPCB Guidelines: NAAQMS/36/2012-13
12.	Nickel (Ni)	BDL [DL = 5]	ng/m <sup>3</sup>	20	CPCB Guidelines: NAAQMS/36/2012-13

BDL = Below Detection Limit, DL = Detection Limit

Remark (If Any): With respect to above parameters, sample conforms to the standard values as per NAAQMS

Sr. No.	Instrument ID	Make	Calibration Status
01.	RL/INS/RDS/C-81	Asha Enviro	Valid Up to 04/07/2023
02.	RL/INS/TDS/C-75	Asha Enviro	Valid Up to 04/07/2023

### Terms & Conditions:

- The above results pertain only to the sample tested.
- The customer is fully responsible and shall not be held liable for any misinterpretation or misuse of the results.
- The report cannot be reproduced except in full, without the written permission from the Laboratory.
- The sample will be destroyed after 5 days & 1 month from the date of receipt of test report for perishable & non-perishable samples respectively.
- The above test results are only for the purpose of the product, process, services, management and system improvement and are not for any other purpose.
- The report is valid only for the purpose of the product, process, services, management and system improvement and are not for any other purpose.
- MoEF & CC recognition valid till 12/01/2024

Reviewed By

Kshitij Tamhane (TM Env.)  
Authorized SignatoryPage 1 Of 1  
END OF REPORT

Authorized By

Raju Ghule (LMR)  
Authorized Signatory



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Registered Laboratory for Soil testing under Agriculture Department, Maharashtra State.



## TEST REPORT

RI-R20411B

Report No.: RL/TR/2022/07-136

Issue Date: 10/08/2022

Name of Customer: M/S. BHAGYALAXMI ROLLING MILL PVT. LTD

**SAMPLE REFERENCE****Address of Customer:**

Plot No. G-7, G-8, G-9, G-7 Part, G10-1, G10-2 Add. MIDC, Phase-II, Jalna.

Mobile- 9970400119

GSTIN- 27AADCB0390C1Z5

Sampling Plan Reference No.: 03/07

Date & Time of Sampling: 29<sup>th</sup> to 30<sup>th</sup> July 2022, 12:00 PM

Codification No: RL/C-07/122

**ENVIRONMENTAL CONDITIONS:**

Min. Temperature 24°C

Max. Temperature 31°C

Sample Received On: 31/07/2022

Analysis Start On: 31/07/2022

Sample Type Ambient air quality monitoring

Your Reference Verbal

Reference Date -

Sample ID -

Sample Location Furnace Shed

Latitude -

Longitude -

Sample Collected By RAJAS LABORATORIES

Min. Rel. Humidity 62.0%

Max Rel Humidity 88.0%

Completion of Analysis: 10/08/2022

Sr. No.	Parameters	Result	Unit	Standard Values as per NAAQMS	Analysis Method
<b>Chemical Testing- 1,2,3, Atmospheric Pollution (Ambient Air)</b>					
1.	Sulfur Dioxide (SO <sub>2</sub> )	11.26	µg/m <sup>3</sup>	80	IS 5182 (Part 2):2001
2.	Oxides of Nitrogen (NO <sub>x</sub> )	15.41	µg/m <sup>3</sup>	80	IS 5182 (Part 6):2006
3.	Particulate Matter 10 (µ) (PM 10)	52.49	µg/m <sup>3</sup>	100	IS 5182 (Part 23):2006
4.	Particulate Matter 2.5 (µ) (PM 2.5)	20.63	µg/m <sup>3</sup>	60	CPCB Guidelines: NAAQMS/36/2012-13
5.	Ozone (O <sub>3</sub> )	5.63	µg/m <sup>3</sup>	100	IS 5182 (Part 9):1974
6.	Ammonia (NH <sub>3</sub> )	10.52	µg/m <sup>3</sup>	400	CPCB Guidelines: NAAQMS/36/2012-13
7.	Benzene (C <sub>6</sub> H <sub>6</sub> )	BDL [DL = 0.1]	µg/m <sup>3</sup>	5	IS 5182 (Part 11):2006
8.	Benzo-a-pyrene (BaP)	BDL [DL = 0.5]	ng/m <sup>3</sup>	1	CPCB Guidelines: NAAQMS/36/2012-13
9.	Carbon Monoxide (CO)	0.34	mg/m <sup>3</sup>	4	IS 5182 (Part 10):1999
10.	Lead (Pb)	BDL [DL = 0.1]	µg/m <sup>3</sup>	1	IS 5182 (Part 22):2004
11.	Arsenic (As)	BDL [DL = 2]	ng/m <sup>3</sup>	6	CPCB Guidelines: NAAQMS/36/2012-13
12.	Nickel (Ni)	BDL [DL = 5]	ng/m <sup>3</sup>	20	CPCB Guidelines: NAAQMS/36/2012-13

BDL = Below Detection Limit, DL = Detection Limit

Remark (If Any): With respect to above parameters, sample conforms to the standard values as per NAAQMS.

Sr. No.	Instrument ID	Make	Calibration Status
01.	RL/INS/RDS/C-74	Asha Enviro	Valid Up to 04/07/2023
02.	RL/INS/FDS/C-82	Asha Enviro	Valid Up to 04/07/2023

**Terms & Conditions:**

- The above results pertain only to the sample presented.
- This certificate or test report shall not be used for advertising or legal action.
- This Report cannot be reproduced except in full, without the written permission from the Laboratory.
- The sample will be destroyed after 3 days & 1 month from the date of issue of test report for preservation & reanalysis shall be done separately.
- The above test is valid only for the purpose stated in the report. Any other use or purpose is approved by NABL.
- For more information, please contact the Laboratory and the extent of the time for the order placed or contract shall be subject to the Laboratory's standard rate (if it is not changed) and all applicable taxes shall be payable by the client.
- ISO/IEC 17025:2017 registration valid till 10/01/2024.

Reviewed By

Kshitij Tamhane (TM Env.)  
Authorized Signatory

Authorized By

Raju Ghule (LMR)  
Authorized SignatoryPage 1 Of 1  
END OF REPORT





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Registered Laboratory for Soil testing under Agriculture Department, Maharashtra State.



## TEST REPORT

RL-R20-01B

Report No.: RL/TR/2022/07-137

Issue Date: 10/08/2022

Name of Customer: M/S. BHAGYALAXMI ROLLING MILL PVT. LTD

Address of Customer:

Plot No. G-7, G-8, G-9, G-7 Part, G10-1, G10-2 Add. MIDC, Phase-II, Jalna.

Mobile: 9970400119

GSTIN: 27AADCB0390C1Z5

Sampling Plan Reference No.: 03/07

Date & Time of Sampling: 29<sup>th</sup> to 30<sup>th</sup> July 2022, 12:00 PM

Codification No: RLC-07/123

ENVIRONMENTAL CONDITIONS:

Min. Temperature 23°C

Max. Temperature 32°C

Sample Received On: 31/07/2022

Analysis Start On: 31/07/2022

SAMPLE REFERENCE

Sample Type

Ambient air quality monitoring

Your Reference

Verbal

Reference Date

-

Sample ID

-

Sample Location

Rolling Mill Shed

Latitude

-

Longitude

-

Sample Collected By

RAJAS LABORATORIES

Min. Rel. Humidity

62.0%

Max. Rel. Humidity

78.0%

Completion of Analysis 10/08/2022

Sr. No.	Parameters	Result	Unit	Standard Values as per NAAQMS	Analysis Method
Chemical Testing- 1.2.3. Atmospheric Pollution (Ambient Air)					
1.	Sulfur Dioxide (SO <sub>2</sub> )	10.36	µg/m <sup>3</sup>	80	IS 5182 (Part 2):2001
2.	Oxides of Nitrogen (NO <sub>x</sub> )	13.58	µg/m <sup>3</sup>	80	IS 5182 (Part 6):2006
3.	Particulate Matter 10 (µ) (PM 10)	59.22	µg/m <sup>3</sup>	100	IS 5182 (Part 23):2006
4.	Particulate Matter 2.5 (µ) (PM 2.5)	20.38	µg/m <sup>3</sup>	60	CPCB Guidelines: NAAQMS/36/2012-13
5.	Ozone (O <sub>3</sub> )	7.96	µg/m <sup>3</sup>	100	IS 5182 (Part 9):1974
6.	Ammonia (NH <sub>3</sub> )	11.23	µg/m <sup>3</sup>	400	CPCB Guidelines: NAAQMS/36/2012-13
7.	Benzene (C <sub>6</sub> H <sub>6</sub> )	BDL [DL = 0.1]	µg/m <sup>3</sup>	5	IS 5182 (Part 11):2006
8.	Benzo-a-pyrene (BaP)	BDL [DL = 0.5]	ng/m <sup>3</sup>	1	CPCB Guidelines: NAAQMS/36/2012-13
9.	Carbon Monoxide (CO)	0.40	mg/m <sup>3</sup>	4	IS 5182 (Part 10):1999
10.	Lead (Pb)	BDL [DL = 0.1]	µg/m <sup>3</sup>	1	IS 5182 (Part 22):2004
11.	Arsenic (As)	BDL [DL = 2]	ng/m <sup>3</sup>	6	CPCB Guidelines: NAAQMS/36/2012-13
12.	Nickel (Ni)	BDL [DL = 5]	ng/m <sup>3</sup>	20	CPCB Guidelines: NAAQMS/36/2012-13

BDL = Below Detection Limit, DL = Detection Limit

Remark (If Any): With respect to above parameters, sample conforms to the standard values as per NAAQMS.

Sr. No.	Instrument ID	Make	Calibration Status
01.	RL/INS/RDS/C-73	Asha Enviro	Valid Up to 04/07/2023
02.	RL/TNS/FDS/C-76	Asha Enviro	Valid Up to 04/07/2023

### Terms & Conditions:

- The above results pertain only to the sample tested.
- This certificate is valid as evidence only and not for advertising or legal action.
- This Report cannot be reproduced except in full, without the written permission from the Laboratory.
- The sample will be destroyed after 5 days & 1 month from the date of issue of test report for perishable & non-perishable items respectively.
- The above tested product may contain the product, process, services, management and system as per the approval by NABL.
- For more information contact the company, and the client of the time the order is placed or contract, in negotiated shall be as per the company's standard rate (Which may vary due to change) and all applicable taxes shall be payable by the client.
- MoEF & CC recognition valid till 12/01/2024.

Reviewed By

Kshitij Tamhane (TM Env.)  
Authorized Signatory

Authorized By

Raju Ghule (LMR)  
Authorized SignatoryPage 1 Of 1  
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Registered Laboratory for Soil testing under Agriculture Department, Maharashtra State.



## TEST REPORT

RI-R20-01C

Report No.: RL/TR/2022/07-138

Issue Date: 10/08/2022

Name of Customer: M/S. BHAGYALAXMI ROLLING MILL PVT. LTD

### SAMPLE REFERENCE

### Address of Customer:

Plot No. G-7, G-8, G-9, G-7 Part, G10-1, G10-2 Add. MIDC, Phase-II, Jalna.

Mobile- 9970400119

GSTIN- 27AADCB0390C1Z5

Sampling Plan Reference No.: 03/07

Date & Time of Sampling: 29<sup>th</sup> July 2022, 02:00 PM

Codification No.: RLC-07/124

### STACK DETAILS:

Stack ID

1

Stack Height

30 Meters

Stack Fuel

-

Sample Received On: 31/07/2022

Analysis Start On: 31/07/2022

Sample Type

Stack Emission Monitoring

Your Reference

Verbal

Reference Date

-

Sample ID

-

Sample Location

Furnace Stack - 1

Latitude

-

Longitude

-

Sample Collected By

RAJAS LABORATORIES

Stack Material

MS

Fuel Consumption

-

Flue Gas Temperature

59.4°C

Flue Gas Velocity

2.1 m/s

Completion of Analysis: 10/08/2022

Sr. No.	Parameters	Result	Unit	Standard Values as per MPCB Consent	Analysis Method
<b>Chemical Testing- 1.2.3. Atmospheric Pollution (Stack Emission)</b>					
1	Sulfur Dioxide (SO <sub>2</sub> )	4.22	ppm	Not to exceed 80 ppm	IS 11255 (Part 2) : 1985
2	Total Particulate Matter (TPM)	49.96	mg/Nm <sup>3</sup>	Not to exceed 150 mg/Nm <sup>3</sup>	IS 11255 (Part 1) : 1985
3	Oxides of Nitrogen (NO <sub>x</sub> )	1.06	ppm	Not to exceed 80 ppm	IS 11255 (Part 7) : 2005

Remark (If Any): The above parameters are within MPCB limits.

Sr. No.	Instrument ID	Make	Calibration Status
01	RL/INS/STK/C-80	Asha Enviro	Valid Up to 04/07/2023

BDL - Below Detection Limit, DL - Detection Limit

### Terms & Conditions:

- The above results pertain only to the sample tested.
- This report is valid for use in part shall not be used for advertising or legal action.
- This Report cannot be reproduced except in full, without the written permission from the Laboratory.
- The sample will be destroyed after 5 days & 1 month from the date of issue of test report for petroleum & non-petroleum items respectively.
- The above stated product or any supplier that the product, process, services, management and systems or person is approved by NABL.
- There are no additional charges between the company and the client at the time the order is placed or contract is executed shall be as per company's standard rate (which are subject to change) and all applicable taxes shall be payable by the client.
- NABL & CC recognition valid till 30/09/2024

Reviewed By

Kshitij Tamhane (TM Env.)  
Authorized SignatoryPage 1 Of 1  
END OF REPORT

Authorised By

Raju Ghule (LMR)  
Authorized Signatory



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Registered Laboratory for Soil testing under Agriculture Department, Maharashtra State.



## TEST REPORT

RL-R20-01C

Report No.: RL/TR/2022/07-139

Issue Date: 10/08/2022

Name of Customer: M/S. BHAGYALAXMI ROLLING MILL PVT. LTD

### SAMPLE REFERENCE

Address of Customer:  
Plot No. G-7, G-8, G-9, G-7 Part, G10-1, G10-2 Add. MIDC, Phase-II, Jalna  
Mobile- 9970400119  
GSTIN- 27AADCB0390C1Z5

Sample Type Stack Emission Monitoring

Your Reference Verbal

Reference Date -

Sample ID -

Sample Location Furnace Stack - 2

Sampling Plan Reference No.: 03/07

Latitude -

Date & Time of Sampling: 29<sup>th</sup> July 2022, 04.15 PM

Longitude -

Codification No: RLC-07/125

Sample Collected By RAJAS LABORATORIES

### STACK DETAILS:

Stack Material MS

Stack ID 2

Fuel Consumption -

Stack Height 30 Meters

Flue Gas Temperature 65.0°C

Stack Fuel -

Flue Gas Velocity 3.7 m/s

Sample Received On: 31/07/2022

Analysis Start On: 31/07/2022

Completion of Analysis: 10/08/2022

Sr. No.	Parameters	Result	Unit	Standard Values as per MPCB Consent	Analysis Method
<b>Chemical Testing- 1.2.3. Atmospheric Pollution (Stack Emission)</b>					
1.	Sulfur Dioxide (SO <sub>2</sub> )	6.52	ppm	Not to exceed 80 ppm	IS 11255 (Part 2) : 1985
2.	Total Particulate Matter (TPM)	62.11	mg/Nm <sup>3</sup>	Not to exceed 150 mg/Nm <sup>3</sup>	IS 11255 (Part 1) : 1985
3.	Oxides of Nitrogen (NO <sub>x</sub> )	2.69	ppm	Not to exceed 80 ppm	IS 11255 (Part 7) : 2005

Remark (If Any): The above parameters are within MPCB limits.

Sr. No.	Instrument ID	Make	Calibration Status
01.	RL/INS/STK/C-80	Asha Enviro	Valid Up to 04/07/2023

BDL = Below Detection Limit, DL = Detection Limit

### Terms & Conditions:

- The above report is prepared only for the sample received.
- This report is valid only for the purpose of legal action.
- This report cannot be reproduced or copied in full without the written permission from the laboratory.
- The sample will be destroyed after 3 days & 1 month from the date of issue of test report for (solid & liquid) samples respectively.
- The above report is prepared to help (improve) the product, process, service, or equipment and system or process as approved by MAF.
- Dispute resolution between the company and the client of the time the order is placed or contract is registered shall be at the company's standard rate (which may subject to change) and all applicable fees shall be payable by the client.
- M/S. MoEF & CC recognition valid till 12/01/2024.

Reviewed By

Kshitij Tamhane (TM Env.)  
Authorized SignatoryPage 1 Of 1  
END OF REPORT

Authorised By

Raju Ghule (LMR)  
Authorized Signatory





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Registered Laboratory for Soil testing under Agriculture Department, Maharashtra State.



## TEST REPORT

RL-R20-01C

Report No : RL/TR/2022/07-140

Issue Date: 10/08/2022

Name of Customer: M/S. BHAGYALAXMI ROLLING MILL PVT. LTD

### SAMPLE REFERENCE

#### Address of Customer:

Plot No. G-7, G-8, G-9, G-7 Part, G10-1, G10-2 Add. MIDC, Phase-II, Jalna.

Mobile- 9970400119

GSTIN- 27AADCB0390C1Z5

Sampling Plan Reference No.: 03/07

Date & Time of Sampling: 29<sup>th</sup> July 2022, 05:30 PM

Codification No: RLC-07/126

#### STACK DETAILS:

Stack ID

3

Stack Height

30 Meters

Stack Fuel

-

Sample Received On: 31/07/2022

Analysis Start On: 31/07/2022

Sample Type

Stack Emission Monitoring

Your Reference

Verbal

Reference Date

-

Sample ID

-

Sample Location

Furnace Stack- 3

Latitude

-

Longitude

-

Sample Collected By

RAJAS LABORATORIES

Stack Material

MS

Fuel Consumption

Flue Gas Temperature

56.9°C

Flue Gas Velocity

2.7 m/s

Completion of Analysis: 10/08/2022

Sr. No.	Parameters	Result	Unit	Standard Values as per MPCB Consent	Analysis Method
<b>Chemical Testing- 1.2.3. Atmospheric Pollution (Stack Emission)</b>					
1.	Sulfur Dioxide (SO <sub>2</sub> )	4.31	ppm	Not to exceed 80 ppm	IS 11255 (Part 2) : 1985
2.	Total Particulate Matter (TPM)	45.92	mg/Nm <sup>3</sup>	Not to exceed 150 mg/Nm <sup>3</sup>	IS 11255 (Part 1) : 1985
3.	Oxides of Nitrogen (NO <sub>x</sub> )	1.11	ppm	Not to exceed 80 ppm	IS 11255 (Part 7) : 2005

Remark (If Any): The above parameters are within MPCB limits.

Sr. No.	Instrument ID	Make	Calibration Status
01.	RL/INS/STK/C-80	Asha Enviro	Valid Up to 04/07/2023

BDL = Below Detection Limit, DL = Detection Limit

### Terms & Conditions:

1. The above results pertain only to the sample tested.
2. This certificate is valid only for the test performed for which it is issued.
3. This Report cannot be reproduced except in full, without the written permission from the Laboratory.
4. The sample will be destroyed after 3 days & 1 month from the date of issue of test report for petroleum & non-petroleum items respectively.
5. The above test results do not imply that the product, process, service, management and system or person is approved by NABL.
6. The fee established between the company and the client at the time the order is placed or contract is negotiated shall be at the company's discretion (which is subject to change) and all applicable taxes shall be payable by the client.
7. NABL is CC recognized valid till 10/08/2024.

Reviewed By

Kshitij Tamhane (TM Env.)  
Authorized Signatory

Authorised By

Raju Ghule (LMR)  
Authorized SignatoryPage 1 Of 1  
END OF REPORT





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## TEST REPORT

RL-R20-01C

Report No.: RL/TR/2022/07-141

Issue Date: 10/08/2022

Name of Customer: M/S. BHAGYALAXMI ROLLING MILL PVT. LTD.

### SAMPLE REFERENCE

#### Address of Customer:

Plot No. G-7, G-8, G-9, G-7 Part, G10-1, G10-2 Add. MIDC, Phase-II, Jalna

Mobile- 9970400119

GSTIN- 27AADCB0390C1Z5

Sampling Plan Reference No.: 03/07

Date & Time of Sampling: 30<sup>th</sup> July 2022, 11:00 AM

Codification No: RL/C-07/127

#### STACK DETAILS:

Stack ID: 4

Stack Height: 30 Meters

Stack Fuel: -

Sample Received On: 31/07/2022

Analysis Start On: 31/07/2022

Sample Type: Stack Emission Monitoring

Your Reference: Verbal

Reference Date: -

Sample ID: -

Sample Location: Reheating Stack - 4

Latitude: -

Longitude: -

Sample Collected By: RAJAS LABORATORIES

Stack Material: MS

Fuel Consumption: -

Flue Gas Temperature: 62.1°C

Flue Gas Velocity: 3.5 m/s

Completion of Analysis: 10/08/2022

Sr. No.	Parameters	Result	Unit	Standard Values as per MPCB Consent	Analysis Method
<b>Chemical Testing- 1.2.3. Atmospheric Pollution (Stack Emission)</b>					
1	Sulfur Dioxide (SO <sub>2</sub> )	4.28	ppm	Not to exceed 80 ppm	IS 11255 (Part 2) : 1985
2	Total Particulate Matter (TPM)	57.85	mg/Nm <sup>3</sup>	Not to exceed 150 mg/Nm <sup>3</sup>	IS 11255 (Part 1) : 1985
3	Oxides of Nitrogen (NO <sub>x</sub> )	1.36	ppm	Not to exceed 80 ppm	IS 11255 (Part 7) : 2005

Remark (If Any): The above parameters are within MPCB limits.

Sr. No.	Instrument ID	Make	Calibration Status
01.	RL/INS/STK/C-80	Asha Enviro	Valid Up to 04/07/2023

BDL = Below Detection Limit, DL = Detection Limit

#### Terms & Conditions:

- The above results are valid only for the sample tested.
- This certificate is valid for use only for the purpose of advertising or legal action.
- This report cannot be reproduced except in full, without the written permission from the Laboratory.
- The sample will be destroyed after 30 days & 1 month from the date of test report, as per applicable & non-applicable items respectively.
- The above stated result is only for the purpose of the product, process, services, management and system operation as approved by MoEF.
- The non-liability between the company and the client in the case the order is placed or contract is signed and shall be with the company's standard rate/conditions/subject to change and all applicable rates shall be payable by the client.
- MoEF & CC recognition valid till 12-01-2024

Reviewed By

Kshitij Tamhane (TM Env.)  
Authorized SignatoryPage 1 Of 1  
END OF REPORT

Authorised By

Raju Ghule (LMR)  
Authorized Signatory



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## TEST REPORT

RL-R20-01D

Report No.: RL/TR/2022/07-141

Issue Date: 10/08/2022

Name of Customer: M/S. BHAGYALAXMI ROLLING MILL PVT. LTD

### SAMPLE REFERENCE

#### Address of Customer:

Plot No. G-7, G-8, G-9, G-7 Part, G10-1, G10-2 Add. MIDC, Phase-II, Jalna.

Mobile- 9970400119

GSTIN- 27AADCB0390C1Z5

Sample Type Ambient noise level monitoring

Codification No RLC-07/128

Your Reference Verbal

Reference Date -

Sample ID -

Sample Location -

Latitude -

Longitude -

Sampling Plan Reference No.: 03/07

Date & Time of Sampling: 29<sup>th</sup> to 30<sup>th</sup> July 2022, 11:15 AM

Sample Collected By: RAJAS LABORATORIES

Sample Received On: 31/07/2022

Analysis Start On: 31/07/2022

Completion of Analysis: 10/08/2022

Sr. No.	Parameters	Result	Unit	Standard Values as per general CPCB guidelines	Analysis Method
Chemical Testing- 1,2,3. Atmospheric Pollution (Ambient Noise Levels -Excluding vibration)					
DAY					CPCB's Protocol for Ambient Noise Level Monitoring 2015
1.	Main Gate	69.5	dB(A)	75	
2.	Parking Area	63.1			
3.	Admin Office	59.8			
NIGHT					
1.	Main Gate	62.4	dB(A)	70	
2.	Parking Area	44.6			
3.	Admin Office	43.9			

Remark (If Any): Above readings conforms to standard values as per CPCB guidelines.

Sr. No.	Instrument ID	Make	Calibration Status
01	RL/INS/NM/C-77	HTC SL-1350	Valid Up to 04/07/2023

### Terms & Conditions:

- The above results pertain only to the sample received.
- This report is valid only for the purpose of testing and is not to be used for any other purpose.
- Test Report cannot be reproduced except in full, without the written permission from the Laboratory.
- The sample will be destroyed after 5 days & 1 month from the date of issue of test report for portable & non-portable items respectively.
- The above stated product or any implication on the product, process, services, management and system is approved by SASI.
- Previous established between the company and the client at the time the order is placed is subject to negotiated shall be at the company's standard rate (which are subject to change) and all applicable taxes shall be payable by the client.
- MoEF & CC recognition valid till 30/06/2024

Reviewed By

Kshitij Tamhane (TM Env.)  
Authorized SignatoryPage 1 Of 1  
END OF REPORT

Authorised By

Raju Ghule (LMR)  
Authorized Signatory





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## TEST REPORT

RL-R20-01D

Report No.: RL/TR/2022/07-142

Issue Date: 10/08/2022

Name of Customer: M/S. BHAGYALAXMI ROLLING MILL PVT. LTD

### SAMPLE REFERENCE

Address of Customer:  
Plot No. G-7, G-8, G-9, G-7 Part, G10-1, G10-2 Add MIDC, Phase-II, Jalna,  
Mobile- 9970400119  
GSTIN- 27AADCB0390C1Z5

Sample Type Work place noise monitoring

Codification No RLC-07/129

Your Reference Verbal

Reference Date -

Sample ID -

Latitude -

Longitude -

Sampling Plan Reference No.: 03/07

Date & Time of Sampling: 29<sup>th</sup> July 2022, 03.30 PM

Sample Collected By: RAJAS LABORATORIES

Sample Received On: 31/07/2022

Analysis Start On: 31/07/2022

Completion of Analysis: 10/08/2022

Sr. No.	Parameters	Result	Unit	Standard Values as per general CPCB guidelines	Analysis Method
Chemical Testing- 1,2,3. Atmospheric Pollution (Ambient Noise Levels -Excluding vibration)					
1.	Furnace Shed	61.8	dB(A)	90	RL-SOP-C-34, Ver.001, Issue Date 01 April 2022.
2.	Casting Area	62.3			
3.	Raw Material Handling Unit	58.6			

Remark (If Any):

Sr. No.	Instrument ID	Make	Calibration Status
01.	RL/INS/NM/C-77	HTC SL-1350	Valid Up to 04/07/2023

### Terms & Conditions:

- The above work is performed only for the sample tested.
- This certificate is valid only for the purpose of legal action.
- Test Report cannot be re-produced except in full, without the verification from the Laboratory.
- The sample will be destroyed after 3 days & 1 month from the date of issue of test report for perishable & non-perishable items respectively.
- The above test is performed on the product, process, service, management and system or person as approved by NABL.
- Fees not established between the company and the client of the time the order is placed or contract is executed shall be at the company's standard rate (which are subject to change) and all applicable taxes shall be payable by the client.
- NABL & ISO registration valid till 03/12/2024.

Reviewed By

Kshitij Tamhane (TM Env.)  
Authorized SignatoryPage 1 Of 1  
END OF REPORT

Authorised By

Raju Ghule (LMR)  
Authorized Signatory





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## TEST REPORT

RL-R20-01A

Report No.: RL/TR/2022/07-143

Issue Date: 10/08/2022

Name of Customer: M/S. BHAGYALAXMI ROLLING MILL PVT. LTD

Address of Customer:

Plot No. G-7, G-8, G-9, G-7 Part, G10-1, G10-2 Add. MIDC, Phase-II, Jalga.

Mobile: 9970400119

GSTIN: 27AADC80390C1Z5

### SAMPLE REFERENCE

Sample Name	Surface Water
Nature of Sample	Colourless Clear Liquid
Brand Name	-
Batch No.	-
Sample Container	Plastic Container
Sample Quantity	Chemical-5 Liters
Mfg. Date/Issued By	-
Date of Sampling & Time	30/07/2022, 10:45 AM
Location of Sampling	Moti Pond
Environmental Condition	Stored at 2-8°C
Expiry Date	-
Mfg. By:	-

Sampling Method: RL-MSP-038

Sampling Plan: 03/07

Unique Identification of the item: NA.

Certification No: RLC- 07/130 &amp; RLM-07/42

Sample Collected By: RAJAS LABORATORIES

Sample Received On: 31/07/2022

Analysis Start On: 31/07/2022

Completion of Analysis: 10/08/2022

Sr. No.	Parameters	Results	Standard Values	Unit	Analysis Method
<b>Chemical Testing- I.2.42. Water (Surface Water)</b>					
1.	Colour	BDL [DL=1]	-	Hazen	IS 3025(Part 4):2021
2.	Temperature	23.9	-	°C	APHA 23 <sup>rd</sup> EDITION:2017
3.	pH at 25°C	7.15	-	-	IS 3025 (Part 11):1985 (Reaffirmed 2017)
4.	Calcium as Ca	41.88	-	mg/l	IS 3025 (Part 40):1991(Reaffirmed 2019)
5.	Magnesium as Mg	19.63	-	mg/l	APHA 23 <sup>rd</sup> EDITION:2017
6.	Chloride as Cl	64.58	-	mg/l	IS 3025 (Part 32): 1988 (Reaffirmed 2019)
7.	Total Alkalinity as CaCO <sub>3</sub>	187.66	-	mg/l	IS 3025 (Part 23): 1985 (Reaffirmed -2019)
8.	Total Dissolved Solid at 180°C	346.96	-	mg/l	IS 3025 (Part 16): 1984 (Reaffirmed 2017)
9.	Total Hardness as CaCO <sub>3</sub>	127.41	-	mg/l	IS 3025 (Part 21): 2009 (Reaffirmed 2019)
10.	Turbidity	1.88	-	NTU	IS 3025 (Part 10): 1984 (Reaffirmed 2017)
11.	Electrical Conductivity at 25°C	256.24	-	µS/cm	IS 3025 (Part 14): 1984 (Reaffirmed 2019)
12.	Fluoride (as F)	BDL [DL=0.1]	-	mg/l	IS 3025(Part 60): 2008
13.	Sulphate (as SO <sub>4</sub> )	36.52	-	mg/l	IS 3025(Part 24):1986 (Reaffirmed 2009)
14.	Ammonia (as NH <sub>4</sub> )	BDL [DL=0.1]	-	mg/l	APHA 23 <sup>rd</sup> EDITION:2017 4500-NH <sub>4</sub> C
15.	Nitrate (as NO <sub>3</sub> )	1.06	-	mg/l	IS 3025(Part 34):1988 (Reaffirmed 2019)
16.	Nitrite (as NO <sub>2</sub> )	BDL [DL=1]	-	mg/l	IS 3025(Part 34):1988 (Reaffirmed 2019)
17.	Phosphate (as PO <sub>4</sub> )	1.88	-	mg/l	IS 3025(Part 31):1988 (Reaffirmed 2021)
18.	Dissolved Oxygen	8.63	-	mg/l	APHA 23 <sup>rd</sup> EDITION:2017
19.	Calcium Hardness	102.39	-	mg/l	IS 3025 (Part 40):1991(Reaffirmed 2019)
20.	Phenolphthalein Alkalinity	BDL [DL=5]	-	mg/l	IS 3025 (Part 23): 1985 (Reaffirmed -2019)
21.	Sodium (as Na)	35.98	-	mg/l	IS 3025 (Part 45): 1993 (Reaffirmed -2019)
22.	Potassium (as K)	4.12	-	mg/l	IS 3025 (Part 45): 1993 (Reaffirmed -2019)
23.	Chemical Oxygen Demand (COD)	33.96	-	mg/l	IS 3025 (Part 58) (Reaffirmed - 2017)
24.	Biochemical Oxygen Demand (BOD)	8.40	-	mg/l	IS 3025 (Part 44) (Reaffirmed - 2019)
<b>Biological Testing- I.1.28. Water (Surface Water)</b>					
1.	Total coliform	1600	-	MPN/100ml	IS 1622-1981 (Reaffirmed-2019)
2.	Faecal coliform	240	-	MPN/100ml	IS 1622-1981 (Reaffirmed-2019)
3.	E. coli	Present	-	MPN/100ml	IS 1622-1981 (Reaffirmed-2019)

Remark (If Any):

### Terms & Conditions:

- The above results are only for the sample received.
- The results are not to be used for any other purpose without the written permission of the laboratory.
- The results are not to be used for any other purpose without the written permission of the laboratory.
- The sample is to be stored at 4°C ± 1°C until the date of issue. If the sample is not used by the date of issue, the results are not valid.
- The above test results are only valid for the purpose for which the sample was received and are not to be used for any other purpose without the written permission of the laboratory.
- The results are not to be used for any other purpose without the written permission of the laboratory.
- The results are not to be used for any other purpose without the written permission of the laboratory.
- The results are not to be used for any other purpose without the written permission of the laboratory.

Reviewed By

*[Signature]*  
*[Signature]*  
 Lomate (TM Chem) & Pawar (TM Micro)  
 Authorized Signatory



Authorized By

*[Signature]*  
 Raju Ghale (LMR)  
 Authorized Signatory

Page 1 OF 1

END OF REPORT

Survey No. 187/1, Plot No. 17-18, Shree Nagar, Kedgeon, Ahmednagar - 414 005, Maharashtra, India.

Ph - 91- 0241-2550581, 2550681 E-mail : lab@rajaslab.com Website : www.rajaslab.com





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## TEST REPORT

RL-R20-01A

Report No: RL/TR/202207-144

Issue Date: 10/08/2022

Name of Customer: **MS. BILGALAXMI ROLLING MILL PVT. LTD**  
 Address of Customer:  
 Plot No. G-7, G-8, G-9, G-7 Part, G10-1, G10-2 Add. MIDC, Phase-II, Jalga.  
 Mobile: 9970400119  
 GSTIN: 27AADCB0390CLZ5

**SAMPLE REFERENCE**

Sample Name	Ground Water
Nature of Sample	Colourless Clear Liquid
Brand Name	-
Batch No.	-
Sample Container	Plastic Container
Sample Quantity	Chemical-5 Liters
Mfg. Dt./Used By	-
Date of Sampling & Time	30/07/2022, 01:00 PM
Location of Sampling	Daregaon Village
Environmental Condition	Stored at 2-8°C
Expiry Date	-
Mfg. By:-	-

Sampling Method: RL-MSIP38

Sampling Plan: Q1/Q7

Unique Identification of the item: NA

Codification No: RLC- 07/131 &amp; RLM-07/43

Sample Collected By: **RAJAS LABORATORIES**

Sample Received On: 31/07/2022

Analysis Start On: 31/07/2022

Completion of Analysis: 10/08/2022

Sr. No.	Parameters	Results	Standard Values	Unit	Analysis Method
<b>Chemical Testing- 1.2.42. Water (Ground Water)</b>					
1.	Colour	BDL [DL=1]	-	Hazen	IS 3025 (Part 4): 2021
2.	Temperature	23.5	-	°C	APHA 23 <sup>rd</sup> EDITION: 2017
3.	pH at 25°C	7.62	-	-	IS 3025 (Part 11): 1983 (Reaffirmed 2017)
4.	Calcium as Ca	106.48	-	mg/l	IS 3025 (Part 40): 1991 (Reaffirmed 2019)
5.	Magnesium as Mg	36.54	-	mg/l	APHA 23 <sup>rd</sup> EDITION: 2017
6.	Chloride as Cl	152.31	-	mg/l	IS 3025 (Part 32): 1988 (Reaffirmed 2019)
7.	Total Alkalinity as CaCO <sub>3</sub>	221.33	-	mg/l	IS 3025 (Part 25): 1986 (Reaffirmed -2019)
8.	Total Dissolved Solid at 180°C	398.94	-	mg/l	IS 3025 (Part 16): 1984 (Reaffirmed 2017)
9.	Total Hardness as CaCO <sub>3</sub>	138.76	-	mg/l	IS 3025 (Part 21): 2009 (Reaffirmed 2019)
10.	Turbidity	1.03	-	NTU	IS 3025 (Part 10): 1984 (Reaffirmed 2017)
11.	Electrical Conductivity at 25°C	307.40	-	µS/cm	IS 3025 (Part 14): 1984 (Reaffirmed 2019)
12.	Fluoride (as F)	BDL [DL=0.1]	-	mg/l	IS 3025 (Part 60): 2008
13.	Sulphate (as SO <sub>4</sub> )	48.77	-	mg/l	IS 3025 (Part 24): 1986 (Reaffirmed 2009)
14.	Ammonia (as NH <sub>3</sub> )	BDL [DL=0.1]	-	mg/l	APHA 23 <sup>rd</sup> EDITION: 2017 4500-NH <sub>3</sub> , C
15.	Nitrate (as NO <sub>3</sub> )	1.21	-	mg/l	IS 3025 (Part 34): 1988 (Reaffirmed 2019)
16.	Nitrite (as NO <sub>2</sub> )	BDL [DL=1]	-	mg/l	IS 3025 (Part 34): 1988 (Reaffirmed 2019)
17.	Phosphate (as PO <sub>4</sub> )	1.23	-	mg/l	IS 3025 (Part 31): 1988 (Reaffirmed 2021)
18.	Dissolved Oxygen	1.96	-	mg/l	APHA 23 <sup>rd</sup> EDITION: 2017
19.	Calcium Hardness	363.98	-	mg/l	IS 3025 (Part 40): 1991 (Reaffirmed 2019)
20.	Phenolphthalein Alkalinity	BDL [DL=5]	-	mg/l	IS 3025 (Part 23): 1986 (Reaffirmed -2019)
21.	Sodium (as Na)	27.54	-	mg/l	IS 3025 (Part 45): 1993 (Reaffirmed -2019)
22.	Potassium (as K)	19.21	-	mg/l	IS 3025 (Part 45): 1993 (Reaffirmed -2019)
23.	Chemical Oxygen Demand (COD)	19.36	-	mg/l	IS 3025 (Part 58): (Reaffirmed - 2017)
24.	Biochemical Oxygen Demand (BOD)	6.00	-	mg/l	IS 3025 (Part 44): (Reaffirmed - 2019)
<b>Biological Testing- 1.1.28. Water (Ground Water)</b>					
1.	Total coliform	1600	-	MPN/100ml	IS 1622-1981 (Reaffirmed-2019)
2.	Faecal coliform	2	-	MPN/100ml	IS 1622-1981 (Reaffirmed-2019)
3.	E. coli	Absent	-	MPN/100ml	IS 1622-1981 (Reaffirmed-2019)

Remark (If Any):

**Terms & Conditions:**

- The laboratory is responsible only for the sample received.
- The test results, if any, are valid only for the sample received and are not valid for any other sample.
- The sample must be delivered to the laboratory within the specified time frame for the test results to be valid.
- The laboratory is not responsible for the results of the test if the sample is not delivered to the laboratory within the specified time frame.
- The laboratory is not responsible for the results of the test if the sample is not delivered to the laboratory within the specified time frame.
- The laboratory is not responsible for the results of the test if the sample is not delivered to the laboratory within the specified time frame.

Reviewed By

Lomate (TM Chem) & Pawar (TM Micro)  
 Authorized Signatory



Authorized By

Raja Chale (LMR)  
 Authorized Signatory

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## TEST REPORT

RL-R20-01B

Report No : RL/TR/2022/08-83

Issue Date: 08/09/2022

Name of Customer: M/S. BHAGYALAXMI ROLLING MILL PVT. LTD

**SAMPLE REFERENCE****Address of Customer:**

Plot No. G-7, G-8, G-9, G-7 Part, G10-1, G10-2 Add. MIDC, Phase-II, Jalna

Mobile- 9970400119

GSTIN- 27AADCB0390C1Z5

Sampling Plan Reference No.: 01/08

Date & Time of Sampling: 29<sup>th</sup> to 30<sup>th</sup> August 2022, 10:35 AM

Codification No. RLC-08/71

**ENVIRONMENTAL CONDITIONS:**

Min. Temperature 23°C

Max. Temperature 31°C

Sample Received On: 31/08/2022

Analysis Start On: 31/08/2022

Sample Location

Min. Rel. Humidity

Max. Rel. Humidity

Completion of Analysis: 08/09/2022

Ambient air quality monitoring

Sample Type

Year Reference

Reference Date

Sample ID

Verbal

-

-

-

Sample Location

Latitude

Longitude

Sample Collected By

Near Main Gate

-

-

RAJAS LABORATORIES

72.0%

85.0%

Sr. No.	Parameters	Result	Unit	Standard Values as per NAAQMS	Analysis Method
<b>Chemical Testing- 1.2.3, Atmospheric Pollution (Ambient Air)</b>					
1.	Sulfur Dioxide (SO <sub>2</sub> )	11.22	µg/m <sup>3</sup>	80	IS 5182 (Part 2):2001
2.	Oxides of Nitrogen (NO <sub>x</sub> )	15.36	µg/m <sup>3</sup>	80	IS 5182 (Part 6):2006
3.	Particulate Matter 10 (µ) (PM 10)	56.98	µg/m <sup>3</sup>	100	IS 5182 (Part 23):2006
4.	Particulate Matter 2.5 (µ) (PM 2.5)	18.63	µg/m <sup>3</sup>	60	CPCB Guidelines: NAAQMS/36/2012-13
5.	Ozone (O <sub>3</sub> )	5.23	µg/m <sup>3</sup>	100	IS 5182 (Part 9):1974
6.	Ammonia (NH <sub>3</sub> )	10.25	µg/m <sup>3</sup>	480	CPCB Guidelines: NAAQMS/36/2012-13
7.	Benzene (C <sub>6</sub> H <sub>6</sub> )	BDL [DL = 0.1]	µg/m <sup>3</sup>	5	IS 5182 (Part 11):2006
8.	Benzo-a-pyrene (BaP)	BDL [DL = 0.5]	ng/m <sup>3</sup>	1	CPCB Guidelines: NAAQMS/36/2012-13
9.	Carbon Monoxide (CO)	0.59	mg/m <sup>3</sup>	4	IS 5182 (Part 10):1999
10.	Lead (Pb)	BDL [DL = 0.1]	µg/m <sup>3</sup>	1	IS 5182 (Part 22):2004
11.	Arsenic (As)	BDL [DL = 2]	ng/m <sup>3</sup>	6	CPCB Guidelines: NAAQMS/36/2012-13
12.	Nickel (Ni)	BDL [DL = 5]	ng/m <sup>3</sup>	20	CPCB Guidelines: NAAQMS/36/2012-13

BDL - Below Detection Limit, DL - Detection Limit

Remark (If Any): With respect to above parameters, sample conforms to the standard values as per NAAQMS.

Sr. No.	Instrument ID	Make	Calibration Status
01.	RL/INS/RDS/C-74	Asha Enviro	Valid Up to 04/07/2023
02.	RL/INS/FDS/C-75	Asha Envir	Valid Up to 04/07/2023

**Terms & Conditions:**

- The above results pertain only to the sample received.
- This certificate is valid only for the purpose of reference and is not to be used for any legal action.
- Test Report cannot be re-produced except in full, without the written permission from the Laboratory.
- The sample will be destroyed after 3 days & 3 months from the date of issue of test report for portable & non-portable tests respectively.
- The above stated product may vary (as per the product, process, services, management and system) as per approved by NABL.
- For not established between the company and the client at the same time order placed or contract is registered shall be at the company's standard rate (which are subject to change) and all applicable taxes shall be payable by the client.
- MoEF & CC (image for reference) 13/01/2024

Reviewed By

Kshitij Tamhane (TM Env.)

Authorized Signatory



Authorized By

Raju Ghule (LMR)

Authorized Signatory

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Registered Laboratory for Soil testing under Agriculture Department, Maharashtra State.



## TEST REPORT

RL-R20-01B

Report No.: RL/TR/2022/08-84	Issue Date: 08/09/2022
Name of Customer: M/S. BHAGYALAXMI ROLLING MILL PVT. LTD	<b>SAMPLE REFERENCE</b>
Address of Customer:	Sample Type
Plot No. G-7, G-8, G-9, G-7 Part, G10-1, G10-2 Add. MIDC, Phase-II, Jalna	Your Reference
Mobile- 9970400119	Reference Date
GSTIN- 27AADC80390C1Z5	Sample ID
Sampling Plan Reference No.: 01/08	Sample Location
Date & Time of Sampling: 29 <sup>th</sup> to 30 <sup>th</sup> August 2022, 11:40 AM	Latitude
Codification No. RLC-08/72	Longitude
<b>ENVIRONMENTAL CONDITIONS:</b>	Sample Collected By: <b>RAJAS LABORATORIES</b>
Min. Temperature	22°C
Max. Temperature	29°C
Sample Received On: 31/08/2022	Analysis Start On: 31/08/2022
	Completion of Analysis: 08/09/2022

Sr. No.	Parameters	Result	Unit	Standard Values as per NAAQMS	Analysis Method
<b>Chemical Testing- 1,2,3, Atmospheric Pollution (Ambient Air)</b>					
1.	Sulfur Dioxide (SO <sub>2</sub> )	BDL [DL=5]	µg/m <sup>3</sup>	80	IS 5182 (Part 2):2001
2.	Oxides of Nitrogen (NO <sub>x</sub> )	13.56	µg/m <sup>3</sup>	80	IS 5182 (Part 6):2006
3.	Particulate Matter 10 (µ) (PM 10)	59.66	µg/m <sup>3</sup>	100	IS 5182 (Part 23):2006
4.	Particulate Matter 2.5 (µ) (PM 2.5)	21.85	µg/m <sup>3</sup>	60	CPCB Guidelines: NAAQMS/36/2012-13
5.	Ozone (O <sub>3</sub> )	9.86	µg/m <sup>3</sup>	100	IS 5182 (Part 9):1974
6.	Ammonia (NH <sub>3</sub> )	12.44	µg/m <sup>3</sup>	400	CPCB Guidelines: NAAQMS/36/2012-13
7.	Benzene (C <sub>6</sub> H <sub>6</sub> )	BDL [DL= 0.1]	µg/m <sup>3</sup>	5	IS 5182 (Part 11):2006
8.	Benzo-a-pyrene (BaP)	BDL [DL= 0.5]	ng/m <sup>3</sup>	1	CPCB Guidelines: NAAQMS/36/2012-13
9.	Carbon Monoxide (CO)	0.45	mg/m <sup>3</sup>	4	IS 5182 (Part 10):1999
10.	Lead (Pb)	BDL [DL= 0.1]	µg/m <sup>3</sup>	1	IS 5182 (Part 22):2004
11.	Arsenic (As)	BDL [DL= 2]	ng/m <sup>3</sup>	6	CPCB Guidelines: NAAQMS/36/2012-13
12.	Nickel (Ni)	BDL [DL= 5]	ng/m <sup>3</sup>	20	CPCB Guidelines: NAAQMS/36/2012-13

BDL = Below Detection Limit, DL = Detection Limit

Remark (If Any): With respect to above parameters, sample conforms to the standard values as per NAAQMS.

Sr. No.	Instrument ID	Make	Calibration Status
01.	RL/INS/RDS/C-81	Asha Enviro	Valid Up to 04/07/2023
02.	RL/INS/FDS/C-82	Asha Enviro	Valid Up to 04/07/2023

**Terms & Conditions:**

- The above results pertain only to the sample received.
- This certificate is full and is not valid for re-use for advertising or legal action.
- Test Report cannot be reproduced except in full, without the written permission from the Laboratory.
- The sample will be destroyed after 5 days & 5 months from the date of issue of test report for particulate & temperature data respectively.
- The above listed products are not to be used for the product, process, services, management and system or person is approved by State.
- Resumes established between the company and the client at the time the order is placed in company's computer shall hold the company's standard rate (which are subject to change) and all applicable fees shall be payable by the client.
- MoEF & CC recognition valid till 30/01/2024.

Reviewed By

Kshitij Tamhane (TM Env.)  
Authorized Signatory

Authorized By

Raju Ghule (LMR)  
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Registered Laboratory for Soil testing under Agriculture Department, Maharashtra State.



## TEST REPORT

RL-R20-01B

Report No.: RL/TR/2022/08-85	Issue Date: 08/09/2022
Name of Customer: M/S. BHAGYALAXMI ROLLING MILL PVT. LTD	<b>SAMPLE REFERENCE</b>
Address of Customer:	Sample Type: Ambient air quality monitoring
Plot No. G-7, G-8, G-9, G-7 Part, G10-1, G10-2 Add. MIDC, Phase-II, Jalna	Your Reference: Verbal
Mobile- 9970400119	Reference Date: -
GSTIN- 27AADC80390C1Z5	Sample ID: -
Sampling Plan Reference No.: 01/08	Sample Location: Rolling Mill Shed
Date & Time of Sampling: 29 <sup>th</sup> to 30 <sup>th</sup> August 2022, 12.15 PM	Latitude: -
Codification No: RLC-08/73	Longitude: -
<b>ENVIRONMENTAL CONDITIONS:</b>	Sample Collected By: RAJAS LABORATORIES
Min. Temperature: 23°C	Min. Rel. Humidity: 72.0%
Max. Temperature: 28°C	Max. Rel. Humidity: 89.0%
Sample Received On: 31/08/2022	Analysis Start On: 31/08/2022
	Completion of Analysis: 08/09/2022

Sr. No.	Parameters	Result	Unit	Standard Values as per NAAQMS	Analysis Method
<b>Chemical Testing- 1.2.3. Atmospheric Pollution (Ambient Air)</b>					
1.	Sulfur Dioxide (SO <sub>2</sub> )	6.93	µg/m <sup>3</sup>	80	IS 5182 (Part 2):2001
2.	Oxides of Nitrogen (NO <sub>x</sub> )	10.48	µg/m <sup>3</sup>	80	IS 5182 (Part 6):2006
3.	Particulate Matter 10 (µ) (PM 10)	49.33	µg/m <sup>3</sup>	100	IS 5182 (Part 23):2006
4.	Particulate Matter 2.5 (µ) (PM 2.5)	15.38	µg/m <sup>3</sup>	60	CPCB Guidelines: NAAQMS/36/2012-13
5.	Ozone (O <sub>3</sub> )	6.44	µg/m <sup>3</sup>	100	IS 5182 (Part 9):1974
6.	Ammonia (NH <sub>3</sub> )	10.26	µg/m <sup>3</sup>	400	CPCB Guidelines: NAAQMS/36/2012-13
7.	Benzene (C <sub>6</sub> H <sub>6</sub> )	BDL [DL = 0.1]	µg/m <sup>3</sup>	5	IS 5182 (Part 11):2006
8.	Benzo-a-pyrene (BaP)	BDL [DL = 0.5]	ng/m <sup>3</sup>	1	CPCB Guidelines: NAAQMS/36/2012-13
9.	Carbon Monoxide (CO)	0.26	mg/m <sup>3</sup>	4	IS 5182 (Part 10):1999
10.	Lead (Pb)	BDL [DL = 0.1]	µg/m <sup>3</sup>	1	IS 5182 (Part 22):2004
11.	Arsenic (As)	BDL [DL = 2]	ng/m <sup>3</sup>	6	CPCB Guidelines: NAAQMS/36/2012-13
12.	Nickel (Ni)	BDL [DL = 5]	ng/m <sup>3</sup>	20	CPCB Guidelines: NAAQMS/36/2012-13

BDL = Below Detection Limit, DL = Detection Limit

Remark (If Any): With respect to above parameters, sample conforms to the standard values as per NAAQMS.

Sr. No.	Instrument ID	Make	Calibration Status
01.	RL/INS/RDS/C-73	Asha Enviro	Valid Up to 04/07/2023
02.	RL/INS/FDS/C-76	Asha Enviro	Valid Up to 04/07/2023

**Terms & Conditions:**

- The above results pertain only to the sample tested.
- This certificate is valid for a period not to exceed six months from the date of issue.
- Test Report cannot be re-produced or used in full, without the written permission from the Laboratory.
- The sample will be destroyed after 5 days & 1 month from the date of issue of test report for particulate & non-particulate matter respectively.
- The above test is conducted as per the standard methods of analysis as approved by NABL.
- Fees are established between the company and the client at the time the order is placed or contract is signed and shall be payable by the client.
- NABL & CC recognition valid till 15/01/2024

Reviewed By

Kshiraj Tamhane (TM Env.)  
Authorized Signatory

Authorized By

Raju Ghule (LMR)  
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END OF REPORT

Survey No. 187/1, Plot No. 17-18, Shestnagar, Kedgeon, Ahmednagar - 414 005, Maharashtra, India.

Ph. -91- 0241-2550501, 2552681 E-mail: lab@rajasgroup.com Website: www.rajasgroup.com





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## TEST REPORT

RL-R20-01C

Report No.: RL/TR/2022/08-86	Issue Date: 08/09/2022
Name of Customer: M/S. BHAGYALAXMI ROLLING MILL PVT. LTD	<b>SAMPLE REFERENCE</b>
Address of Customer: Plot No. G-7, G-8, G-9, G-7 Part, G10-1, G10-2 Add. MIDC, Phase-II, Jalna. Mobile- 9970400119 GSTIN- 27AADCB0390C1Z5	Sample Type Your Reference Reference Date Sample ID Sample Location
Sampling Plan Reference No.: 01/08	Stack Emission Monitoring Verbal - - Furnace Stack - 1
Date & Time of Sampling: 29 <sup>th</sup> August 2022, 01.38 PM	Latitude Longitude
Codification No: RLC-08/74	Sample Collected By Stack Material
<b>STACK DETAILS:</b>	RAJAS LABORATORIES MS
Stack ID	Fuel Consumption
Stack Height	Flue Gas Temperature
Stack Fuel	Flue Gas Velocity
Sample Received On: 31/08/2022	Completion of Analysis: 08/09/2022
Analysis Start On: 31/08/2022	

Sr. No.	Parameters	Result	Unit	Standard Values as per MPCB Consent	Analysis Method
<b>Chemical Testing- 1.2.3. Atmospheric Pollution (Stack Emission)</b>					
1	Sulfur Dioxide (SO <sub>2</sub> )	6.38	ppm	Not to exceed 80 ppm	IS 11255 (Part 2) : 1985
2	Total Particulate Matter (TPM)	62.9	mg/Nm <sup>3</sup>	Not to exceed 150 mg/Nm <sup>3</sup>	IS 11255 (Part 1) : 1985
3	Oxides of Nitrogen (NO <sub>x</sub> )	2.37	ppm	Not to exceed 80 ppm	IS 11255 (Part 7) : 2005

Remark (If Any): The above parameters are within MPCB limits.

Sr. No.	Instrument ID	Make	Calibration Status
01	RL/INS/STK/C-80	Asha Enviro	Valid Up to 04/07/2023

BDL - Below Detection Limit, DL - Detection Limit

### Terms & Conditions:

- The above results are valid only for the sample tested.
- This certificate is for information only and shall not be used for advertising or legal action.
- The report is issued to the client only and shall not be used for any other purpose.
- The sample will be destroyed after 5 days & 1 month from the date of issue of test report for portable & shipped & delivered respectively.
- The above stated product is not a guarantee that the product, process, service, management and system is approved by AGMARK.
- For any establishment between the company and the client, the date the order is placed or contract is registered shall be as the company's standard rate (Which is subject to change and all applicable taxes shall be payable by the client).
- MoEF & CC recognition no. 11/10/2004

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Kshitij Tamhane (TM Env.)  
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Raju Ghule (LMR)  
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## TEST REPORT

RL-R20-01C

Report No.: RL/TR/2022/08-87	Issue Date: 08/09/2022
Name of Customer: M/S. BHAGYALAXMI ROLLING MILL PVT. LTD	SAMPLE REFERENCE
Address of Customer: Plot No. G-7, G-8, G-9, G-7 Part, G10-1, G10-2 Add, MIDC, Phase-II, Jalna. Mobile- 9970400119 GSTIN- 27AADCB0390C1Z5	Sample Type Your Reference Reference Date Sample ID Sample Location
Sampling Plan Reference No.: 01/08	Stack Emission Monitoring Verbal - - Furnace Stack - 2
Date & Time of Sampling: 29 <sup>th</sup> August 2022, 02:55 PM	Latitude Longitude
Codification No: RLC-08/75	Sample Collected By Stack Material
STACK DETAILS:	RAJAS LABORATORIES MS
Stack ID	2
Stack Height	30 Meters
Stack Fuel	-
Sample Received On: 31/08/2022	Fuel Consumption Flue Gas Temperature Flue Gas Velocity
Analysis Start On: 31/08/2022	- 68.5°C 2.2 m/s
Completion of Analysis: 08/09/2022	

Sr. No.	Parameters	Result	Unit	Standard Values as per MPCB Consent	Analysis Method
Chemical Testing- 1.2.3. Atmospheric Pollution (Stack Emission)					
1	Sulfur Dioxide (SO <sub>2</sub> )	4.31	ppm	Not to exceed 80 ppm	IS 11255 (Part 2) : 1985
2	Total Particulate Matter (TPM)	78.14	mg/Nm <sup>3</sup>	Not to exceed 150 mg/Nm <sup>3</sup>	IS 11255 (Part 1) : 1985
3	Oxides of Nitrogen (NO <sub>x</sub> )	1.66	ppm	Not to exceed 80 ppm	IS 11255 (Part 7) : 2005

Remark (If Any): The above parameters are within MPCB limits.

Sr. No.	Instrument ID	Make	Calibration Status
01.	RL/INS/STK/C-80	Asha Enviro	Valid Up to 04/07/2023

BDL = Below Detection Limit, DL = Detection Limit

### Terms & Conditions:

- The above results pertain only to the sample tested.
- This certificate is valid for 12 months from the date of issue of test report for periodicals & equipment shall be renewed.
- Test fees will be levied on the customer, except in full, without the written permission from the Laboratory.
- The sample will be destroyed after 5 days & 1 month from the date of issue of test report for periodicals & equipment shall be renewed.
- The above stated product is not to be used for any other purpose, process, service, management and system or person is approved by NABL.
- For all test results between the company and the client, the date the order is placed or contract is signed shall be the company's standard rate (which are subject to change) and all applications shall be possible by the client.
- NABL & CC recognition valid till 12/01/2024

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Kshitij Tamhane (TM Env.)  
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Raju Ghule (LMR)  
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## TEST REPORT

RL-R20-01C

Issue Date: 08/09/2022

Report No.: RL/TR/2022/08-88	SAMPLE REFERENCE	
Name of Customer: M/S. BHAGYALAXMI ROLLING MILL PVT. LTD	Sample Type	Stack Emission Monitoring
Address of Customer:	Your Reference	Verbal
Plot No. G-7, G-8, G-9, G-7 Part, G10-1, G10-2 Add. MIDC, Phase-II, Jalna.	Reference Date	-
Mobile- 9970400119	Sample ID	-
GSTIN- 27AADCB0390C1Z5	Sample Location	Furnace Stack - 3
Sampling Plan Reference No.: 01/08	Latitude	-
Date & Time of Sampling: 29 <sup>th</sup> August 2022, 04.10 PM	Longitude	-
Codification No: RLC-08/76	Sample Collected By	RAJAS LABORATORIES
STACK DETAILS:	Stack Material	MS
Stack ID	Fuel Consumption	
Stack Height	Flue Gas Temperature	63.1°C
Stack Fuel	Flue Gas Velocity	3.9 m/s
Sample Received On: 31/08/2022	Analysis Start On: 31/08/2022	Completion of Analysis: 08/09/2022

Sr. No.	Parameters	Result	Unit	Standard Values as per MPCB Consent	Analysis Method
Chemical Testing- 1.2.3. Atmospheric Pollution (Stack Emission)					
1	Sulfur Dioxide (SO <sub>2</sub> )	5.28	ppm	Not to exceed 80 ppm	IS 11255 (Part 2) : 1985
2	Total Particulate Matter (TPM)	71.63	mg/Nm <sup>3</sup>	Not to exceed 150 mg/Nm <sup>3</sup>	IS 11255 (Part 1) : 1985
3	Oxides of Nitrogen (NO <sub>x</sub> )	2.06	ppm	Not to exceed 80 ppm	IS 11255 (Part 7) : 2005

Remark (If Any): The above parameters are within MPCB limits

Sr. No.	Instrument ID	Make	Calibration Status
01.	RL/INS/STK/C-80	Asha Enviro	Valid Up to 04/07/2023

BDL - Below Detection Limit, DL - Detection Limit

### Terms & Conditions:

- The above results pertain only to the sample tested.
- This certificate or report shall not be used for advertising or legal action.
- Liability cannot be assumed except as stated, without the written permission from the Laboratory.
- The sample will be destroyed after 3 days & 1 month from the date of issue of test report for particulate & atmospheric gases respectively.
- The above test results do not imply that the product, process, services, management system or person/supplies comply with the standard.
- From not established between the company and the client at the time the order is placed or contract is negotiated shall be at the company's sole discretion. Data is subject to change and all applicable terms shall be provided by the client.
- Valid till 30/09/2023 as per valid till 15/09/2023.

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Kshitij Tamhane (TM Env.)  
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Authorised By

Raju Ghole (LMR)  
Authorized Signatory





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## TEST REPORT

R1-R20-01C

Report No.: RL/TR/2022/08-89

Issue Date: 08/09/2022

Name of Customer: M/S. BHAGYALAXMI ROLLING MILL PVT. LTD.

### SAMPLE REFERENCE

#### Address of Customer:

Plot No. G-7, G-8, G-9, G-7 Part, G10-1, G10-2 Add. MIDC, Phase-II, Jalna

Mobile- 9970400119

GSTIN- 27AADCB0390C1Z5

Sample Type Stack Emission Monitoring

Your Reference Verbal

Reference Date -

Sample ID -

Sample Location Reheating Stack - 4

Sampling Plan Reference No.: 01/08

Latitude -

Date & Time of Sampling: 29<sup>th</sup> August 2022, 04.10 PM

Longitude -

Codification No: RLC-08/77

Sample Collected By RAJAS LABORATORIES

#### STACK DETAILS:

Stack Material MS

Stack ID 4

Fuel Consumption

Stack Height 30 Meters

Flue Gas Temperature 59.8°C

Stack Fuel -

Flue Gas Velocity 3.2 m/s

Sample Received On: 31/08/2022

Analysis Start On: 31/08/2022

Completion of Analysis: 08/09/2022

Sr. No.	Parameters	Result	Unit	Standard Values as per MPCB Consent	Analysis Method
<b>Chemical Testing- I.2.3. Atmospheric Pollution (Stack Emission)</b>					
1.	Sulfur Dioxide (SO <sub>2</sub> )	7.15	ppm	Not to exceed 80 ppm	IS 11255 (Part 2) : 1985
2.	Total Particulate Matter (TPM)	78.05	mg/Nm <sup>3</sup>	Not to exceed 150 mg/Nm <sup>3</sup>	IS 11255 (Part 1) : 1985
3.	Oxides of Nitrogen (NO <sub>x</sub> )	2.97	ppm	Not to exceed 80 ppm	IS 11255 (Part 7) : 2005

Remark (If Any): The above parameters are within MPCB limits.

Sr. No.	Instrument ID	Make	Calibration Status
01.	RL/INS/STK/C-80	Asha Enviro	Valid Up to 04/07/2023

BDL = Below Detection Limit, DL = Detection Limit

### Terms & Conditions:

- The above results pertain only to the tests performed.
- This certificate is for information only and shall not be used for advertising or legal action.
- Test report cannot be reproduced except in full, without the written permission from the laboratory.
- The sample will be destroyed after 15 days & 1 month from the date of receipt of test report for particulate & temperature respectively.
- The above stated product is not a replacement for the product, process, service, management and system or system as approved by ISO 9001.
- Any not established between the company and the client is the client's responsibility and shall be at the company's standard rate (which are subject to change) and all applicable taxes shall be payable by the client.
- MSME & CO recognition no. 1411941/2024

Reviewed By

Kshitij Tamhane (TM Env.)  
Authorized Signatory

Authorised By

Raju Ghule (LMR)  
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## TEST REPORT

RL-R20-01D

Report No.: RL/TR/2022/08-90	Issue Date: 08/09/2022
Name of Customer: M/S. BHAGYALAXMI ROLLING MILL PVT. LTD	<b>SAMPLE REFERENCE</b>
Address of Customer: Plot No. G-7, G-8, G-9, G-7 Part, G10-1, G10-2 Add. MIDC, Phase-II, Jalna. Mobile- 9970400119 GSTIN- 27AADCB0390C1Z5	Sample Type: Ambient noise level monitoring
	Codification No: RLC-08/78
	Your Reference: Verbal
	Reference Date: -
	Sample ID: -
	Sample Location: -
Sampling Plan Reference No.: 01/08	Latitude: -
Date & Time of Sampling: 29 <sup>th</sup> August 2022, 11:37 AM	Longitude: -
Sample Collected By: RAJAS LABORATORIES	
Sample Received On: 31/08/2022	Analysis Start On: 31/08/2022
	Completion of Analysis: 08/09/2022

Sr. No.	Parameters	Result	Unit	Standard Values as per general CPCB guidelines	Analysis Method
Chemical Testing- 1.2.3. Atmospheric Pollution (Ambient Noise Levels -Excluding vibration)					
DAY					CPCB's Protocol for Ambient Noise Level Monitoring:2015
1.	Main Gate	67.8	dB(A)	75	
2.	Parking Area	61.1			
3.	Admin Office	63.4			
NIGHT					
1.	Main Gate	65.7	dB(A)	70	
2.	Parking Area	51.2			
3.	Admin Office	49.8			

Remark (If Any): Above readings conforms to standard values as per CPCB guidelines.

Sr. No.	Instrument ID	Make	Calibration Status
01.	RL/INS/NM/C-77	HTC SL-1350	Valid Up to 04/07/2023

### Terms & Conditions:

- The above results pertain only to the sample tested.
- This certificate in full or in part shall not be used for advertising or legal action.
- The Report cannot be re-produced except in full, without the written permission from the Laboratory.
- The certificate will be destroyed after 5 days of 1 year from the date of issue of test report for portable & non-portable items respectively.
- The above stated product is not implies that the product, process, services, maintenance and system is approved by RAL.
- The test is conducted between the company and the client at the time the order is placed or without negotiation and be at the company's standard rate (Which are subject to change with all applicable taxes shall be payable by the client).
- AGMARK & CC recognition valid till 31/03/2024

Reviewed By

Kshitij Tamhane (TM Env.)  
Authorized Signatory

Authorized By

Raju Ghule (LMR)  
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## TEST REPORT

RL-R20-01D

Report No.: RL/TR/2022/08-91

Issue Date: 08/09/2022

Name of Customer: M/S. BHAGYALAXMI ROLLING MILL PVT. LTD

### SAMPLE REFERENCE

Address of Customer:

Plot No. G-7, G-8, G-9, G-7 Part, G10-1, G10-2 Add. MIDC, Phase-II, Jalna

Mobile- 9970400119

GSTIN- 27AADCB0390C1Z5

Sampling Plan Reference No.: 01/08

Date & Time of Sampling: 29<sup>th</sup> August 2022, 02:00 PM

Sample Collected By: RAJAS LABORATORIES

Sample Received On: 31/08/2022

Analysis Start On: 31/08/2022

Sample Type

Work place noise monitoring

Codification No

RLC-08/79

Your Reference

Verbal

Reference Date

-

Sample ID

-

Latitude

-

Longitude

-

Sr. No.	Parameters	Result	Unit	Standard Values as per general CPCB guidelines	Analysis Method
<b>Chemical Testing- 1.2.3. Atmospheric Pollution (Ambient Noise Levels -Excluding vibration)</b>					
1.	Furnace Shed	65.9	dB(A)	90	RL-SOP-C-34, Ver 001, Issue Date 01 April 2022
2.	Casting Area	59.7			
3.	Raw Material Handling Unit	61.4			

Remark (If Any):

Sr. No.	Instrument ID	Make	Calibration Status
01.	RL/INS/NM/C-77	HTC SL-1350	Valid Up to 04/07/2023

### Terms & Conditions:

- The above results pertain only to the sample tested.
- This certificate is valid only for the purpose of reference and is not a legal document.
- This Report shall not be reproduced except in full, without the written permission from the laboratory.
- The sample will be destroyed after 5 days & 1 month from the date of issue of test report for petroleum & non-petroleum samples respectively.
- The above stated procedure may apply to the product, process, services, management and system as approved by NABL.
- There is no liability on the part of the laboratory for the results of the test if the sample is not properly preserved or if the sample is not representative of the lot.
- No fee & CC registration valid till 30/09/2022.

Reviewed By

Kshiraj Tamhane (TM Env.)  
Authorized SignatoryPage 1 Of 1  
END OF REPORT

Authorised By

Raju Ghole (LMR)  
Authorized Signatory





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# RAJAS LABORATORIES

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ISO 9001:2015, ISO 14001:2015, ISO 45001:2018 Certified

Registered Laboratory for Soil testing under Agriculture Department, Maharashtra State.



## TEST REPORT

RL-R20-01A

Report No: RL/TR/2022/8-92

Issue Date: 08/09/2022

Name of Customer: M/S. BILACALAXMI ROLLING MILL PVT. LTD  
Address of Customer:  
Plot No: G-7, G-8, G-9, G-7 Part, G10-1, G10-2 Add: MIDC, Phase-II, Juhu.  
Mobile: 9970400119  
GSTIN: 27AADCB0390C125

### SAMPLE REFERENCE

Sample Name	Surface Water
Nature of Sample	Colourless Clear Liquid
Brand Name	-
Batch No.	-
Sample Container	Plastic Cordagon
Sample Quantity	Chemical-5 Liters
Mfg. D/Lised By	-
Date of Sampling & Time	30/08/2022, 11:20 AM
Location of Sampling	Moti Pond
Environmental Condition	Stored at 2-8°C
Expiry Date	-
Mfg. By: -	-

Sampling Method: RL-MSP-P38

Sampling Plan: 01/08

Unique Identification of the item: NA

Certification No: RL-C-08/00 &amp; RL-M-08/32

Sample Collected By: RAJAS LABORATORIES

Sample Received On: 31/08/2022

Analysis Start On: 31/08/2022

Completion of Analysis: 08/09/2022

Sr. No.	Parameters	Results	Standard Values	Unit	Analysis Method
<b>Chemical Testing- 1.2.42. Water (Surface Water)</b>					
1.	Colour	BDL [DL=1]	-	Hazen	IS 3025(Part 4):2021
2.	Temperature	22.1	-	°C	APHA 23 <sup>rd</sup> EDITION:2017
3.	pH at 25°C	7.89	-	-	IS 3025 (Part 11):1983 (Reaffirmed 2017)
4.	Calcium as Ca	34.89	-	mg/l	IS 3025 (Part 40):1991(Reaffirmed 2019)
5.	Magnesium as Mg	12.88	-	mg/l	APHA 23 <sup>rd</sup> EDITION:2017
6.	Chloride as Cl	69.33	-	mg/l	IS 3025 (Part 32): 1988 (Reaffirmed 2019)
7.	Total Alkalinity as CaCO <sub>3</sub>	171.25	-	mg/l	IS 3025 (Part 23): 1986 (Reaffirmed -2019)
8.	Total Dissolved Solid at 180°C	314.56	-	mg/l	IS 3025 (Part 16): 1984 (Reaffirmed 2017)
9.	Total Hardness as CaCO <sub>3</sub>	106.99	-	mg/l	IS 3025 (Part 21): 2009 (Reaffirmed 2019)
10.	Turbidity	1.32	-	NTU	IS 3025 (Part 10): 1984 (Reaffirmed 2017)
11.	Electrical Conductivity at 25°C	346.99	-	µS/cm	IS 3025 (Part 14):1984 (Reaffirmed 2019)
12.	Fluoride (as F)	BDL [DL=0.1]	-	mg/l	IS 3025(Part 60): 2008
13.	Sulphate (as SO <sub>4</sub> )	40.12	-	mg/l	IS 3025(Part 24):1986 (Reaffirmed 2009)
14.	Ammonia (as NH <sub>3</sub> )	BDL [DL=0.1]	-	mg/l	APHA 23 <sup>rd</sup> EDITION:2017 4500-NH <sub>3</sub> C
15.	Nitrate (as NO <sub>3</sub> )	1.15	-	mg/l	IS 3025(Part 34):1988 (Reaffirmed 2019)
16.	Nitrite (as NO <sub>2</sub> )	BDL [DL=1]	-	mg/l	IS 3025(Part 34): 1988 (Reaffirmed 2019)
17.	Phosphate (as PO <sub>4</sub> )	1.32	-	mg/l	IS 3025(Part 31):1988 (Reaffirmed 2021)
18.	Dissolved Oxygen	9.55	-	mg/l	APHA 23 <sup>rd</sup> EDITION:2017
19.	Calcium Hardness	89.47	-	mg/l	IS 3025 (Part 40):1991(Reaffirmed 2019)
20.	Phenolphthalein Alkalinity	BDL [DL=5]	-	mg/l	IS 3025 (Part 23): 1986 (Reaffirmed -2019)
21.	Sodium (as Na)	29.66	-	mg/l	IS 3025 (Part 45): 1993 (Reaffirmed -2019)
22.	Potassium (as K)	6.58	-	mg/l	IS 3025 (Part 45): 1993 (Reaffirmed -2019)
23.	Chemical Oxygen Demand (COD)	21.47	-	mg/l	IS 3025 (Part 58): (Reaffirmed - 2017)
24.	Biochemical Oxygen Demand (BOD)	6.48	-	mg/l	IS 3025 (Part 44): (Reaffirmed - 2019)
<b>Biological Testing- 1.1.28. Water (Surface Water)</b>					
1.	Total coliform	1600	-	MPN/100ml	IS 1622-1581 (Reaffirmed-2019)
2.	Faecal coliform	170	-	MPN/100ml	IS 1622-1581 (Reaffirmed-2019)
3.	E. coli	Present	-	MPN/100ml	IS 1622-1581 (Reaffirmed-2019)

Remark (If Any):

### Terms & Conditions:

- The above test is performed only on the sample tested.
- This certificate is valid only for the sample tested and for the stated purpose only.
- This Report cannot be reproduced except in full, without the written permission from the laboratory.
- This sample will be destroyed after 30 days of receipt from the date of issue of the report for verification & re-testing, if required.
- This laboratory is not responsible for the results of the test if the sample is not properly preserved or if the sample is not properly labeled.
- This report is valid only for the purpose for which it was issued and for the period of time specified in the report.
- This report is not valid for any other purpose.

Reviewed By

Lamate (TM Chem) & Pawar (TM Micro)  
Authorized Signatory



Authorized By

Raju Chale (LMR)  
Authorized Signatory





AGMARK



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ISO 9001:2015, ISO 14001:2015, ISO 45001:2018 Certified

Registered Laboratory for Soil testing under Agriculture Department, Maharashtra State.



## TEST REPORT

RL-R20-01A

Report No: RL/TR/2022/08-03

Issue Date: 08/09/2022

Name of Customer: M/S. BHAGYALAXMI ROLLING MILL PVT. LTD

Address of Customer:

Plot No. G-7, G-8, G-9, G-7 Part, (HC-1, G10-2 Adj. MEDC, Phase-II, Jalna.

Mobile: 9578400119

GSTIN-27AADCB090C125

### SAMPLE REFERENCE

Sample Name	Ground Water
Nature of Sample	Colourless Clear Liquid
Brand Name	-
Batch No.	-
Sample Container	Plastic Container
Sample Quantity	Chemical-5 Liters
Mfg. Dt./Used By	-
Date of Sampling & Time	30/08/2022, 12:10 PM
Location of Sampling	Durgason Village
Environmental Condition	Stored at 2-8°C
Expiry Date	-
Mfg. By: -	

Sampling Method: RL-MSP438

Sampling Plan: 01/08

Unique Identification of the item: NA

Codification No: RLC-08/01 &amp; RLM-08/03

Sample Collected By: RAJAS LABORATORIES

Sample Received On: 31/08/2022

Analysis Start On: 31/08/2022

Completion of Analysis: 08/09/2022

Sr. No.	Parameters	Results	Standard Values	Unit	Analysis Method
<b>Chemical Testing- I.2.42. Water (Ground Water)</b>					
1.	Colour	BDL [DL=1]	-	Hazen	IS 3025 (Part 4): 2021
2.	Temperature	22.5	-	°C	APHA 23 <sup>rd</sup> EDITION: 2017
3.	pH at 25°C	8.14	-	-	IS 3025 (Part 11): 1983 (Reaffirmed 2017)
4.	Calcium as Ca	79.41	-	mg/l	IS 3025 (Part 40): 1993 (Reaffirmed 2019)
5.	Magnesium as Mg	30.52	-	mg/l	APHA 23 <sup>rd</sup> EDITION: 2017
6.	Chloride as Cl	105.38	-	mg/l	IS 3025 (Part 32): 1988 (Reaffirmed 2019)
7.	Total Alkalinity as CaCO <sub>3</sub>	181.95	-	mg/l	IS 3025 (Part 23): 1986 (Reaffirmed -2019)
8.	Total Dissolved Solid at 180°C	590.11	-	mg/l	IS 3025 (Part 16): 1984 (Reaffirmed 2017)
9.	Total Hardness as CaCO <sub>3</sub>	318.69	-	mg/l	IS 3025 (Part 21): 2009 (Reaffirmed 2019)
10.	Turbidity	2.11	-	NTU	IS 3025 (Part 16): 1984 (Reaffirmed 2017)
11.	Electrical Conductivity at 25°C	341.56	-	µS/cm	IS 3025 (Part 14): 1984 (Reaffirmed 2019)
12.	Fluoride (as F)	BDL [DL=0.1]	-	mg/l	IS 3025 (Part 65): 2008
13.	Sulphate (as SO <sub>4</sub> )	32.35	-	mg/l	IS 3025 (Part 24): 1986 (Reaffirmed 2009)
14.	Ammonia (as NH <sub>3</sub> )	BDL [DL=0.1]	-	mg/l	APHA 23 <sup>rd</sup> EDITION: 2017 4500-NH <sub>3</sub> , C
15.	Nitrate (as NO <sub>3</sub> )	1.33	-	mg/l	IS 3025 (Part 34): 1988 (Reaffirmed 2019)
16.	Nitrite (as NO <sub>2</sub> )	BDL [DL=1]	-	mg/l	IS 3025 (Part 34): 1988 (Reaffirmed 2019)
17.	Phosphate (as PO <sub>4</sub> )	2.14	-	mg/l	IS 3025 (Part 31): 1988 (Reaffirmed 2021)
18.	Dissolved Oxygen	1.44	-	mg/l	APHA 23 <sup>rd</sup> EDITION: 2017
19.	Calcium Hardness	196.43	-	mg/l	IS 3025 (Part 40): 1993 (Reaffirmed 2019)
20.	Phenolphthalein Alkalinity	BDL [DL=5]	-	mg/l	IS 3025 (Part 23): 1986 (Reaffirmed -2019)
21.	Sodium (as Na)	12.90	-	mg/l	IS 3025 (Part 45): 1993 (Reaffirmed -2019)
22.	Potassium (as K)	2.55	-	mg/l	IS 3025 (Part 45): 1993 (Reaffirmed -2019)
23.	Chemical Oxygen Demand (COD)	21.88	-	mg/l	IS 3025 (Part 58): (Reaffirmed - 2017)
24.	Biochemical Oxygen Demand (BOD)	5.41	-	mg/l	IS 3025 (Part 44): (Reaffirmed - 2019)
<b>Biological Testing- I.1.28. Water (Ground Water)</b>					
1.	Total coliform	900	-	MPN/100ml	IS 1622-1981 (Reaffirmed-2019)
2.	Faecal coliform	< 2	-	MPN/100ml	IS 1622-1981 (Reaffirmed-2019)
3.	E. coli	Absent	-	MPN/100ml	IS 1622-1981 (Reaffirmed-2019)

Remark (If Any):

### Terms & Conditions:

1. This document is prepared only for the client's use.
2. This document is valid for 12 months from the date of issue.
3. The report cannot be reproduced or copied without the written permission from the Laboratory.
4. The sample will be destroyed after 1 month from the date of issue of the report. The results & reportable data are valid only for the period specified.
5. The laboratory is not responsible for the accuracy of the results, unless the sample is properly preserved and stored as per the instructions.
6. The results are valid only for the purpose and for the time for which the report is issued. The client is responsible for the use of the results.
7. Sample & report are valid for 12 months.

Reviewed By

*[Signature]*  
*[Signature]*  
 Lamate (TM Chem) & Pawar (IM Micro)  
 Authorized Signatory



Authorized By

*[Signature]*  
 Raja Ghule (LMR)  
 Authorized Signatory

Page 1 Of 1

Survey No. 187/1, Plot No. 17-18, Shastrinagar, Keshavnagar, Ahmednagar - 414 005, Maharashtra, India.

Ph: +91-0241-2550361, 2550362 E-mail: info@rajagroup.com Website: www.rajagroup.com





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Registered Laboratory for Soil testing under Agriculture Department, Maharashtra State.



## TEST REPORT

RL-R20-01B

Report No.: RL/TR/2022/09-147

Issue Date: 10/10/2022

Name of Customer: M/S. BHAGYALAXMI ROLLING MILL PVT. LTD

Address of Customer:

Plot No. G-7, G-8, G-9, G-7 Part, G10-1, G10-2 Add. MIDC, Phase-II, Jalna.

Mobile- 9970400119

GSTIN- 27AADCB0390C1Z5

Sampling Plan Reference No.: 03/09

Date & Time of Sampling: 28<sup>th</sup> to 29<sup>th</sup> September 2022, 11:00 AM

Codification No: RLC-09/144

ENVIRONMENTAL CONDITIONS:

Min. Temperature 22°C

Max. Temperature 28°C

Sample Received On: 30/09/2022

Analysis Start On: 30/09/2022

SAMPLE REFERENCE

Sample Type

Your Reference

Reference Date

Sample ID

Ambient air quality monitoring

Verbal

-

-

Sample Location

Latitude

Longitude

Sample Collected By

Min. Rel. Humidity

Max. Rel. Humidity

Completion of Analysis: 10/10/2022

Near Main Gate

-

-

RAJAS LABORATORIES

68.0%

81.0%

Sr. No.	Parameters	Result	Unit	Standard Values as per NAAQMS	Analysis Method
Chemical Testing- 1.2.3. Atmospheric Pollution (Ambient Air)					
1.	Sulfur Dioxide (SO <sub>2</sub> )	12.66	µg/m <sup>3</sup>	80	IS 5182 (Part 2):2001
2.	Oxides of Nitrogen (NO <sub>x</sub> )	21.38	µg/m <sup>3</sup>	80	IS 5182 (Part 6):2006
3.	Particulate Matter 10 (µ) (PM 10)	72.88	µg/m <sup>3</sup>	100	IS 5182 (Part 23):2006
4.	Particulate Matter 2.5 (µ) (PM 2.5)	21.50	µg/m <sup>3</sup>	60	CPCB Guidelines: NAAQMS/36/2012-13
5.	Ozone (O <sub>3</sub> )	10.36	µg/m <sup>3</sup>	100	IS 5182 (Part 9):1974
6.	Ammonia (NH <sub>3</sub> )	23.69	µg/m <sup>3</sup>	400	CPCB Guidelines: NAAQMS/36/2012-13
7.	Benzene (C <sub>6</sub> H <sub>6</sub> )	BDL [DL = 0.1]	µg/m <sup>3</sup>	5	IS 5182 (Part 11):2006
8.	Benzo-a-pyrene (BaP)	BDL [DL = 0.5]	ng/m <sup>3</sup>	1	CPCB Guidelines: NAAQMS/36/2012-13
9.	Carbon Monoxide (CO)	0.89	mg/m <sup>3</sup>	4	IS 5182 (Part 10):1999
10.	Lead (Pb)	BDL [DL = 0.1]	µg/m <sup>3</sup>	1	IS 5182 (Part 22):2004
11.	Arsenic (As)	BDL [DL = 2]	ng/m <sup>3</sup>	6	CPCB Guidelines: NAAQMS/36/2012-13
12.	Nickel (Ni)	BDL [DL = 5]	ng/m <sup>3</sup>	20	CPCB Guidelines: NAAQMS/36/2012-13

BDL = Below Detection Limit, DL = Detection Limit

Remark (If Any): With respect to above parameters, sample conforms to the standard values as per NAAQMS.

Sr. No.	Instrument ID	Make	Calibration Status
01.	RL/INS/RDS/C-74	Asha Enviro	Valid Up to 04/07/2023
02.	RL/INS/FDS/C-75	Asha Enviro	Valid Up to 04/07/2023

### Terms & Conditions:

- The above results pertain only to the sample tested.
- This certificate in full or in part shall not be used for advertising or legal action.
- Test Report cannot be re-produced except in full, without the written permission from the Laboratory.
- The sample will be destroyed after 15 days from the date of issue of test report for portable & non-portable items respectively.
- The above test is produced only for the product, process, services, management and/or person as per the approved by NABL.
- Consent is not established between the company and the client at the time the order is placed or contract is signed and shall be of the company's standard order (which are subject to change) and all applicable laws shall be payable by the client.
- NABL & CC recognition valid till 15/09/2024

Reviewed By

Kshitij Tambhane (TM Env.)  
Authorized Signatory

Authorized By

Raju Ghale (LMR)  
Authorized SignatoryPage 1 Of 1  
END OF REPORT

Survey No. 187/1, Plot No. 17-18, Shastrinagar, Kedgaon, Ahmednagar - 414 005, Maharashtra, India.

Ph.: +91- 0241-2550581, 2552681 E-mail: lab@rajasgroup.com Website: www.rajasgroup.com



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Registered Laboratory for Soil testing under Agriculture Department, Maharashtra State.



## TEST REPORT

RL-R20-01B

Report No.: RL/TR/2022/09-148

Issue Date: 10/10/2022

Name of Customer: M/S. BHAGYALAXMI ROLLING MILL PVT. LTD

Address of Customer:

Plot No. G-7, G-8, G-9, G-7 Part, G10-1, G10-2 Add. MIDC, Phase-II, Jalna.

Mobile: 9970400119

GSTIN- 27AADCB0390C1Z5

Sampling Plan Reference No.: 03/09

Date & Time of Sampling: 28<sup>th</sup> to 29<sup>th</sup> September 2022, 11:35 AM

Codification No: RLC-09/145

ENVIRONMENTAL CONDITIONS:

Min. Temperature 23°C

Max. Temperature 28°C

Sample Received On: 30/09/2022 Analysis Start On: 30/09/2022

SAMPLE REFERENCE

Sample Type Ambient air quality monitoring

Your Reference Verbal

Reference Date -

Sample ID -

Sample Location Furnace Shed

Latitude -

Longitude -

Sample Collected By RAJAS LABORATORIES

Min. Rel. Humidity 68.0%

Max. Rel. Humidity 82.0%

Completion of Analysis 10/10/2022

Sr. No.	Parameters	Result	Unit	Standard Values as per NAAQMS	Analysis Method
<b>Chemical Testing- 1.2.3. Atmospheric Pollution (Ambient Air)</b>					
1.	Sulfur Dioxide (SO <sub>2</sub> )	8.93	µg/m <sup>3</sup>	80	IS 5182 (Part 2):2001
2.	Oxides of Nitrogen (NO <sub>x</sub> )	15.22	µg/m <sup>3</sup>	80	IS 5182 (Part 6):2006
3.	Particulate Matter 10 (µ) (PM 10)	64.98	µg/m <sup>3</sup>	100	IS 5182 (Part 23):2006
4.	Particulate Matter 2.5 (µ) (PM 2.5)	23.56	µg/m <sup>3</sup>	60	CPCB Guidelines: NAAQMS/36/2012-13
5.	Ozone (O <sub>3</sub> )	10.25	µg/m <sup>3</sup>	100	IS 5182 (Part 9):1974
6.	Ammonia (NH <sub>3</sub> )	18.91	µg/m <sup>3</sup>	400	CPCB Guidelines: NAAQMS/36/2012-13
7.	Benzene (C <sub>6</sub> H <sub>6</sub> )	BDL [DL = 0.1]	µg/m <sup>3</sup>	5	IS 5182 (Part 11):2006
8.	Benzo-a-pyrene (BaP)	BDL [DL = 0.5]	ng/m <sup>3</sup>	1	CPCB Guidelines: NAAQMS/36/2012-13
9.	Carbon Monoxide (CO)	0.56	mg/m <sup>3</sup>	4	IS 5182 (Part 10):1999
10.	Lead (Pb)	BDL [DL = 0.1]	µg/m <sup>3</sup>	1	IS 5182 (Part 22):2004
11.	Arsenic (As)	BDL [DL = 2]	ng/m <sup>3</sup>	6	CPCB Guidelines: NAAQMS/36/2012-13
12.	Nickel (Ni)	BDL [DL = 5]	ng/m <sup>3</sup>	20	CPCB Guidelines: NAAQMS/36/2012-13

BDL = Below Detection Limit, DL = Detection Limit

Remark (If Any): With respect to above parameters, sample conforms to the standard values as per NAAQMS.

Sr. No.	Instrument ID	Make	Calibration Status
01.	RL/INS/RDS/C-73	Asha Enviro	Valid Up to 04/07/2023
02.	RL/INS/FDS/C-76	Asha Enviro	Valid Up to 04/07/2023

### Terms & Conditions:

- The above results pertain only to the sample tested.
- The certificate is for information and not for advertisement or legal action.
- Test Report cannot be produced except in full, without fee, within period from the Laboratory.
- The sample will be destroyed after 5 days & 1 month from the date of issue of test report for particulate & nitrogen dioxide respectively.
- The above stated protocol may vary depending on the product, process, service, or equipment and system or process is approved by NABL.
- There are no liabilities between the company and the client in the case the order is placed or contract is negotiated shall be on the company's standard rate (which is subject to change) and all applicable taxes shall be payable by the client.
- MS&P & CC recognizes and is ISO 15001:2015

Reviewed By

Kshitij Tamhane (TM Env.)  
Authorized Signatory

Authorized By

Riju Ghule (LMR)  
Authorized SignatoryPage 1 Of 1  
END OF REPORT

Survey No. 187/1, Plot No. 17-18, Shashinagar, Kedgaon, Ahmednagar - 414 305, Maharashtra, India

Ph.: +91-241-2500501, 2552891 E-mail: info@rjagroup.com Website: www.rjagroup.com





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ISO 9001:2015, ISO 14001:2015, ISO 45001:2018 Certified

Registered Laboratory for Soil testing under Agriculture Department, Maharashtra State.



## TEST REPORT

RL-R20-01B

Report No.: RL/TR/2022/09-149

Issue Date: 10/10/2022

Name of Customer: M/S. BHAGYALAXMI ROLLING MILL PVT. LTD		SAMPLE REFERENCE	
Address of Customer:		Sample Type	Ambient air quality monitoring
Plot No. G-7, G-8, G-9, G-7 Part, G10-1, G10-2 Add. MIDC, Phase-II, Jalna		Your Reference	Verbal
Mobile- 9970400119		Reference Date	-
GSTIN- 27AADCB0390C1Z5		Sample ID	-
Sampling Plan Reference No.: 03/09		Sample Location	Rolling Mill Shed
Date & Time of Sampling: 28 <sup>th</sup> to 29 <sup>th</sup> September 2022, 12.15 PM		Latitude	-
Codification No: RLC-09/146		Longitude	-
ENVIRONMENTAL CONDITIONS:		Sample Collected By	RAJAS LABORATORIES
Min. Temperature	21°C	Min. Rel. Humidity	69.0%
Max. Temperature	27°C	Max. Rel. Humidity	85.0%
Sample Received On: 30/09/2022	Analysis Start On: 30/09/2022	Completion of Analysis:	10/10/2022

Sr. No.	Parameters	Result	Unit	Standard Values as per NAAQMS	Analysis Method
Chemical Testing- 1.2.3. Atmospheric Pollution (Ambient Air)					
1.	Sulfur Dioxide (SO <sub>2</sub> )	9.85	µg/m <sup>3</sup>	80	IS 5182 (Part 2):2001
2.	Oxides of Nitrogen (NO <sub>x</sub> )	16.23	µg/m <sup>3</sup>	80	IS 5182 (Part 6):2006
3.	Particulate Matter 10 (µ) (PM 10)	68.93	µg/m <sup>3</sup>	100	IS 5182 (Part 23):2006
4.	Particulate Matter 2.5 (µ) (PM 2.5)	21.04	µg/m <sup>3</sup>	60	CPCB Guidelines: NAAQMS/36/2012-13
5.	Ozone (O <sub>3</sub> )	9.68	µg/m <sup>3</sup>	100	IS 5182 (Part 9):1974
6.	Ammonia (NH <sub>3</sub> )	19.58	µg/m <sup>3</sup>	400	CPCB Guidelines: NAAQMS/36/2012-13
7.	Benzene (C <sub>6</sub> H <sub>6</sub> )	BDL [DL = 0.1]	µg/m <sup>3</sup>	5	IS 5182 (Part 11):2006
8.	Benzo-a-pyrene (BaP)	BDL [DL = 0.5]	ng/m <sup>3</sup>	1	CPCB Guidelines: NAAQMS/36/2012-13
9.	Carbon Monoxide (CO)	0.54	mg/m <sup>3</sup>	4	IS 5182 (Part 10):1999
10.	Lead (Pb)	BDL [DL = 0.1]	µg/m <sup>3</sup>	1	IS 5182 (Part 22):2004
11.	Arsenic (As)	BDL [DL = 2]	ng/m <sup>3</sup>	6	CPCB Guidelines: NAAQMS/36/2012-13
12.	Nickel (Ni)	BDL [DL = 5]	ng/m <sup>3</sup>	20	CPCB Guidelines: NAAQMS/36/2012-13

BDL - Below Detection Limit, DL - Detection Limit

Remark (If Any): With respect to above parameters, sample conforms to the standard values as per NAAQMS.

Sr. No.	Instrument ID	Make	Calibration Status
01.	RL/INS/RDS/C-81	Asha Enviro	Valid Up to 04/07/2023
02.	RL/INS/FDS/C-82	Asha Enviro	Valid Up to 04/07/2023

### Terms & Conditions:

- The above results pertain only to the sample tested.
- This report may be full or in part and it can be used for advertising or legal action.
- This report cannot be reproduced except in full without the written permission from the Laboratory.
- The sample will be destroyed after 5 days & 1 month from the date of issue of test report as per standard & sample handling instructions respectively.
- The above stated product is not intended for the product, process, services, management and system or person supplied by State.
- There is no obligation between the company and the client in the case the order is placed in contract is regulated by the company's standard rate (which is subject to change) and all applicable taxes shall be payable by the client.
- 34407 & CC registration valid till 15/11/2024

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Kshitij Tamhane (TM Env.)  
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Raju Ghule (I.MR)  
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Registered Laboratory for Soil testing under Agriculture Department, Maharashtra State.



## TEST REPORT

RL-R20-01C

Issue Date: 10/10/2022

Report No.: RL/TR/2022/09-150		Issue Date: 10/10/2022	
Name of Customer: M/S. BHAGYALAXMI ROLLING MILL PVT. LTD		SAMPLE REFERENCE	
Address of Customer: Plot No. G-7, G-8, G-9, G-7 Part, G10-1, G10-2 Add. MIDC, Phase-II, Jalna.		Sample Type	Stack Emission Monitoring
Mobile- 9970400119		Your Reference	Verbal
GSTIN- 27AADC0390C1Z5		Reference Date	-
Sampling Plan Reference No.: 03/09		Sample ID	-
Date & Time of Sampling: 28 <sup>th</sup> September 2022, 01:30 PM		Sample Location	Furnace Stack - I
Codification No: RL/C-09/147		Latitude	-
STACK DETAILS:		Longitude	-
Stack ID	1	Sample Collected By	RAJAS LABORATORIES
Stack Height	30 Meters	Stack Material	MS
Stack Fuel	-	Fuel Consumption	-
Sample Received On: 30/09/2022	Analysis Start On: 30/09/2022	Flue Gas Temperature	59.1°C
		Flue Gas Velocity	3.1 m/s
		Completion of Analysis:	10/10/2022

Sr. No.	Parameters	Result	Unit	Standard Values as per MPCB Consent	Analysis Method
Chemical Testing- 1.2.3. Atmospheric Pollution (Stack Emission)					
1	Sulfur Dioxide (SO <sub>2</sub> )	4.33	ppm	Not to exceed 80 ppm	IS 11255 (Part 2) : 1985
2	Total Particulate Matter (TPM)	63.80	mg/Nm <sup>3</sup>	Not to exceed 150 mg/Nm <sup>3</sup>	IS 11255 (Part 1) : 1985
3	Oxides of Nitrogen (NO <sub>x</sub> )	1.09	ppm	Not to exceed 80 ppm	IS 11255 (Part 7) : 2005

Remark (If Any): The above parameters are within MPCB limits.

Sr. No.	Instrument ID	Make	Calibration Status
01.	RL/INS/STK/C-80	Asha Enviro	Valid Up to 04/07/2023

BDL = Below Detection Limit, DL = Detection Limit

### Terms & Conditions:

- The above results pertain only to the sample tested.
- This certificate in full or in part shall not be used for advertising or legal action.
- The client must ensure the sample is properly labeled, without the written permission from the Laboratory.
- The sample will be destroyed after 3 days & 4 months from the date of issue of the report for particulate & oxides respectively.
- The above responsibility is not implied by the product, process, services, management and system or person approved by NABL.
- Do not contradict between the certificate and the client at the time the order is placed or modified or reported shall be at the company's standard rate (Which are subject to change) and all applicable taxes shall be payable by the client.
- NABL & CC recognition valid till 15/10/2024.

Reviewed By

Kshiraj Tamhane (TM Env.)  
Authorized Signatory

Authorised By

Raju Ghule (I.MR)  
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## TEST REPORT

RL-R20-01C

Issue Date: 10/10/2022

Report No.: RL/TR/2022/09-151	SAMPLE REFERENCE	
Name of Customer: M/S. BHAGYALAXMI ROLLING MILL PVT. LTD	Sample Type	Stack Emission Monitoring
Address of Customer: Plot No. G-7, G-8, G-9, G-7 Part, G10-1, G10-2 Add. MIDC, Phase-II, Jalna.	Your Reference	Verbal
Mobile- 9970400119	Reference Date	-
GSTIN- 27AADCB0390C1Z5	Sample ID	-
Sampling Plan Reference No.: 03/09	Sample Location	Furnace Stack - 2
Date & Time of Sampling: 28 <sup>th</sup> September 2022, 02:45 PM	Latitude	-
Codification No. RLC-09/148	Longitude	-
STACK DETAILS:	Sample Collected By	RAJAS LABORATORIES
Stack ID	Stack Material	MS
Stack Height	Fuel Consumption	-
Stack Fuel	Flue Gas Temperature	62.7°C
Sample Received On: 30/09/2022	Flue Gas Velocity	3.5 m/s
Analysis Start On: 30/09/2022	Completion of Analysis:	10/10/2022

Sr. No.	Parameters	Result	Unit	Standard Values as per MPCB Consent	Analysis Method
Chemical Testing- 1.2.3. Atmospheric Pollution (Stack Emission)					
1.	Sulfur Dioxide (SO <sub>2</sub> )	5.14	ppm	Not to exceed 80 ppm	IS 11255 (Part 2) : 1985
2.	Total Particulate Matter (TPM)	63.44	mg/Nm <sup>3</sup>	Not to exceed 150 mg/Nm <sup>3</sup>	IS 11255 (Part 1) : 1985
3.	Oxides of Nitrogen (NO <sub>x</sub> )	2.18	ppm	Not to exceed 80 ppm	IS 11255 (Part 7) : 2005

Remark (If Any): The above parameters are within MPCB limits.

Sr. No.	Instrument ID	Make	Calibration Status
01.	RL/INS/STK/C-80	Asha Enviro	Valid Up to 04/07/2023

BDL = Below Detection Limit, DL = Detection Limit

### Terms & Conditions:

- The client must be present only to the sample tested.
- This report is valid only for the purpose stated in the report and not for any other purpose.
- This report cannot be reproduced except in full, without the written permission from the Laboratory.
- The sample will be destroyed after 7 days & 1 month from the date of issue of test report for portable & non-portable tests respectively.
- The above stated conditions apply to the product, process, services, management and system as approved by NABL.
- Any cost involved for the company and the client in the case of the client is placed on contract is negotiated shall be at the company's standard rate (Which is subject to change) and all applications shall be payable by the client.
- MS&P & CC recognition valid till 15/01/2024

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Kshitij Tamhane (TM Env.)  
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Authorized By

Raju Ghule (LMR)  
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## TEST REPORT

RL-R20-01C

Report No.: RL/TR/2022/09-152

Issue Date: 10/10/2022

Name of Customer: M/S. BHAGYALAXMI ROLLING MILL PVT. LTD

Address of Customer:

Plot No. G-7, G-8, G-9, G-7 Part, G10-1, G10-2 Add. MIDC, Phase-II, Jalna.

Mobile- 9970400119

GSTIN- 27AADCB0390C1Z5

Sampling Plan Reference No.: 03/09

Date & Time of Sampling: 28<sup>th</sup> September 2022, 04:10 PM

Codification No: RLC-09/149

STACK DETAILS:

Stack ID: 3

Stack Height: 30 Meters

Stack Fuel: -

Sample Received On: 30/09/2022

Analysis Start On: 30/09/2022

### SAMPLE REFERENCE

Sample Type: Stack Emission Monitoring

Your Reference: Verbal

Reference Date: -

Sample ID: -

Sample Location: Furnace Stack - 3

Latitude: -

Longitude: -

Sample Collected By: RAJAS LABORATORIES

Stack Material: MS

Fuel Consumption: -

Flue Gas Temperature: 68.4°C

Flue Gas Velocity: 4.1 m/s

Completion of Analysis: 10/10/2022

Sr. No.	Parameters	Result	Unit	Standard Values as per MPCB Consent	Analysis Method
<b>Chemical Testing- I.2.3. Atmospheric Pollution (Stack Emission)</b>					
1.	Sulfur Dioxide (SO <sub>2</sub> )	4.23	ppm	Not to exceed 80 ppm	IS 11255 (Part 2) : 1985
2.	Total Particulate Matter (TPM)	62.51	mg/Nm <sup>3</sup>	Not to exceed 150 mg/Nm <sup>3</sup>	IS 11255 (Part 1) : 1985
3.	Oxides of Nitrogen (NO <sub>x</sub> )	1.17	ppm	Not to exceed 80 ppm	IS 11255 (Part 7) : 2005

Remark (If Any): The above parameters are within MPCB limits.

Sr. No.	Instrument ID	Make	Calibration Status
01.	RL/INS/STK/C-80	Asha Enviro	Valid Up to 04/07/2023

BDL = Below Detection Limit, DL = Detection Limit

### Terms & Conditions:

1. The above results pertain only to the sample tested.
2. This certificate is valid for 30 days from the date of issue. It shall not be used for advertising or legal action.
3. Test Report cannot be reproduced except in full, without the written permission from the Laboratory.
4. The sample will be destroyed after 5 days of the date of the report, unless the client requests for the sample to be retained for the purpose of re-testing.
5. The above stated production data implies that the product, process, service, management and system is in compliance with the relevant standards.
6. There is no warranty between the company and the client as the time the order is placed or contract is registered shall be at the company's standard rate (which is subject to change) and all opportunities shall be complete by the client.
7. MoEF & CC, registration no. 11/11/2014.

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Kshitij Tamhane (TM Env.)  
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Raju Ghule (LMR)  
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## TEST REPORT

RL-R20-01C

Report No.: RL/TR/2022/09-153

Issue Date: 10/10/2022

Name of Customer: M/S. BHAGYALAXMI ROLLING MILL PVT. LTD

Address of Customer:

Plot No. G-7, G-8, G-9, G-7 Part, G10-1, G10-2 Add. MIDC, Phase-II, Jalna.

Mobile- 9970400119

GSTIN- 27AADCB0390C1Z5

Sampling Plan Reference No.: 03/09

Date & Time of Sampling: 29<sup>th</sup> September 2022, 11.00 AM

Codification No- RLC-09/150

STACK DETAILS:

Stack ID

4

Stack Height

30 Meters

Stack Fuel

-

Sample Received On: 30/09/2022

Analysis Start On: 30/09/2022

### SAMPLE REFERENCE

Sample Type

Stack Emission Monitoring

Your Reference

Verbal

Reference Date

-

Sample ID

-

Sample Location

Reheating Stack - 4

Latitude

-

Longitude

-

Sample Collected By

RAJAS LABORATORIES

Stack Material

MS

Fuel Consumption

Flue Gas Temperature

65.0°C

Flue Gas Velocity

2.7 m/s

Completion of Analysis: 10/10/2022

Sr. No.	Parameters	Result	Unit	Standard Values as per MPCB Consent	Analysis Method
Chemical Testing- 1.2.3. Atmospheric Pollution (Stack Emission)					
1.	Sulfur Dioxide (SO <sub>2</sub> )	6.38	ppm	Not to exceed 80 ppm	IS 11255 (Part 2) : 1985
2.	Total Particulate Matter (TPM)	75.21	mg/Nm <sup>3</sup>	Not to exceed 150 mg/Nm <sup>3</sup>	IS 11255 (Part 1) : 1985
3.	Oxides of Nitrogen (NOx)	1.86	ppm	Not to exceed 80 ppm	IS 11255 (Part 7) : 2005

Remark (If Any): The above parameters are within MPCB limits.

Sr. No.	Instrument ID	Make	Calibration Status
01	RL/INS/STK/C-80	Asha Enviro	Valid Up to 04/07/2023

BDL - Below Detection Limit, DL - Detection Limit

### Terms & Conditions:

- The above results are only for the sample tested.
- This certificate is for information only and is not a legal document.
- This report cannot be reproduced except in full, without the written permission of the laboratory.
- The sample will be destroyed after 30 days of the date of test report for perfolable & exportable items only.
- The above stated product name may not be the product, process, service, management and system as per approved by NABL.
- Test not conducted before the company visit the client or before the order is placed on contract (except and hold) in the company's standard rate (which is subject to change) and all applicable taxes shall be payable by the client.
- NABL & CC recognition no. 10115012021

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Kshiraj Tamhane (TM Env.)  
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Raju Ghule (LMR)  
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## TEST REPORT

RL-R20-01D

Report No.: RL/TR/2022/09-154	Issue Date: 10/10/2022																
Name of Customer: M/S. BHAGYALAXMI ROLLING MILL PVT. LTD	SAMPLE REFERENCE																
Address of Customer: Plot No. G-7, G-8, G-9, G-7 Part, G10-1, G10-2 Add. MIDC, Phase-II, Jalna. Mobile- 9970460119 GSTIN- 27AADCB0390C1Z5	<table> <tr> <td>Sample Type</td><td>Ambient noise level monitoring</td></tr> <tr> <td>Codification No</td><td>RLC-09/151</td></tr> <tr> <td>Your Reference</td><td>Verbal</td></tr> <tr> <td>Reference Date</td><td>-</td></tr> <tr> <td>Sample ID</td><td>-</td></tr> <tr> <td>Sample Location</td><td>-</td></tr> <tr> <td>Latitude</td><td>-</td></tr> <tr> <td>Longitude</td><td>-</td></tr> </table>	Sample Type	Ambient noise level monitoring	Codification No	RLC-09/151	Your Reference	Verbal	Reference Date	-	Sample ID	-	Sample Location	-	Latitude	-	Longitude	-
Sample Type	Ambient noise level monitoring																
Codification No	RLC-09/151																
Your Reference	Verbal																
Reference Date	-																
Sample ID	-																
Sample Location	-																
Latitude	-																
Longitude	-																
Sampling Plan Reference No.: 03/09																	
Date & Time of Sampling: 28 <sup>th</sup> September 2022, 11.00 AM																	
Sample Collected By: RAJAS LABORATORIES																	
Sample Received On: 30/09/2022	Analysis Start On: 30/09/2022																
	Completion of Analysis: 10/10/2022																

Sr. No.	Parameters	Result	Unit	Standard Values as per general CPCB guidelines	Analysis Method
Chemical Testing- 1.2.3. Atmospheric Pollution (Ambient Noise Levels -Excluding vibration)					
DAY					CPCB's Protocol for Ambient Noise Level Monitoring-2015
1.	Main Gate	68.5	dB(A)	75	
2.	Parking Area	62.3			
3.	Admin Office	64.9			
NIGHT					
1.	Main Gate	63.7	dB(A)	70	
2.	Parking Area	57.9			
3.	Admin Office	44.1			

Remark (If Any): Above readings conforms to standard values as per CPCB guidelines.

Sr. No.	Instrument ID	Make	Calibration Status
01.	RL/INS/NM/C-77	HTC SL-1350	Valid Up to 04/07/2023

### Terms & Conditions:

- The above results pertain only to the sample tested.
- The certificate or bill or report will not be used for advertising or legal action.
- The report cannot be reproduced except in full, without the written permission from the Laboratory.
- The sample will be destroyed after 5 days from the date of issue of report for provable & substantiable reasons respectively.
- The above stated product is not a guarantee that the product, process, service, management system or person is approved by NABL.
- The relationship between the company and the client is that the client places or contract is signed and valid in the company's standard rate (Which are subject to change) and all applicable taxes shall be payable by the client.
- NABL: 603, recognized valid till 15/01/2024

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Kshiti Tamhane (TM Env.)  
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Raju Ghule (LMR)  
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## TEST REPORT

RI-R20-01D

Report No.: RL/TR/2022/09-155	Issue Date: 10/10/2022
Name of Customer: M/S. BHAGYALAXMI ROLLING MILL PVT. LTD	SAMPLE REFERENCE
Address of Customer: Plot No. G-7, G-8, G-9, G-7 Part, G10-1, G10-2 Add. MIDC, Phase-II, Jalna. Mobile- 9970400119 GSTIN- 27AADCB0390C1Z5	Sample Type: Work place noise monitoring Codification No: RLC-09/152 Your Reference: Verbal Reference Date: - Sample ID: - Latitude: - Longitude: -
Sampling Plan Reference No.: 03/09	
Date & Time of Sampling: 28 <sup>th</sup> September 2022, 03.30 PM	
Sample Collected By: RAJAS LABORATORIES	
Sample Received On: 30/09/2022	Analysis Start On: 30/09/2022
	Completion of Analysis: 10/10/2022

Sr. No.	Parameters	Result	Unit	Standard Values as per general CPCB guidelines	Analysis Method
Chemical Testing- 1,2,3. Atmospheric Pollution (Ambient Noise Levels -Excluding vibration)					
1.	Furnace Shed	62.8	dB(A)	90	RL-SOP-C-34, Ver.001, Issue Date 01 April,2022
2.	Casting Area	65.9			
3.	Raw Material Handling Unit	53.4			

Remark (If Any):

Sr. No.	Instrument ID	Make	Calibration Status
01.	RL/INS/NM/C-77	HTC SL-1350	Valid Up to 04/07/2023

### Terms & Conditions:

- The above results are only for the sample tested.
- This certificate is valid for use as evidence of compliance only.
- This certificate cannot be used for legal purposes without the written permission from the Laboratory.
- The sample will be destroyed after 3 days & 1 month from the date of issue of test report for portable & sample table test respectively.
- The above test results are only for the product, process, service, management and system as per the approval of NABL.
- For any complaint between the company and the client at the time the order is placed or contract is signed and shall be at the company's sole risk (Which is subject to change) and all appearance shall be payable by the client.
- NABL & CC recognition valid till 12/01/2024.

Reviewed By

Kshitij Tamhane (TM Env.)  
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Raju Ghule (LMR)  
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## TEST REPORT

RL-R20-01A

Issue Date: 10/10/2022

Report No: RL/TR/2022/09-156

Name of Customer: M/S. BHAGYALAXMI ROLLING MILL PVT. LTD

Address of Customer:

Plot No. G-7, G-8, G-9, G-7 Part, G10-1, G10-2 Adj. MDC, Phase-II, Jalna.

Mobile- 9970400119

GSTIN- 27AADCB0390C1Z5

### SAMPLE REFERENCE

Sample Name	Surface Water
Nature of Sample	Colourless Clear Liquid
Brand Name	-
Batch No.	-
Sample Container	Plastic Container
Sample Quantity	Chemical-5 Liters
Mfg. In/Used By	-
Date of Sampling & Time	29/09/2022, 10:00 AM
Location of Sampling	Moti Pond
Environmental Condition	Stored at 2-8°C
Expiry Date	-
Mfg. By:	-

Sampling Method: RL-MSP-P38

Sampling Plan: 03/09

Unique Identification of the item: NA

Codification No: RLC-09/153 &amp; RLM-09/30

Sample Collected By: RAJAS LABORATORIES

Sample Received On: 30/09/2022

Analysis Start On: 30/09/2022

Completion of Analysis: 10/10/2022

Sr. No.	Parameters	Results	Standard Values	Unit	Analysis Method
<b>Chemical Testing- 1.2.42. Water (Surface Water)</b>					
1.	Colour	BDL [DL-1]	-	Hazen	IS 3025(Part 4):2011
2.	Temperature	24.5	-	°C	APHA 23 <sup>rd</sup> EDITION:2017
3.	pH at 25°C	7.31	-	-	IS 3025 (Part 11):1983 (Reaffirmed 2017)
4.	Calcium as Ca	43.35	-	mg/l	IS 3025 (Part 40):1993(Reaffirmed 2019)
5.	Magnesium as Mg	17.15	-	mg/l	APHA 23 <sup>rd</sup> EDITION:2017
6.	Chloride as Cl	75.89	-	mg/l	IS 3025 (Part 32):1988 (Reaffirmed 2019)
7.	Total Alkalinity as CaCO <sub>3</sub>	155.26	-	mg/l	IS 3025 (Part 23):1986 (Reaffirmed -2019)
8.	Total Dissolved Solids at 180°C	342.96	-	mg/l	IS 3025 (Part 16):1984 (Reaffirmed 2017)
9.	Total Hardness as CaCO <sub>3</sub>	108.22	-	mg/l	IS 3025 (Part 21):2009 (Reaffirmed 2019)
10.	Turbidity	1.85	-	NTU	IS 3025 (Part 10):1984 (Reaffirmed 2017)
11.	Electrical Conductivity at 25°C	312.12	-	µS/cm	IS 3025 (Part 14):1984 (Reaffirmed 2019)
12.	Fluoride (as F)	BDL [DL-0.1]	-	mg/l	IS 3025(Part 60):2008
13.	Sulphate (as SO <sub>4</sub> )	47.56	-	mg/l	IS 3025(Part 24):1986 (Reaffirmed 2009)
14.	Ammonia (as NH <sub>3</sub> )	BDL [DL-0.1]	-	mg/l	APHA 23 <sup>rd</sup> EDITION:2017 4500-NH <sub>3</sub> C
15.	Nitrate (as NO <sub>3</sub> )	1.01	-	mg/l	IS 3025(Part 34):1988 (Reaffirmed 2019)
16.	Nitrite (as NO <sub>2</sub> )	BDL [DL-1]	-	mg/l	IS 3025(Part 34):1988 (Reaffirmed 2019)
17.	Phosphate (as PO <sub>4</sub> )	1.41	-	mg/l	IS 3025(Part 31):1988 (Reaffirmed 2021)
18.	Dissolved Oxygen	7.33	-	mg/l	APHA 23 <sup>rd</sup> EDITION:2017
19.	Calcium Hardness	109.65	-	mg/l	IS 3025 (Part 40):1991(Reaffirmed 2019)
20.	Phenolphthalein Alkalinity	BDL [DL-5]	-	mg/l	IS 3025 (Part 25):1986 (Reaffirmed -2019)
21.	Sodium (as Na)	36.12	-	mg/l	IS 3025 (Part 45):1993 (Reaffirmed -2019)
22.	Potassium (as K)	7.83	-	mg/l	IS 3025 (Part 45):1993 (Reaffirmed -2019)
23.	Chemical Oxygen Demand (COD)	24.00	-	mg/l	IS 3025 (Part 58)(Reaffirmed - 2017)
24.	Biochemical Oxygen Demand (BOD)	7.50	-	mg/l	IS 3025 (Part 44)(Reaffirmed - 2019)
<b>Biological Testing- 1.1.28. Water (Surface Water)</b>					
1.	Total coliform	1600	-	MPN/100ml	IS 1622-1981 (Reaffirmed-2019)
2.	Faecal coliform	220	-	MPN/100ml	IS 1622-1981 (Reaffirmed-2019)
3.	E. coli	Present	-	MPN/100ml	IS 1622-1981 (Reaffirmed-2019)

Remark (If Any):

Terms &amp; Conditions:

1. This report is valid only for the sample tested.
2. This report is valid only for the purpose for which it was issued for reference or legal action.
3. This report is not to be used for any other purpose without the written permission of the laboratory.
4. The sample will be destroyed after 30 days of the date of the report unless otherwise specified in writing by the client.
5. The client shall provide all necessary information, including sample collection, storage, handling and disposal, as required by the laboratory.
6. The client shall provide all necessary information, including sample collection, storage, handling and disposal, as required by the laboratory.
7. The client shall provide all necessary information, including sample collection, storage, handling and disposal, as required by the laboratory.

Reviewed By

*[Signature]*  
 Lomate (TM Chem) & Pawar (TM Micro)  
 Authorized Signatory



Authorized By

*[Signature]*  
 Raja Ghale (LMR)  
 Authorized Signatory

Page 1 Of 1  
END OF REPORT

Survey No. 18771, Plot No. 17-18, Shastrinagar, Kedgaon, Ahmednagar - 414 035, Maharashtra, India.

Ph: +91- 0241-2550581, 2552831 E-mail: lab@rajasgroup.com Website: www.rajasgroup.com





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## TEST REPORT

RL-R20-01A

Report No.: RL/TR/2022/09-157

Issue Date: 10/10/2022

Name of Customer: M/S. BHAGYALAXMI ROLLING MILL PVT. LTD

Address of Customer:

Plot No. G-7, G-8, G-9, G-7 Part, G10-1, G10-2 Adj. MIDC, Phase-II, Jalna.

Mobile: 9921400119

GSTIN: 27AADCB090C1Z5

### SAMPLE REFERENCE

Sample Name	Ground Water
Nature of Sample	Colourless Clear Liquid
Brand Name	-
Batch No.	-
Sample Container	Plastic Container
Sample Quantity	Chemical-5 Liters
Mfg. Dt./Used By	-
Date of Sampling & Time	29/09/2022, 11:15 AM
Location of Sampling	Dhoregaon Village
Environmental Condition	Stored at 2-8°C
Expiry Date	-
Mfg. By	-

Sampling Method: RL-MSP-P18

Sampling Plan: 03A09

Unique Identification of the Item: NA.

Codification No: RLC-09/154 &amp; RLM-09/31

Sample Collected By: RAJAS LABORATORIES

Sample Received On: 30/09/2022

Analysis Start On: 30/09/2022

Completion of Analysis: 10/10/2022

Sr. No.	Parameters	Results	Standard Values	Unit	Analysis Method
---------	------------	---------	-----------------	------	-----------------

### Chemical Testing- 1.2.42. Water (Ground Water)

1.	Colour	BDL [DL=1]	-	Hazen	IS 3025(Part 4):2021
2.	Temperature	24.8	-	°C	APHA 23 <sup>rd</sup> EDITION:2017
3.	pH at 25°C	7.42	-	-	IS 3025 (Part 11):1983 (Reaffirmed 2017)
4.	Calcium as Ca	84.33	-	mg/l	IS 3025 (Part 40):1991(Reaffirmed 2019)
5.	Magnesium as Mg	28.12	-	mg/l	APHA 23 <sup>rd</sup> EDITION:2017
6.	Chloride as Cl	114.78	-	mg/l	IS 3025 (Part 32): 1988 (Reaffirmed 2019)
7.	Total Alkalinity as CaCO <sub>3</sub>	201.11	-	mg/l	IS 3025 (Part 23): 1986 (Reaffirmed -2019)
8.	Total Dissolved Solid at 180°C	496.87	-	mg/l	IS 3025 (Part 16): 1984 (Reaffirmed 2017)
9.	Total Hardness as CaCO <sub>3</sub>	224.63	-	mg/l	IS 3025 (Part 21): 2009 (Reaffirmed 2019)
10.	Turbidity	1.52	-	NTU	IS 3025 (Part 10): 1984 (Reaffirmed 2017)
11.	Electrical Conductivity at 25°C	248.23	-	µS/cm	IS 3025 (Part 14):1984 (Reaffirmed 2019)
12.	Fluoride (as F)	BDL [DL=0.1]	-	mg/l	IS 3025(Part 60): 2008
13.	Sulphate (as SO <sub>4</sub> )	66.59	-	mg/l	IS 3025(Part 24):1986 (Reaffirmed 2009)
14.	Ammonia (as NH <sub>3</sub> )	BDL [DL=0.1]	-	mg/l	APHA 23 <sup>rd</sup> EDITION:2017 4500-NH <sub>3</sub> C
15.	Nitrate (as NO <sub>3</sub> )	1.02	-	mg/l	IS 3025(Part 34):1988 (Reaffirmed 2019)
16.	Nitrite (as NO <sub>2</sub> )	BDL [DL=1]	-	mg/l	IS 3025(Part 34):1988 (Reaffirmed 2019)
17.	Phosphate (as PO <sub>4</sub> )	1.54	-	mg/l	IS 3025(Part 31):1988 (Reaffirmed 2021)
18.	Dissolved Oxygen	1.07	-	mg/l	APHA 23 <sup>rd</sup> EDITION:2017
19.	Calcium Hardness	211.03	-	mg/l	IS 3025 (Part 40):1991(Reaffirmed 2019)
20.	Phenolphthaleim Alkalinity	BDL [DL=5]	-	mg/l	IS 3025 (Part 23): 1986 (Reaffirmed -2019)
21.	Sodium (as Na)	26.38	-	mg/l	IS 3025 (Part 45): 1993 (Reaffirmed -2019)
22.	Potassium (as K)	5.58	-	mg/l	IS 3025 (Part 45): 1993 (Reaffirmed -2019)
23.	Chemical Oxygen Demand (COD)	14.63	-	mg/l	IS 3025 (Part 38) (Reaffirmed - 2017)
24.	Biochemical Oxygen Demand (BOD)	3.60	-	mg/l	IS 3025 (Part 44) (Reaffirmed - 2019)

### Biological Testing- 1.1.28. Water (Ground Water)

1.	Total coliform	500	-	MPN/100ml	IS 1622-1981 (Reaffirmed-2019)
2.	Fecal coliform	1	-	MPN/100ml	IS 1622-1981 (Reaffirmed-2019)
3.	E. coli	Absent	-	MPN/100ml	IS 1622-1981 (Reaffirmed-2019)

Remark (If Any):

### Terms & Conditions:

- The above results pertain only to the sample tested.
- The results are valid for a period of 3 months from the date of issue of the report.
- The sample should be stored in a cool, dry place, away from direct sunlight, and should be used within 24 hours of receipt.
- The results are valid for a period of 3 months from the date of issue of the report. The results are subject to change if the sample is not used within the specified period.
- The results are valid for a period of 3 months from the date of issue of the report. The results are subject to change if the sample is not used within the specified period.
- The results are valid for a period of 3 months from the date of issue of the report. The results are subject to change if the sample is not used within the specified period.
- The results are valid for a period of 3 months from the date of issue of the report. The results are subject to change if the sample is not used within the specified period.

Reviewed By

*[Signature]*  
 Lomate (TM Chem) & Pawar (TM Micro)  
 Authorized Signatory



Authorized By

*[Signature]*  
 Raju Ghule (LMR)  
 Authorized Signatory

Page 1 Of 1

END OF REPORT

Survey No. 187/1, Plot No. 17-18, Shastrinagar, Redgaon, Ahmednagar - 414 005, Maharashtra, India.

Ph: +91-0241-2553551, 2552661 E-mail: lab@rajasgroup.com Website: www.rajasgroup.com





भारत सरकार  
GOVERNMENT OF INDIA  
पर्यावरण, वन एवं जलवायु परिवर्तन मंत्रालय  
MINISTRY OF ENVIRONMENT, FORESTS  
& CLIMATE CHANGE

Integrated Regional Office  
Ground Floor, East Wing  
New Secretariat Building  
Civil Lines, Nagpur - 440001  
E-mail: apccfcentral-ngp-mef@gov.in

F.No:EC-1308/RON/2021-NGP/ 8725

Date: 11.10.2021

To,

The Member Secretary  
SEIAA, Govt. of Maharashtra  
Environment Department,  
Government of Maharashtra  
2<sup>nd</sup> Floor, Mantralaya, Annexe  
Mumbai-400032

Sub: Environmental Clearance granted for proposed expansion of billet manufacturing facility (350 to 750 MTD) by M/s. Bhagyalaxmi Rolling Mill Pvt Ltd., Plot no. G-8, Additional MIDC area, Jalna, Maharashtra

Ref:

1. SEIAA, Maharashtra vide letter no. SEAC-2014/CR 32/TC-2 dated 30.09.2014

Madam,

I am directed to invite your kind attention on the above subject and letter under reference. Site inspection of project for the manufacturing of MS billets with capacity of 750 MTPD by M/s. Bhagyalaxmi Rolling Mill Pvt Ltd. located at Plot no. G-8, Additional MIDC area, Jalna, Maharashtra has been carried out on 08.07.2021. Inspection report is enclosed herewith. Following observations were made during the site inspection:

SEIAA, Government of Maharashtra vide letter 30.09.2014 granted environmental clearance for the expansion of the billet manufacturing facility 350 TPD to 750 TPD. The effluent generated from the quenching process is treated in the sedimentation tank. Treated water is being reused for quenching. Primary side suction and secondary top suction systems have been provided for the induction furnace. Both the systems are connected to bag filter. Environmental quality is being monitored through external laboratory. Plantation of 6000 no.s of saplings carried out in Miyawaki method over an area of 2024.26 sq.m. In addition to above, plantation of 1552 no.s of saplings of different species was carried out in and around the plant area. During site inspection, housekeeping in the plant found to be good.



**Following conditions were partially complied:**

**Condition no. xii & xiii:**

Ambient and work zone noise levels are being monitored at 3 locations each. As per the monitoring data, the equivalent noise levels found to be within prescribed standards.

Personnel Protective Equipment (PPE) has been provided for the employees. There is no clarity in the monitoring report whether monitoring is being carried out during day time or night time. PP shall carry out the monitoring during day and night times.

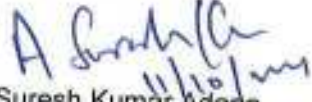
**Condition no. xxvi:**

Advertisement has been made however the clause of seven days was not followed.

**Condition no. xxviii & xxix:**

PP did not upload the copies of EC, six monthly compliance report to project website.

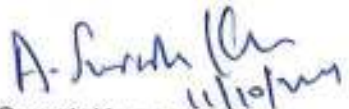
This issues with the approval of Regional Officer, Integrated Regional Office, Nagpur.

  
Suresh Kumar Adapa  
Scientist 'E'

**Encl: as above**

**Copy**

1. The Additional Director (Monitoring Cell), Ministry of Environment, Forest & Climate Change, Indira Paryavaran Bhawan, Aliganj, Jorbagh Road, New Delhi-110003
2. M/s. Bhagyalaxmi Rolling Mill Pvt Ltd., Plot no. G-8, Additional MIDC area, Jalna, Maharashtra (Project shall submit action taken report against the non/partial compliances raised in the monitoring report)

  
Suresh Kumar Adapa  
Scientist 'E'





**Monitoring Report**  
**Part I**  
**Data Sheet**

1.	Project Type: River-Valley/Mining/Industry Thermal/Nuclear/Other(specify)	:	Industry
2.	Name of the Project	:	Manufacturer of Ms Billets (750TPD) at Plot No. G-8, Add. MIDC area, Jalna, Dist. Jalna, By M/s: <b>Bhagyalaxmi Rolling Mills Pvt. Ltd.,</b> Jalna. (Maharashtra).
3.	Clearance Letter (s)/OM No, &dt	:	SEAC-2014 CR-32, TC-2 Dtd. 30.09.2014
4.	Location: a) District (s) b) State (s) c) Location Latitude/ Longitude	:	Jalna Maharashtra Lat.19°50'54'' N/ Long.75°50'16''E
5.	Address for Correspondence a) Address of the Concerned Project Chief Engineering (with pin code and telephone/telephex/fax numbers):  b) Address of Executive Project Engineer/ Manager (pin code fax numbers)	:	Mr. Nitin Kabra (Director) M/s: Bhagyalaxmi Rolling Mills Pvt. Ltd. Plot No: G8, Additional MIDC Phase II Jalna Dist, Jalana. 431203(Maharashtra) 02482 221435/221391/221844/221834 -do-
6.	Salient features a) Of the Project b) Of the EMP	:	The manufacturing of MS Billets has been envisaged in the project using induction furnace and continuous casting stands; expansion EC accorded to the project with grant permission of production upto 750MTD.
7.	Breakup of the Project Area a) Submergence area: forest & non-forest b) others	:	MIDC plot area:18475m <sup>2</sup> No forest land.
8.	Breakup of the Project affected population with enumeration of those losing houses/ dwelling units only agricultural land only, both dwelling units and agricultural land and landless laborers/ artisans: a) SC, ST/ ADIVASI b) Others (please indicate whether these figures are based on any scientific and systematic survey carried out or only provisional figures if a survey is carried out give details and year of survey)	:	NA
9.	Financial details: a) Project cost as originally planned and subsequent revised estimates and the year wise break up. b) Allocation made for EMP with item wise and year wise break up. c) BC raito/IRR and the year of assessment d) Whether © includes the cost of EMP as shown in the above e) Actual expenditure incurred on the project so far f) Actual expenditure incurred on the EMP so far	:	Estimated capital cost of the project: Rs 35.00 Cr
10.	Forest Land Requirement: a) The status of approval for diversion of forest land for non-forestry use	:	NA



	b) The status of clearing felling c) The status of CA, if any d) Comments on the viability and sustainability of CA program in the light of actual field experience so far		
11.	The status of clear felling in non-forest areas (such as submergence area of reservoir, approach road,) if any with quantitative information required.	:	NA
12.	Status of construction (actual &/ planned) a) Date of commencement b) Date of completion	:	Commencement work after SEIAA accorded the EC. Project completed in 2016
13.	Reasons for delay if the project is year to start	:	-
14.	Dates of site visits a) The dates on which the project was mentioned by Regional Office on previous occasion, if any b) Date of site visits for this monitoring report	:	08.07.2021
15.	Details of correspondence with project authorities for obtaining act on plans/ information on status of compliance to safeguards other than the routine letters for logistic support for site visits). (the first monitoring report may contain the details of all the letters issued so far, but the later report may cover only the letter issued subsequently)	:	As above

Compliance status of conditions stipulated in Environmental Clearance granted for proposed expansion of billet manufacturing facility (350 to 750 MTD) by M/s. Bhagyalaxmi Rolling Mill Pvt Ltd., Plot no. G-8, Additional MIDC area, Jalna, Maharashtra granted by SEIAA, Maharashtra vide letter no. SEAC-2014/CR 32/TC-2 dated 30.09.2014

S.No.	Condition	Compliance Status
i.	No additional land shall be used/ acquired for any activity of the project without obtaining proper permission.	As per the details provided, the plant has been established in 18475 sq.m. of land allotted by MIDC.
ii.	This environmental clearance is issued subject to obtaining NOC from Forestry & Wild life angle including clearance from the standing committee of the National Board for Wild life as if applicable & this environment clearance does not necessarily implies that Forestry & Wild life clearance granted to the project which will be considered separately on merit.	Project is located in MIDC area. Project is not located within 10 km.s of any eco-sensitive area.
iii.	For controlling the fugitive natural dust, regular sprinkling of water & wind shields at appropriate distances at vulnerable areas of the plant shall be ensured.	<p><b>Complying with.</b></p> <p>Water sprinkling arrangement has been provided. Primary and secondary air pollution control equipment were installed. Plantation has been developed in and around the plant area. The details of plantation is as follows:</p> <ol style="list-style-type: none"> <li>1. Plantation of 6000 no.s of saplings in Miyawaki method over an area of 2024.26 sq.m.</li> <li>2. In addition to above, plantation of 1552 no.s of saplings of different species was carried out in and around the plant area.</li> </ol>
iv.	PP has to abide by the condition stipulated by SEAC and SEIAA	<b>PP agreed to comply with.</b>
v.	Regular monitoring of the air quality, including SPM & SO <sub>2</sub> levels both in work zone and ambient air shall be carried out in and around the power plant and records shall be maintained. The location of monitoring stations and	<p><b>Complying with.</b></p> <p>Ambient air quality is being monitored at 3 locations within the plant area for Particulate Matter (PM<sub>10</sub>, PM<sub>2.5</sub>), SO<sub>2</sub>, NO<sub>x</sub>, CO, etc. Process emissions and DG sets emissions are being monitored regularly.</p>

	frequency of monitoring shall be decided in consultation with Maharashtra Pollution Control Board (MPCB) & submit report accordingly to MPCB.	As per the monitoring data, the air quality levels found to be within prescribed standards.
vi.	Necessary arrangement shall be made for adequate safety and ventilation arrangement in the furnace area.	Primary and secondary air pollution control equipment was installed for continuous suction of fumes from the induction furnace. Photographs are enclosed as <b>Annexure-1</b> .
vii.	Proper housekeeping programmes shall be implemented.	<b>Complying with.</b> During the site inspection housekeeping found to be satisfactory.
viii.	In the event of the failure of any pollution control system adopted by the unit, the unit shall be put out of operation and shall not be restarted until the desired efficiency has been achieved.	<b>PP agreed upon.</b>
ix.	Stack of adequate height based on DG set capacity shall be provided for control and dispersion of pollutant from DG set (if applicable).	<b>Complying with.</b> 1 DG set of capacity 500 KVA was provided. Stack of height 4.5 meters provided.
x.	A Detailed scheme for rainwater harvesting shall be prepared and implemented to recharge ground water.	<b>Complied.</b> The rain water from the plan area is stored in a pond of 0.15 million cu.m. capacity. The water from the pond is being used for the operations of the both projects (Gut no. 8 & Gut no. 30).
xi.	Arrangement shall be made that effluent and storm water do not get mixed.	Separate drains have been provided for the storm water. The effluent generated from the quenching process is treated in the sedimentation tank. Treated water is being reused for quenching.
xii.	Noise level shall be maintained as per standards. For people working in high noise area, requisite personal protective equipment like earplugs, etc. shall be provided.	<b>Partly complied.</b> Ambient and work zone noise levels are being monitored at 3 locations each. As per the monitoring data, the equivalent noise levels found to be within prescribed standards.
xiii.	The overall noise levels in and around	



	the plant are shall be kept well within the standards by providing noise control measures including acoustic hoods, silencers, enclosures, etc. On all sources of noise generation. The ambient noise levels shall confirm to the standards prescribed under Environment (protection) Act.1986 Rules 1989.	Personnel Protective Equipment (PPE) has been provided for the employees. There is no clarity in the monitoring report whether monitoring is being carried out during day time or night time. PP shall carry out the monitoring during day and night times.
xiv.	Green belt shall be developed & maintained around the plant periphery. Green Belt Development shall be carried pit considering CPCB guidelines including selection of plant species and in consolation with the local DFO/Agriculture Det.	<p><b>Complying with.</b></p> <p>Plantation has been developed in and around the plant area. The details of plantation is as follows:</p> <ol style="list-style-type: none"> <li>1. Plantation of 6000 no.s of saplings in Miyawaki method over an area of 2024.26 sq.m.</li> <li>2. In addition to above, plantation of 1552 no.s of saplings of different species was carried out in and around the plant area.</li> </ol> <p>Photographs are enclosed as <b>Annexure-2.</b></p>
xv.	Adequate safety measures shall be provided to limit the risk zone within the plant boundary, in case of an accident. Leak detection devices shall also be installed at strategic places for early detection and warning.	<p><b>Complying with.</b></p> <p>Fire extinguishers, hydrant line along with the underground water tank have been provided.</p>
xvi.	Occupational health surveillance of the working shall be done on angular basis and record maintained as per factories Act.	<p><b>Complying with.</b></p> <p>As per the information provided, health check up of all the employees is carried out once in a year and records are being maintained.</p>
xvii.	The company shall make the arrangement for protection of possible fire hazards during manufacturing process in material handling.	<p><b>Complying with.</b></p> <p>Fire extinguishers, hydrant line along with the underground water tank have been provided.</p>
xviii.	The project authorities must strictly with the rules and regulations with regard to handling and disposal of	MPCB granted renewal of consent to operate vide letter no 1.0/BO/JD (APC) Amendment/CC-597 (A) dated 23.03.2021

	hazardous wastes in accordance with the Hazardous waste (Management and Handling) Rules, 2003 (amended) Authorization from the MPCB shall be	with validity upto 30.06.2021. As per the consent granted by MPCB, PP shall not generate any hazardous waste.
	obtained for collections/ treatment/ storage /disposal of hazardous wastes.	
xix.	<p>The company shall undertake following waste minimization Measures:</p> <ul style="list-style-type: none"> <li>a. Metering of quantities of active ingredients to minimize waste.</li> <li>b. Reuse of by-products from the process as raw materials or as raw material substitutes in others process.</li> <li>c. Maximizing Recoveries.</li> <li>d. Use of automated material transfer system to minimize spillage.</li> <li>e. Use of "Closed Feed" system in to batch reactors.</li> </ul>	The main raw material for the unit is MS Scrap. Secondary raw material is sponge Iron. The raw materials are loaded into the furnace through Over head cranes. No liquid raw material is being used. The industry is using waste material (MS Scrap) for the production of billets.
xx.	Regular mock drills for the on-site emergency management plan shall be carried out. Implementation of charges / improvements required, if any, in the on-site management plan shall be ensured.	<p><b>PP agreed to comply with.</b></p> <p>As per the information provided, mock drills are being carried out once in a year.</p>
xxi.	A separate environment management cell with qualified staff shall be set up for implementation of the stipulate environmental safeguards.	PP is taking guidance from NABET accredited consultancy for the compliance of conditions. Environmental quality is being monitored through MoEF&CC recognized laboratory.
xxii.	Transportation of ash will be through closed containers and all measures should be taken to prevent spilling of the ash.	Induction furnace is based on electricity. No boiler is installed. Hence there is no scope for generation of ash.
xxiii.	Separate silos will be provided for collecting and storing bottom ash and fly ash	

xxiv.	Separate funds shall be allocated for implementation of environmental protection measures/EMP along with item-wise breaks-up. These cost shall be included as part of the project cost.	<b>PP agreed to comply with.</b> PP submitted that budget is being allocated annually for environment protection measures. As per the information provided, an amount of Rs. 438 lakhs has been spent on air pollution control equipment till date.
xxv.	The funds earmarked for the environment protection measures shall not be diverted for other purpose and year-wise expenditure should reported to the MPCB and this department.	<b>PP agreed upon.</b>
xxvi.	The project management shall advertise at least in two local newspapers widely circulated in the region around the project, one of which shall be in the Marathi language of the local concerned within seven days of issue of this litter, informing that the project has been accorded environmental clearance and copies of clearance latter are available with the Maharashtra Pollution Control Board and may also be seen at website at <a href="http://envis.maharashtra.gov.in">http:// envis.maharashtra.gov.in</a> .	<b>Partly Complied.</b> Advertisement has been made however the clause of seven days was not followed.
xxvii.	Project management should submit half yearly compliance reports in respect of the stipulated prior environment clearance terms and conditions in hard & soft copies to the MPCB and this department, on 1 <sup>st</sup> June and 1 <sup>st</sup> December of each calendar year.	<b>Complying with.</b> PP submitted the six monthly compliance reports regularly since the grant of EC.
xxviii.	A copy of the clearance later should send by proponent to the concerned Municipal Corporation and local NGO, if any, from whom suggestions /representations, if any were received while processing the proposal. The clearance latter shall also be put on	<b>Partly complied.</b> PP submitted that a copy of the Environmental Clearance has been submitted to MIDC. However the same was not uploaded in the company website.



	the website of the company by the proponent.	
xxix.	<p>The proponent shall upload the status of compliance of the stipulated EC 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 MOEF, the respective Zonal Office of CPCB and the SPCB.</p> <p>The criteria pollution levels namely, SPM, RSPM, SO<sub>2</sub>, NO<sub>x</sub> (ambient levels as well as stack emissions) or critical sectoral parameters, indicated for the project shall be monitored and displayed at a convenient location near the main gate of the company in the public domain.</p>	<p><b>Partly complied.</b></p> <p>PP did not upload the six monthly compliance report to project website. Criteria pollutant levels are being displayed at the project site.</p>
xxx.	Six monthly compliance reports should be submitted to Regional Office MoEF, Bhopal with copy to this department and MPCB.	<p><b>Complying with.</b></p> <p>PP submitted the six monthly compliance reports regularly since the grant of environmental clearance.</p>
xxxi.	A complete set of all the documents submitted to Department should be forwarded to the Local authority and MPCB.	PP submitted that the documents have been submitted to MIDC and MPCB.
xxxii.	The environmental clearance is being issued without prejudice to the court case pending in the court of law and it does not mean that project proponent has not violated any environmental laws in the past and whatever decision the Hon'ble court will be binding on the project proponent. Hence this clearance does not give immunity to the project proponent in the case filed against him.	<b>PP agreed upon.</b>
4.	The environmental clearance is being issued without prejudice to the action	<b>PP agreed to comply with.</b>

	initiated under EP Act or any court case pending in the court of law and it does not mean that project proponent has not violated any environmental laws in the past and whatever decision under EP Act or of the Hon'ble court will be binding on the project proponent. Hence this clearance does not give immunity to the project proponent in the case filed against him, if any or action initiated under EP Act.	
5.	The Environment department reserves the right to add any stringent condition or to revoke the clearance if conditions stipulated are not implemented to the satisfaction of the department or for that matter, for any other administrative reason.	<b>PP agreed to comply with.</b>
6.	<b>Validity of Environment Clearance:</b> The environmental clearance accorded shall be valid for a period of 5 years to start the production operations.	As per the information provided, proposed expansion has already been carried out.
7.	In case of any deviation or alteration in the project proposed from those submitted to this department for clearance, a fresh reference should be made to the department to assess the adequacy of the conditions (S) imposed and to incorporate additional environmental protection measures required, if any.	<b>PP agreed upon.</b>
8.	The above stipulations would be enforced among others under the Water (Prevention and Control of Pollution) Act, 1974, the Air (Prevention and Control of Pollution) Act, 1981. The Environment (Protection) Act 1986 and rules there	<b>PP agreed to comply with.</b> MPCB granted renewal of consent to operate vide letter no 1.0/BO/JD (APC) Amendment/CC-597 (A) dated 23.03.2021 with validity upto 30.06.2021. PP submitted that an application for the renewal of consent to operate was

	under, Hazardous Wastes (Management and Handling) Rules 1989 and its amendments, the public Liability Insurance Act, 1991 and its amendments.	submitted to MPCB and the same is pending with MPCB.
9.	Any appeal against this environmental clearance shall lie with the National Green Tribunal (Western Zone Bench, Pune), New Administrative Building, 1 <sup>st</sup> Floor, Opposite Council Hall, Pune, If preferred, within 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.	As per the information provided, no appeal was filed against the project.
10.	This environmental clearance is issued for proposed expansion of billet manufacturing facility (350 to 750 MTD), Plot no. G-8, Additional MIDC area, Jalna by M/s. Bhagyalaxmi Rolling Mill Pvt Ltd.,	PP agreed upon.

*A. Suresh Kumar*  
 (Suresh Kumar Adapa)  
 (Suresh Kumar Adapa)

वैज्ञानिक-ई/Scientist-E  
 पर्यावरण, वन एवं जलवायु परिवर्तन, मंत्रालय  
 Ministry of Environment, Forest and Climate Change  
 एकीकृत क्षेत्रीय कार्यालय, नागपुर-440 001  
 Integrated Regional Office, Nagpur-440 001

12/25



## Summary Note

### **1. Implementation of Conditions:**

Site inspection of the project has been carried out on 08.07.2021. SEIAA, Government of Maharashtra vide letter 30.09.2014 granted environmental clearance for the expansion of the billet manufacturing facility 350 TPD to 750 TPD. The effluent generated from the quenching process is treated in the sedimentation tank. Treated water is being reused for quenching. Primary side suction and secondary top suction systems have been provided for the induction furnace. Both the systems are connected to bag filter. Environmental quality is being monitored through external laboratory. Plantation of 6000 no.s of saplings carried out in Miyawaki method over an area of 2024.26 sq.m. In addition to above, plantation of 1552 no.s of saplings of different species was carried out in and around the plant area. During site inspection, housekeeping in the plant found to be good.

#### **Following conditions were partially complied:**

##### **Condition no. xii & xiii:**

Ambient and work zone noise levels are being monitored at 3 locations each. As per the monitoring data, the equivalent noise levels found to be within prescribed standards.

Personnel Protective Equipment (PPE) has been provided for the employees. There is no clarity in the monitoring report whether monitoring is being carried out during day time or night time. PP shall carry out the monitoring during day and night times.

##### **Condition no. xxvi:**

Advertisement has been made however the clause of seven days was not followed.

##### **Condition no. xxviii & xxix:**

PP did not upload the copies of EC, six monthly compliance report to project website.

### **2. Review w.r.t to MOEFs letter dated 30.5.2012:**

The monitoring report has been prepared after carrying out the site visit on 08.07.2021 for the expansion/amendment of environmental clearance granted for the expansion of billet manufacturing facility of M/s. Bhagyalaxmi Rolling Mill Pvt Ltd., Plot no. G-8, Additional MIDC area, Jalna, Maharashtra. Compliance status is based on the observations made during the site inspection.

### **3. Court Cases and show cause/closure notices:**

No details provided regarding court cases, show cause/closure notices.

MPCB granted renewal of consent to operate vide letter no 1.0/BO/JD (APC) Amendment/CC-597 (A) dated 23.03.2021 with validity upto 30.06.2021. PP submitted that an application for the renewal of consent to operate was submitted to MPCB and the same is pending with MPCB.

  
(Suresh Kumar Adapa)  
Scientist-E  
वैज्ञानिक-ई/Scientist-E  
पर्यावरण, वन एवं जलवायु परिवर्तन, मंत्रालय  
Ministry of Environment Forest and Climate Change  
एकीकृत क्षेत्रीय कार्यालय, नागपुर-440 001  
Integrated Regional Office, Nagpur-440 001

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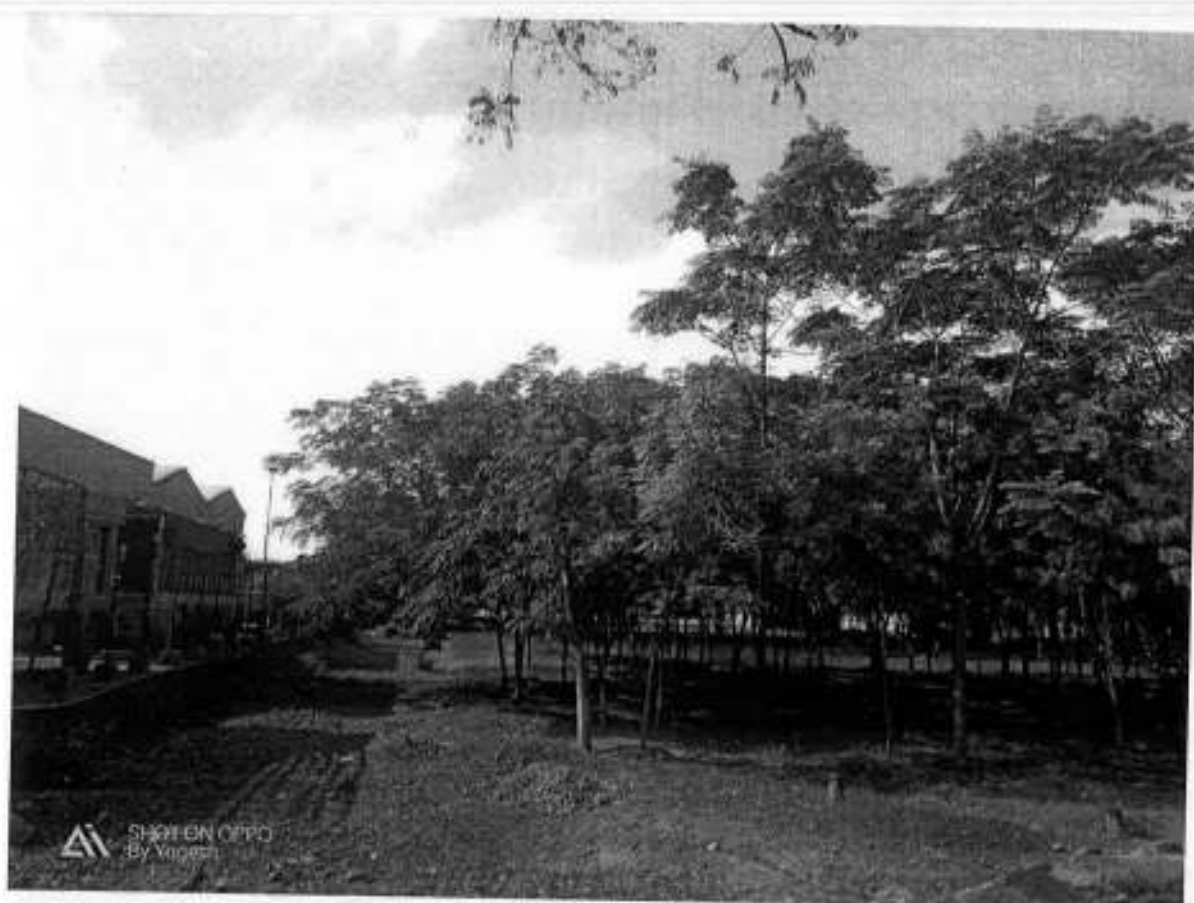
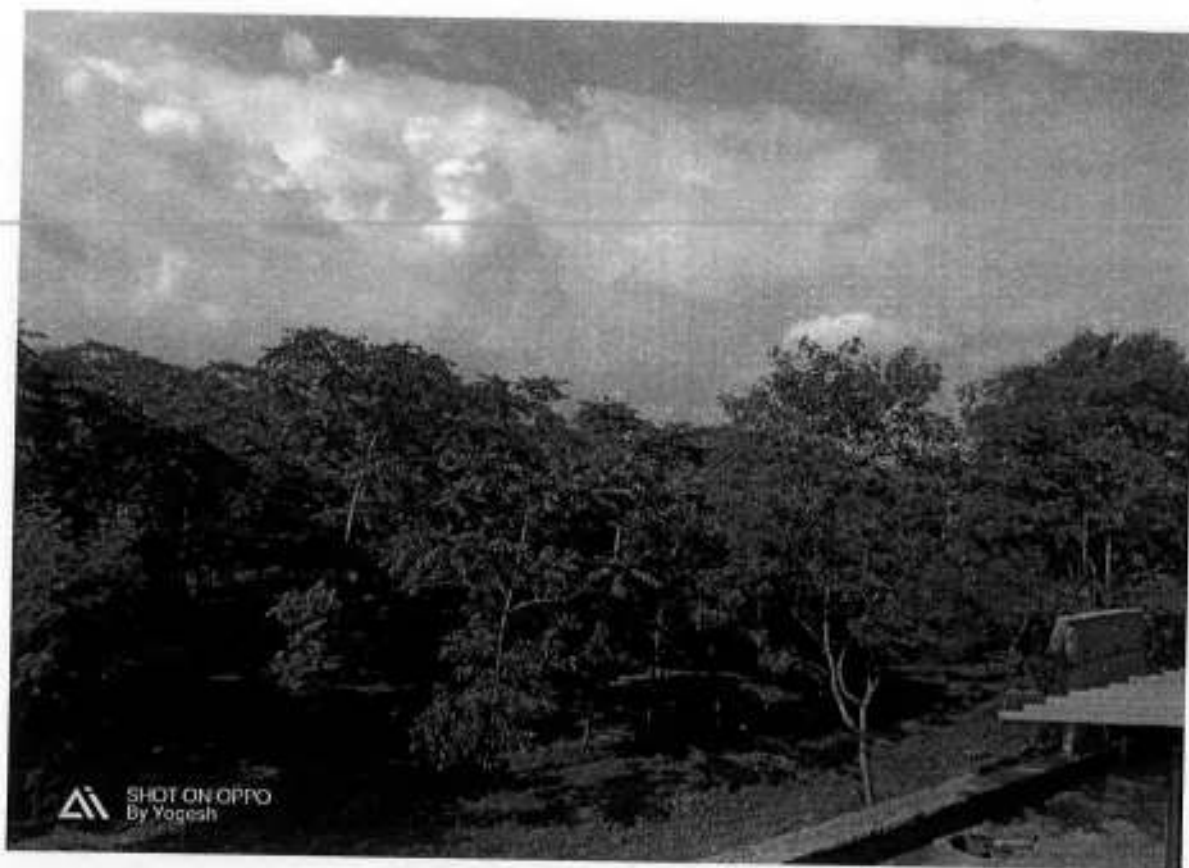
TOTAL NUMBER OF TREES IN MIYAWAKI DENSE FOREST IS ABOUT 7552 NOS TREES ARE PLANTED



MIYAWAKI DENSE FOREST







15/25





**DRIP IRRIGATION**





BRMPL TREE PLANTATION DETAILS					
NRM IN- OUT GET WALL SIDE AREA TREES					
SR.NO.		TREES NAME	QTY.	Remark	
A	1	Singapore Cherry	300	Total trees	6000
	2	SHEWGA	515		
	3	SISAM	600		
	4	SAGWAN	300	Total Area /Sq.Ft.	21789
	5	SHETAWARI	480		
	6	ADULASA	400		
	7	ASHWAGANDHA	420	Water Source	Pipe Line
	8	KANHER	380		
	9	MOGARA	240		
	10	SITAPHAL	795	Tree Distance/ Ft.	1.5 X 1.5
	11	KADU LIMB	1000		
	12	BADAM	570		
NRM CANTEEN FRONT SIDE FOREST					
B	1	MILIYA DUBIYA	265	Total trees	600
				Total Area /Sq.Ft.	21789
	2	KADU LIMB	335	Water Source	Drip
				Tree Distance/ Ft.	10 X 10
PRE-CAST AREA FOREST					
C	1	WAD	96	Total trees	450
	2	UMBER	171	Total Area /Sq.Ft.	43559
	3	PIMPAL	183	Water Source	Pipe Line
				Tree Distance/ Ft.	50X50
NRM DISPTACH AREA					
D	1	Fostill	6	Total trees	444
	2	Black Fycus Chota	16		
	3	Adenium	8		
	4	Limb	76	Total Area /Sq.Mtr	1320
	5	Aapta	12		
	6	Karanj	8		
	7	Wad	11	Water Source	Pipe Line
	8	Nagchafa	6		
	9	Ratchandan	7		
	10	Palas	6	Tree Distance/ Ft.	2 X 2
	11	Chandipath	16		
	12	Fycus Motha	48		
	13	Pimpal	46		
	14	Rabbish palm	13		
	15	Neem	68		
	16	Aareka palm	42		
	17	wad	8		
	18	Pimpal	15		
	19	Fycus	12		
	20	Turmeliya	15		
	21	Tulas	5		

18/25

BSA PARKING AREA FOREST					
E		Pimpal	2	Total trees	16
		Fostill	4	Total Area /Sq.Mt.	16
		Fycus	5	Water Source	Pipe Line
		Karanj	3	Tree Distance/ Ft.	2 X 2
		Tulas	2		
NRM DISPTACH AREA					
F	1	Fostill	9	Total trees	78
	2	Black Fycus Chota	11		
	3	Limb	17	Total Area /Sq.Mt.	190
	4	Karanj	5		
	5	Wad	8	Water Source	Pipe Line
	6	Palas	2		
	7	Fycus Motha	6	Tree Distance/ Ft.	2 X 2
	8	Pimpal	2		
	9	Rabbish palm	9		
	10	Aareka palm	1		
	11	Pimpal	4		
	12	Fycus	2		
	13	Turmeliya	2		
NRM IN- OUT GET WALL SIDE AREA FOREST					
G	1	Kadu Leem	117	Total trees	414
	2	Chinch	52		
	3	Mango	27		
	4	Cherry	7	Total Area /Sq.Mt.	1,491 m <sup>2</sup>
	5	Chafa	7		
	6	Karanji	54	Water Source	Pipe Line
	7	Shewga	9		
	8	Khajur	5	Tree Distance/ Ft.	1.5 X 2
	9	Jambhul	54		
	10	Pimpal	9		
	11	Wad	7		
	12	Fycus	13		
	13	Palas	6		
	14	Coconut	8		
	15	Shivbabhul	10		
	16	Bor	1		
	17	Ashoka	15		
	18	Umber	8		
	19	Mehndi	3		
	20	Yerand	2		

TOTAL NUMBER OF TREES PLANTED TILL DATE IS 7552 TREES BY MIYAWAKI DENSE FOREST CONCEPT

# THE HOOD SUCTION

COLLECT FUMES EXTRACTED FROM FURNACE

CTION : 270000 cum / hr

ENSION:3600MM X 3500MM



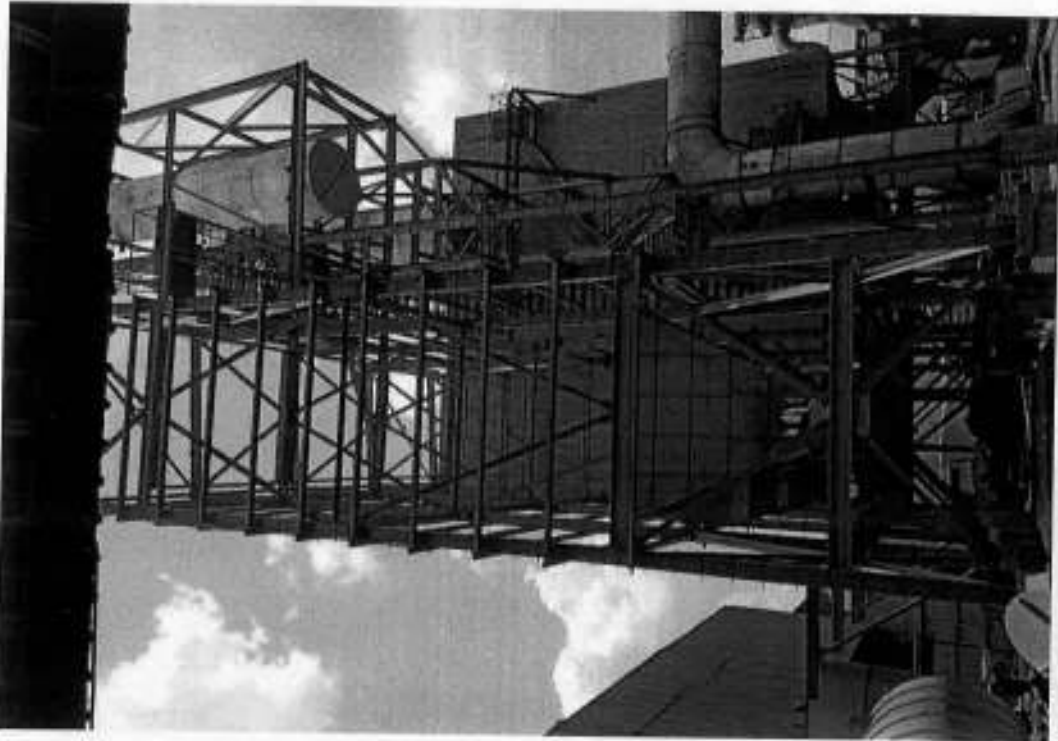
Shot on vivo Z1Pro  
Vivo AI camera

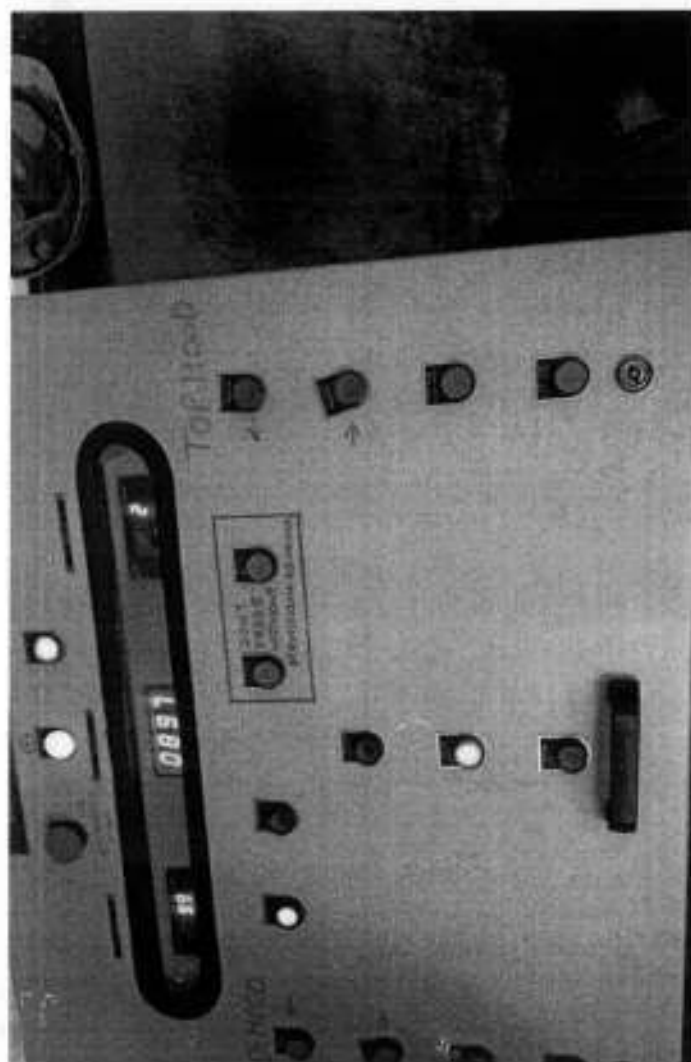
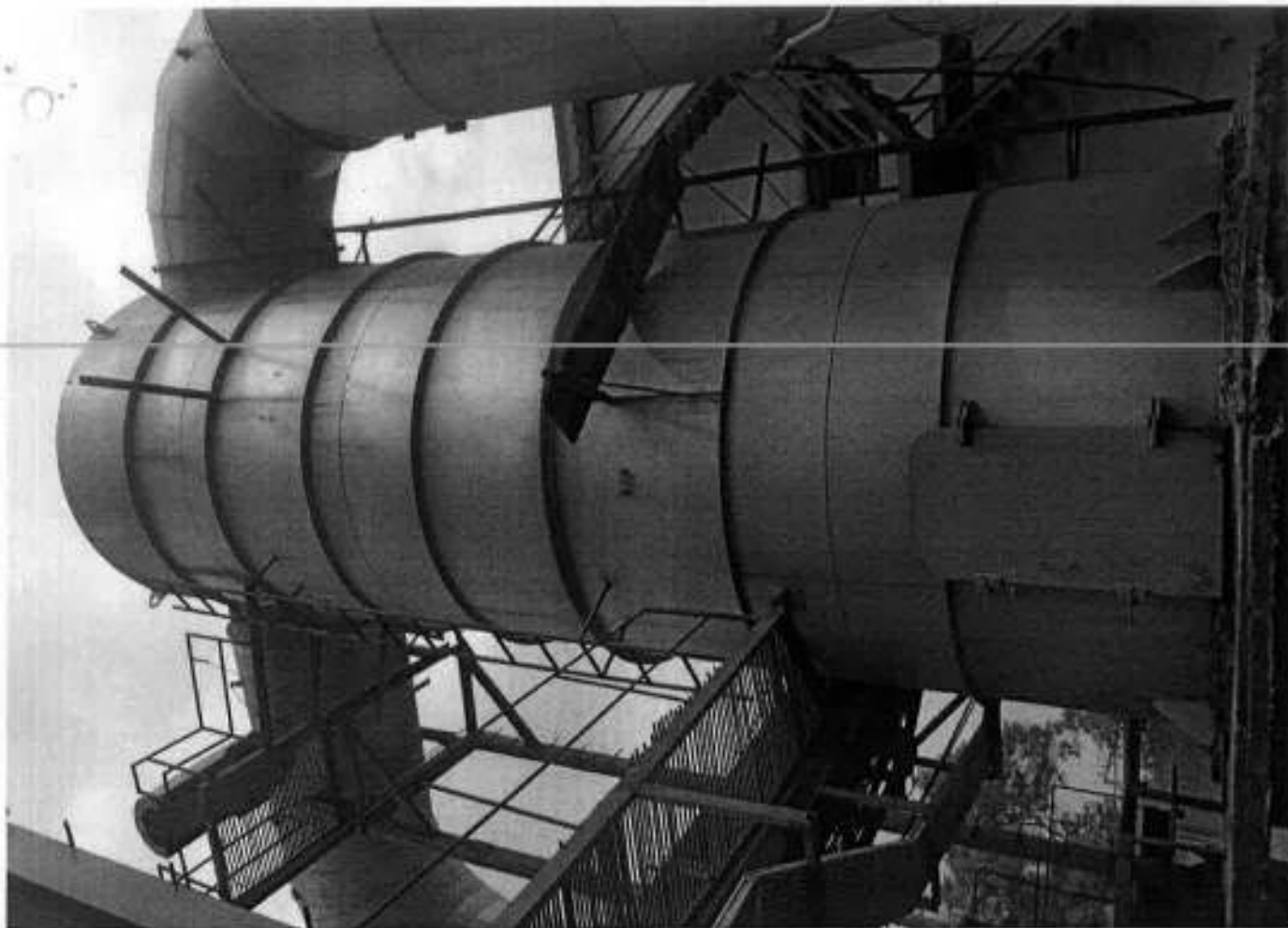
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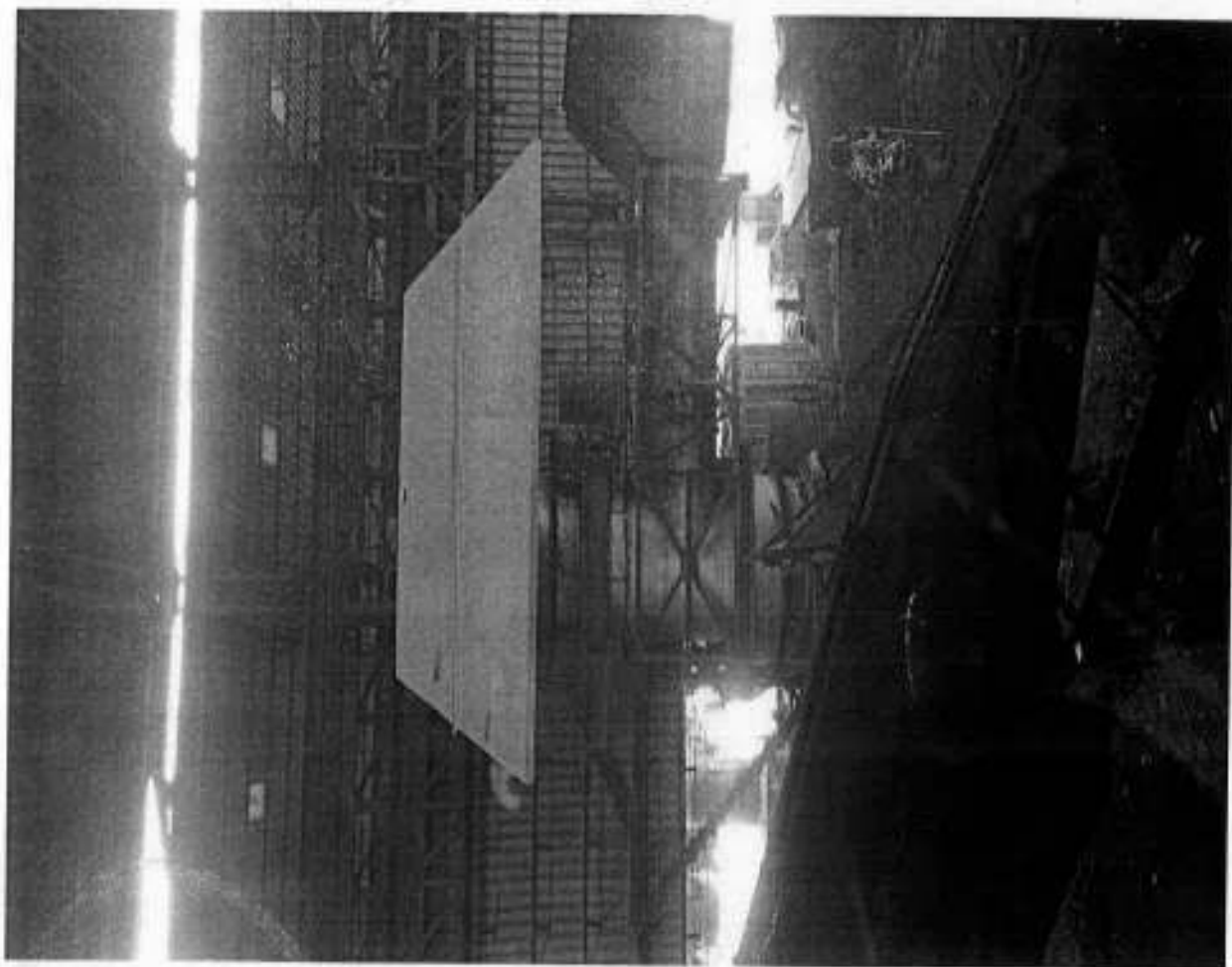
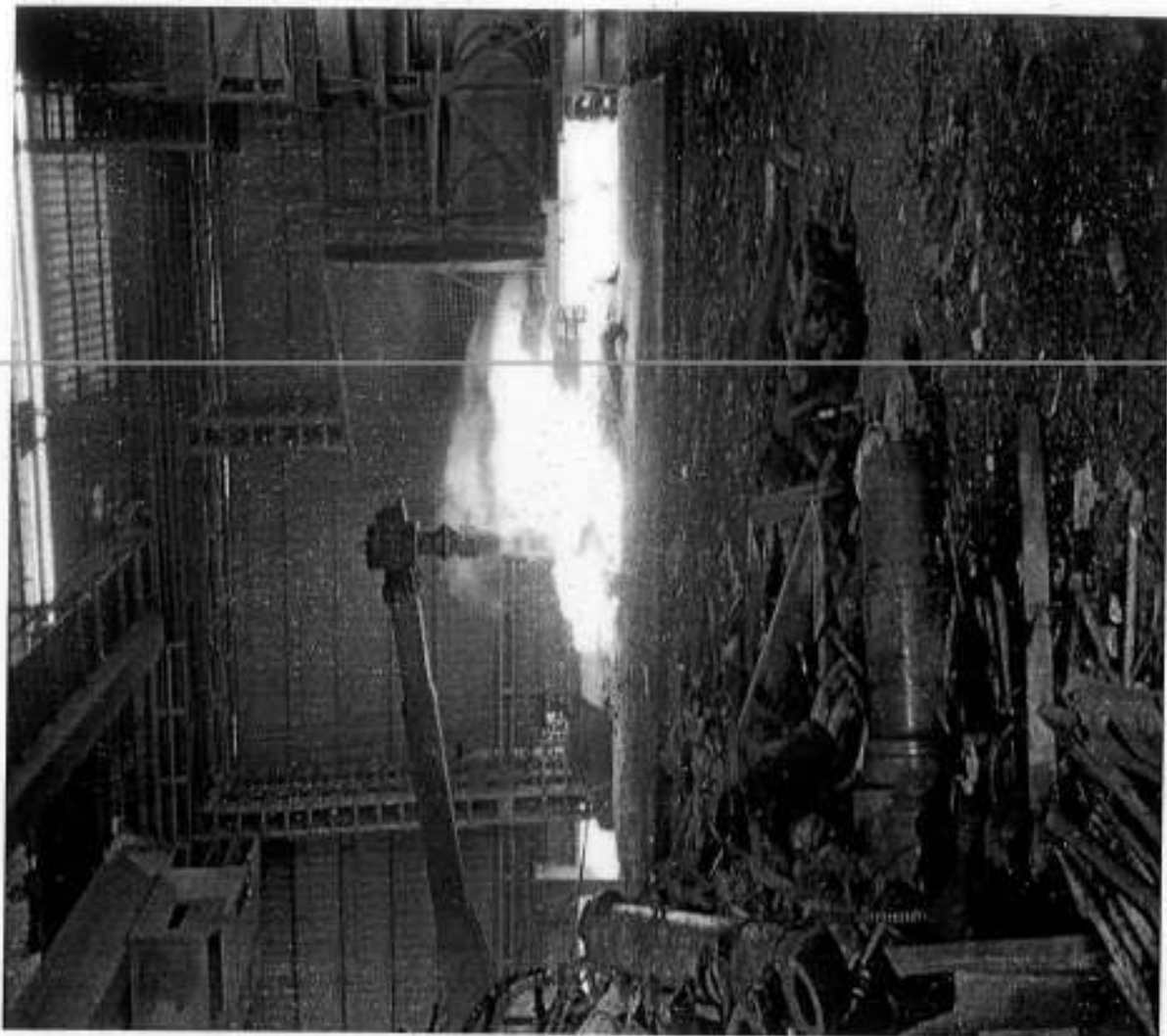


# JRNACE 3 DCS ERRECTION WORK

**pd POLAAR**  
Q S T & C R S B a  
Securing Shapes Fore









# RAIN WATER HARVESTING

CAPACITY: 15,00,00,000 LTRS

**pd POLAI**  
Q S T & C R S B a  
Securing Shapes Fore





# MIYAWAKI PLANTATION

## CONCEPT OF MINI DENSE FOREST

**pd POLA AI**  
QST & CRS Ba  
Securing Shapes Fore







To,  
 The Chief Conservator of Forest,  
 Ministry of Environment, Forest and Climate Change  
 Regional Office(WCZ),Ground Floor  
 East Wing, New Secretariat Building,  
 Civil Line,Nagpur-440001

Kind attention to Scientist-D (Suresh Kumar Adapa)

Sub : Submission of reply for non-compliance raised during site visit dated 08-07-2021.  
 Ref : MoEF Letter: F.No: EC-1308/ROH/2021-NGP/8725 dated 11.10.2021

Dear Sir

This has reference to above subject, we are submitting the reply for Partly compliance raised during Site visit/Certification for the grant of environmental clearance for proposed expansion of Production from 750 MTD to 2000 MTD by Bhagyalaxmi Rolling Mill Pvt. Ltd., at Plot no: G/ 08, MIDC Phase II, Taluka - Jalna, District - Jalna, Maharashtra State.

S.No	Non/Partly Compliance raised	Justification
1	Ambient and work zone noise levels are being monitored at 3 locations each. As per the monitoring data, the equivalent noise levels found to be within prescribed standards. Personal Protective Equipment (PPE) has been provided for the employee. There is no clarity in the monitoring report whether monitoring is being carried out during day time or night time. PP shall carry out the monitoring during day and night times.	Ambient and work monitoring parameters and locations has been revised, MoEF & CC accredited laboratory has been hired for Monitoring.  Ambient and work zone monitoring report enclosed as <b>Annexure-1</b> .
2	Advertisement has been made however the clause of seven days was not followed.	EC was granted on 30 <sup>th</sup> September 2014. Subsequently uploaded by Environment dept. GoM is up dated on portal on dated 07/10/2014. We have received copy of EC on 11/10/2014, so that we have made advertisements on 18/10/2014. Hence seven days criteria is followed. Copy of advertisements enclosed as <b>Annexure-2</b> .
3	PP did not upload the copies of EC, six monthly compliance report to project website.	We assure you that, we will submit six monthly compliance reports regularly from now on

## Bhagyalaxmi Rolling Mill Pvt. Ltd.

Works Address: Plot No. G-7, G-8, G-9, G-10/1, G-10/2, Addl. MIDC Phase-II & Gai No.30, 35, Village Durgapur  
 Jalna-431213, Maharashtra, Bharat.

Regd. Off. : Flat No. 602, Building No. 5A/B, Versova Heights Co-operative Housing Society Limited, New Vhada Colony,  
 Near Lokhandwala Circle, Veera Desai Road, Behind Inoralek, Andheri (W), Mumbai - 400053

E-mail : mktg@polaad.in Website : www.polaad.in CIN No. : U27100MH2004PTC148074/DT.18.08.2004

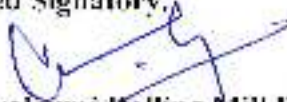


4	PP submitted that a copy of the Environmental Clearance has been submitted to MIDC. However the same was not uploaded in the company website.	Environmental Clearance copy is uploaded, on our website along with the Six monthly monitoring report. <a href="https://www.polaad.in/downloads/">https://www.polaad.in/downloads/</a>
5	PP did not upload the six monthly compliance report to project website. Criteria pollutant levels are being displayed at the project site.	We assure you that, we will submit Six monthly compliance reports regularly from now on. <a href="https://www.polaad.in/downloads/">https://www.polaad.in/downloads/</a>

We hope submitted details as per your requirement. You are requested to do the needful.

Thanking you,

Authorized Signatory,




For Bhagyalaxmi Rolling Mill Pvt. Ltd., Plot No: G:8, MIDC

## Bhagyalaxmi Rolling Mill Pvt. Ltd.

**Works Address:** Plot No. G-7, G-8, G-9, G-10/1, G-10/2, Addl. MIDC Phase-II & Gul No.30, 35, Village Daregaon, Jalna-431213, Maharashtra, Bharat.

**Regd. Off.** Flat No. 602, Building No. 5A/B, Versova Heights Co-operative Housing Society Limited, New Mhada Colony, Near Lokhandwala Circle, Veera Desai Road, Behind Indralok, Andheri (W), Mumbai - 400053

**E-mail** [smktg@polaad.in](mailto:smktg@polaad.in) **Website:** [www.polaad.in](http://www.polaad.in) **CIN No.** U27100MH2004PTC148074/DT. 18.08.2004





# Excellent Enviro Laboratory & Research Center Pvt. Ltd.

(Formerly known as Excellent Enviro Laboratory & Research Center)

REGISTERED OFFICE : D-52/18, MIDC Waluj, Aurangabad - 431 136. ☎0240-6641879 & 9970429991 / 7745069991

Email : eelab@excellentenviro.com/info@excellentenviro.com/sales@excellentenviro.com

## AMBIENT NOISE LEVEL MONITORING REPORT



<b>Client's Name &amp; Address</b>	<b>Report No.</b>	EEL/ABD/N-34/08/2021-22
<b>M/s. Bhagyalaxmi Rolling Mills Pvt. Ltd Plot No. G-8, Additional MIDC Phase II, Jalna</b>	<b>Date</b>	11/08/2021
	<b>Date Of Sampling</b>	04/08/2021
	<b>Sampling Duration</b>	15 Min.

## RESULTS

Sr. No.	LOCATION	UNIT	READINGS	
			DAY TIME	NIGHT TIME
1.	Main Gate	dB(A)	69.0	59.7
2.	Furnace Shed	dB(A)	67.8	56.4
3.	Green Belt area	dB(A)	63.4	55.8

## OBSERVATION / REMARKS:

- All above results are within MPCB Limits
- Limits:** MPCB has prescribed 75 dB(A) as an upper limit of noise level during daytime <70 dB(A) as an upper limit during night time

 ANALYZED BY-	 AUTHORIZED SIGNATORY
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## AN "ENVIRONMENTAL LABORATORY"

Recognised by MoEF & CC, New Delhi, Gazette Notification S.O. 388 (E) Dated (09 February 2017 to 08 February 2022)

MUMBAI OFFICE : Dhawalgi Co-op. Hsg. Society, Building No.1, Flat No. B-3, Near Peace Park Hotel, Thana Naka, Panvel - 410 206 & 08652671991

Email : mumbaisales@excellentenviro.com

PUNE OFFICE : Gut No. 1252, Tuljai Nagar, Behind Gharkul Building, No. C-11, Spine Road, Newale Wasti Chikhali, Pune - 411062 & 09767838931

Email : punesales@excellentenviro.com

Certifications : ♦ ISO 9001: 2015 ♦ ISO 14001 : 2015 ♦ ISO 45001: 2018

Website : www.eelab.in

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## WORKZONE NOISE LEVEL MONITORING REPORT

Client's Name & Address	Report No.	EEL/ABD/WN-35/08/2021-22
M/s. Bhagyalaxmi Rolling Mills Pvt. Ltd., Plot No. G-8, Additional MIDC Phase II, Jalna.	Date	11/08/2021
	Date Of Sampling	04/08/2021
	Sampling Duration	15 Min.

### RESULTS

Sr. No.	LOCATION	UNIT	READINGS	
			DAY TIME	NIGHT TIME
1.	Furnace Shed	dB(A)	72.1	52.4
2.	Casting Area	dB(A)	66.9	56.5
3.	Raw material handling unit	dB(A)	68.6	53.4

### OBSERVATION / REMARKS:

- All above results are within MPCB Limits
- Limits: MPCB has prescribed 75 dB(A) as an upper limit of noise level during daytime <70 dB(A) as an upper limit during night time

ANALYZED BY-	AUTHORIZED SIGNATORY
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## AMBIENT NOISE LEVEL MONITORING REPORT

Client's Name & Address	Report No.	EEL/ABD/N-39/03/2021-22
M/s. Bhagyalaxmi Rolling Mills Pvt. Ltd., Plot No. G-8, Additional MIDC Phase II, Jalna	Date	09/03/2021
	Date Of Sampling	03/03/2021
	Sampling Duration	15 Min.

## RESULTS

Sr. No.	LOCATION	UNIT	READINGS	
			DAY TIME	NIGHT TIME
1.	Main Gate	dB(A)	71.0	61.5
2.	Furnace Shed	dB(A)	67.6	56.0
3.	Green Belt area	dB(A)	63.9	53.8

### OBSERVATION / REMARKS:

- All above results are within MPCB Limits
- Limits: MPCB has prescribed 75 dB(A) as an upper limit of noise level during daytime <70 dB(A) as an upper limit during night time

 ANALYZED BY-	 AUTHORIZED SIGNATORY
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Email : eelab@excellentenviro.com/info@excellentenviro.com/sales@excellentenviro.com

## WORKZONE NOISE LEVEL MONITORING REPORT

Client's Name & Address	Report No.	EEL/ABD/WN-40/03/2021-22
M/s. Bhagyalaxmi Rolling Mills Pvt. Ltd., Plot No. G-8, Additional MIDC Phase II, Jalna.	Date	09/03/2021
	Date Of Sampling	03/03/2021
	Sampling Duration	15 Min.

### RESULTS

Sr. No.	LOCATION	UNIT	READINGS	
			DAY TIME	NIGHT TIME
1.	Furnace Shed	dB(A)	68.2	55.8
2.	Casting Area	dB(A)	64.0	53.3
3.	Raw material handling unit	dB(A)	62.4	56.4

### OBSERVATION / REMARKS:

- All above results are within MPCB Limits
- Limits: MPCB has prescribed 75 dB(A) as an upper limit of noise level during daytime <70 dB(A) as an upper limit during night time

 ANALYZED BY-	 AUTHORIZED SIGNATORY
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## AMBIENT NOISE LEVEL MONITORING REPORT

Client's Name & Address	Report No.	EEL/ABD/N-14/04/2021-22
M/s. Bhagyalaxmi Rolling Mills Pvt. Ltd., Plot No. G-8, Additional MIDC Phase II, Jalna.	Date	17/04/2021
	Date Of Sampling	12/04/2021
	Sampling Duration	15 Min.

### RESULTS

Sr. No.	LOCATION	UNIT	READINGS	
			DAY TIME	NIGHT TIME
1.	Main Gate	dB(A)	68.1	54.3
2.	Furnace Shed	dB(A)	64.0	50.6
3.	Green Belt area	dB(A)	62.2	52.1

### OBSERVATION / REMARKS:

- All above results are within MPCB Limits
- Limits: MPCB has prescribed 75 dB(A) as an upper limit of noise level during daytime <70 dB(A) as an upper limit during night time

 ANALYZED BY-	 AUTHORIZED SIGNATORY
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Email : eelab@excellentenviro.com/info@excellentenviro.com/sales@excellentenviro.com

## WORKZONE NOISE LEVEL MONITORING REPORT


Client's Name & Address	Report No.	EEL/ABD/WN-15/04/2021-22
M/s. Bhagyalaxmi Rolling Mills Pvt. Ltd., Plot No. G-8, Additional MIDC Phase II, Jalna.	Date	17/04/2021
	Date Of Sampling	12/04/2021
	Sampling Duration	15 Min.

### RESULTS

Sr. No.	LOCATION	UNIT	READINGS	
			DAY TIME	NIGHT TIME
1.	Furnace Shed	dB(A)	69.0	53.6
2.	Casting Area	dB(A)	65.3	58.1
3.	Raw material handling unit	dB(A)	66.9	57.5

### OBSERVATION / REMARKS:

- All above results are within MPCB Limits
- Limits: MPCB has prescribed 75 dB(A) as an upper limit of noise level during daytime <70 dB(A) as an upper limit during night time

 ANALYZED BY-	 AUTHORIZED SIGNATORY
---	---



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Email : eelab@excellentenviro.com/info@excellentenviro.com/sales@excellentenviro.com

## AMBIENT NOISE LEVEL MONITORING REPORT

Client's Name & Address	Report No.	EEL/ABD/N-19/05/2021-22
M/s. Bhagyalaxmi Rolling Mills Pvt. Ltd., Plot No. G-8, Additional MIDC Phase II, Jalna	Date	18/05/2021
	Date Of Sampling	13/05/2021
	Sampling Duration	15 Min.

### RESULTS

Sr. No.	LOCATION	UNIT	READINGS	
			DAY TIME	NIGHT TIME
1.	Main Gate	dB(A)	73.2	63.8
2.	Furnace Shed	dB(A)	69.6	60.2
3.	Green Belt area	dB(A)	65.1	59.3

### OBSERVATION / REMARKS:

- All above results are within MPCB Limits
- Limits: MPCB has prescribed 75 dB(A) as an upper limit of noise level during daytime <70 dB(A) as an upper limit during night time

ANALYZED BY-	AUTHORIZED SIGNATORY
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### AN "ENVIRONMENTAL LABORATORY"

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PUNE OFFICE : Gut No. 1252, Tuljai Nagar, Behind Gharkul Building, No. C-11, Spine Road, Newale Wasti Chikhali, Pune - 411062 \* 09767838931  
Email : punesales@excellentenviro.com

Certifications : ♦ ISO 9001: 2015 ♦ ISO 14001 : 2015 ♦ ISO 45001: 2018

Website : www.eelab.in

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(Formerly known as Excellent Enviro Laboratory & Research Center)

REGISTERED OFFICE : D-52/18, MIDC Waluj, Aurangabad - 431 136 ☎0240-6641879 & 9970429991 / 7745069991

Email : eelab@excellentenviro.com/info@excellentenviro.com/sales@excellentenviro.com

## WORKZONE NOISE LEVEL MONITORING REPORT

Client's Name & Address	Report No.	EEL/ABD/WN-20/05/2021-22
M/s. Bhagyalaxmi Rolling Mills Pvt. Ltd., Plot No. G-8, Additional MIDC Phase II, Jalna	Date	18/05/2021
	Date Of Sampling	13/05/2021
	Sampling Duration	15 Min.

### RESULTS

Sr. No.	LOCATION	UNIT	READINGS	
			DAY TIME	NIGHT TIME
1.	Furnace Shed	dB(A)	70.3	58.3
2.	Casting Area	dB(A)	69.0	56.2
3.	Raw material handling unit	dB(A)	68.2	52.9

### OBSERVATION / REMARKS:

- All above results are within MPCB Limits
- Limits: MPCB has prescribed 75 dB(A) as an upper limit of noise level during daytime <70 dB(A) as an upper limit during night time

 ANALYZED BY-	 AUTHORIZED SIGNATORY
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### AN "ENVIRONMENTAL LABORATORY"

Recognised by MoEF & CC, New Delhi, Gazette Notification S.O. 388 (E) Dated (09 February 2017 to 08 February 2022)

MUMBAI OFFICE : Dhawalgi Co-op. Hsg. Society, Building No.1, Flat No. B-3, Near Peace Park Hotel, Thana Naka, Panvel - 410 206 ☎ 08652671991  
Email : mumbaisales@excellentenviro.com

PUNE OFFICE : Gut No. 1252, Tuljai Nagar, Behind Gharkul Building, No. C-11, Spine Road, Newale Wasti Chikhali, Pune - 411062 ☎ 09767838931  
Email : punesales@excellentenviro.com

Certifications : ♦ ISO 9001: 2015 ♦ ISO 14001 : 2015 ♦ ISO 45001: 2018

Website : [www.eelab.in](http://www.eelab.in)

# Excellent Enviro Laboratory & Research Center Pvt. Ltd.

(Formerly known as Excellent Enviro Laboratory & Research Center)

REGISTERED OFFICE : D-52/18, MIDC Waluj, Aurangabad - 431 136. ☎ 0240-6641879 & 9970429991 / 7745060991

Email : eelab@excellentenviro.com/info@excellentenviro.com/sales@excellentenviro.com

## AMBIENT NOISE LEVEL MONITORING REPORT

Client's Name & Address	Report No.	EEL/ABD/N-24/06/2021-22
M/s. Bhagyalaxmi Rolling Mills Pvt. Ltd., Plot No. G-8, Additional MIDC Phase II, Jalna	Date	14/06/2021
	Date Of Sampling	09/06/2021
	Sampling Duration	15 Min.

### RESULTS

Sr. No.	LOCATION	UNIT	READINGS	
			DAY TIME	NIGHT TIME
1.	Main Gate	dB(A)	66.0	57.8
2.	Furnace Shed	dB(A)	63.6	54.3
3.	Green Belt area	dB(A)	62.8	52.5

### OBSERVATION / REMARKS:

- All above results are within MPCB Limits
- Limits: MPCB has prescribed 75 dB(A) as an upper limit of noise level during daytime <70 dB(A) as an upper limit during night time

 ANALYZED BY-	 AUTHORIZED SIGNATORY
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Email : eelab@excellentenviro.com/info@excellentenviro.com/sales@excellentenviro.com

## WORKZONE NOISE LEVEL MONITORING REPORT

Client's Name & Address	Report No.	EEL/ABD/WN-25/06/2021-22
M/s. Bhagyalaxmi Rolling Mills Pvt. Ltd., Plot No. G-8, Additional MIDC Phase II, Jalna.	Date	14/06/2021
	Date Of Sampling	09/06/2021
	Sampling Duration	15 Min.

### RESULTS

Sr. No.	LOCATION	UNIT	READINGS	
			DAY TIME	NIGHT TIME
1.	Furnace Shed	dB(A)	70.1	59.0
2.	Casting Area	dB(A)	72.9	56.2
3.	Raw material handling unit	dB(A)	67.2	58.6

### OBSERVATION / REMARKS:

- All above results are within MPCB Limits
- Limits: MPCB has prescribed 75 dB(A) as an upper limit of noise level during daytime <70 dB(A) as an upper limit during night time

ANALYZED BY-	AUTHORIZED SIGNATORY
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### AN "ENVIRONMENTAL LABORATORY"

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# Excellent Enviro Laboratory & Research Center Pvt. Ltd.

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REGISTERED OFFICE : D-52/18, MIDC Waluj, Aurangabad - 431 136, ☎0240-6641870 & 9970429991 / 7745069991

Email : eelab@excellentenviro.com/info@excellentenviro.com/sales@excellentenviro.com

## AMBIENT NOISE LEVEL MONITORING REPORT



<b>Client's Name &amp; Address</b>	<b>Report No.</b>	EEL/ABD/N-29/07/2021-22
<b>M/s. Bhagyalaxmi Rolling Mills Pvt. Ltd., Plot No. G-8, Additional MIDC Phase II, Jalna</b>	<b>Date</b>	17/07/2021
	<b>Date Of Sampling</b>	12/07/2021
	<b>Sampling Duration</b>	15 Min.

## RESULTS

Sr. No.	LOCATION	UNIT	READINGS	
			DAY TIME	NIGHT TIME
1.	Main Gate	dB(A)	71.1	52.6
2.	Furnace Shed	dB(A)	68.8	54.0
3.	Green Belt area	dB(A)	63.0	55.2

## OBSERVATION / REMARKS:

- All above results are within MPCB Limits
- Limits:** MPCB has prescribed 75 dB(A) as an upper limit of noise level during daytime <70 dB(A) as an upper limit during night time

 ANALYZED BY-	 AUTHORIZED SIGNATORY
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Email : eelab@excellentenviro.com/info@excellentenviro.com/sales@excellentenviro.com

## WORKZONE NOISE LEVEL MONITORING REPORT

Client's Name & Address	Report No.	EEL/ABD/WN-30/07/2021-22
M/s. Bhagyalaxmi Rolling Mills Pvt. Ltd., Plot No. G-8, Additional MIDC Phase II, Jalna	Date	17/07/2021
	Date Of Sampling	12/07/2021
	Sampling Duration	15 Min.

### RESULTS

Sr. No.	LOCATION	UNIT	READINGS	
			DAY TIME	NIGHT TIME
1.	Furnace Shed	dB(A)	72.0	61.9
2.	Casting Area	dB(A)	69.5	56.2
3.	Raw material handling unit	dB(A)	67.6	57.8

### OBSERVATION / REMARKS:

- All above results are within MPCB Limits
- Limits: MPCB has prescribed 75 dB(A) as an upper limit of noise level during daytime <70 dB(A) as an upper limit during night time

ANALYZED BY-	AUTHORIZED SIGNATORY
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Email : punesales@excellentenviro.com

Certifications : ♦ ISO 9001: 2015 ♦ ISO 14001 : 2015 ♦ ISO 45001: 2018

Website : www.eelab.in



# सामाजिक चार

जालना दिनांक १८ ऑक्टोबर २०१४ शनिवार वर्ष ३१ वे अंक ०६० किंमत २ रुपये पान-४

## जाहिर प्रगटन

आम्ही भाग्यलक्ष्मी रोलिंग मील प्रा.लि., जालना या प्रगटनाद्वारे जाहिर चुकीत करतो की पर्यावरण विभाग, महाराष्ट्र राज्य यांनी आमच्या भाग्यलक्ष्मी रोलिंग मील प्रा.लि.च्या बिलेट उत्पादनाच्या विस्तारीकरण प्रकल्प ३५० ते ७५० मेट्रीक टन प्रतिदिन, प्लॉट क्र.जी-८, औद्योगिक बसाहत टप्पा-२, जालना साठी पर्यावरण मंजूरी दिली आहे. जिचा क्र. SEA 2014/ CR-32/TC-2 दिनांक ३० सप्टेंबर २०१४ असून दिनांक ०७ ऑक्टोबर रोजी पर्यावरण विभागाच्या सांकेतिक स्थळावर प्रकाशित केला आहे. सदर पर्यावरण मंजूरीची प्रत आमचे कार्यालय तसेच महाराष्ट्र प्रदूषण नियंत्रण महामंडळ यांच्या कार्यालयात उपलब्ध आहे. (संकेतस्थळ: [ec.maharashtra.gov.in](http://ec.maharashtra.gov.in))

भाग्यलक्ष्मी रोलिंग मील प्रा.लि.जालना

## Public Notice


We, M/s Bhagyalaxmi Rolling Mills Pvt. Ltd, Jalna. Hereby bring to the notice that Government of Maharashtra Environment Department has granted "ENVIRONMENTAL CLEARANCE" on Dated 30th September 2014, and subsequently uploaded on web site on dated 07/10/2014, file bearing number : SEAC - 2014 / CR - 32 / TC - 2 For our expansion project M/s Bhagyalaxmi Rolling Mills Pvt. Ltd, capacity: billet : 350 to 750 MTD , at plot no : G/8 Additional MIDC industrial estate, Phase - 1 Jalna, District : Jalna (Maharashtra) The clearance letter is available with our office, Regional office M.P.C.B, Aurangabad & on the website of Govt.Maharashtra, Envi.Dept.([ec.maharashtra.gov.in](http://ec.maharashtra.gov.in)) and Bhagyalaxmi Rolling Mills Pvt. Ltd,MIDC Jalna

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» Technology and Quality Awareness


» Plant Visit

### CONTACTS





Bhagyalaxmi Rolling Mill Pvt. Ltd.

Dargason MIDC, Jalna (M.S.) 431 213

mktg@polaad.in



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14:05  
20-01-2022



भारत सरकार  
GOVERNMENT OF INDIA  
पर्यावरण, वन एवं जलवायु परिवर्तन मंत्रालय  
MINISTRY OF ENVIRONMENT, FORESTS  
& CLIMATE CHANGE

Integrated Regional Office  
Ground Floor, East Wing  
New Secretariat Building  
Civil Lines, Nagpur - 440001  
E-mail: apccfcentral-ngp-mef@gov.in

F.No:EC-1308/RON/2021-NGP/ 8725

Date: 11.10.2021

To,

The Member Secretary  
SEIAA, Govt. of Maharashtra  
Environment Department,  
Government of Maharashtra  
2<sup>nd</sup> Floor, Mantralaya, Annexe  
Mumbai-400032

Sub: Environmental Clearance granted for proposed expansion of billet manufacturing facility (350 to 750 MTD) by M/s. Bhagyaxmi Rolling Mill Pvt Ltd., Plot no. G-8, Additional MIDC area, Jalna, Maharashtra

Ref:

1. SEIAA, Maharashtra vide letter no. SEAC-2014/CR 32/TC-2 dated 30.09.2014

Madam,

I am directed to invite your kind attention on the above subject and letter under reference. Site inspection of project for the manufacturing of MS billets with capacity of 750 MTPD by M/s. Bhagyaxmi Rolling Mill Pvt Ltd. located at Plot no. G-8, Additional MIDC area, Jalna, Maharashtra has been carried out on 08.07.2021. Inspection report is enclosed herewith. Following observations were made during the site inspection:

SEIAA, Government of Maharashtra vide letter 30.09.2014 granted environmental clearance for the expansion of the billet manufacturing facility 350 TPD to 750 TPD. The effluent generated from the quenching process is treated in the sedimentation tank. Treated water is being reused for quenching. Primary side suction and secondary top suction systems have been provided for the induction furnace. Both the systems are connected to bag filter. Environmental quality is being monitored through external laboratory. Plantation of 6000 no.s of saplings carried out in Miyawaki method over an area of 2024.26 sq.m. In addition to above, plantation of 1552 no.s of saplings of different species was carried out in and around the plant area. During site inspection, housekeeping in the plant found to be good.





**Following conditions were partially complied:**

**Condition no. xii & xiii:**

Ambient and work zone noise levels are being monitored at 3 locations each. As per the monitoring data, the equivalent noise levels found to be within prescribed standards.

Personnel Protective Equipment (PPE) has been provided for the employees. There is no clarity in the monitoring report whether monitoring is being carried out during day time or night time. PP shall carry out the monitoring during day and night times.

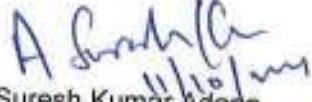
**Condition no. xxvi:**

Advertisement has been made however the clause of seven days was not followed.

**Condition no. xxviii & xxix:**

PP did not upload the copies of EC, six monthly compliance report to project website.

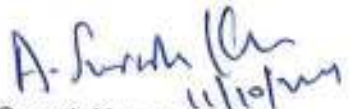
This issues with the approval of Regional Officer, Integrated Regional Office, Nagpur.

  
Suresh Kumar Adapa  
Scientist 'E'

**Encl: as above**

**Copy**

1. The Additional Director (Monitoring Cell), Ministry of Environment, Forest & Climate Change, Indira Paryavaran Bhawan, Aliganj, Jorbagh Road, New Delhi-110003
2. M/s. Bhagyalaxmi Rolling Mill Pvt Ltd., Plot no. G-8, Additional MIDC area, Jalna, Maharashtra (Project shall submit action taken report against the non/partial compliances raised in the monitoring report)

  
Suresh Kumar Adapa  
Scientist 'E'





**Monitoring Report**  
**Part I**  
**Data Sheet**

1.	Project Type: River-Valley/Mining/Industry Thermal/Nuclear/Other(specify)	:	Industry
2.	Name of the Project	:	Manufacturer of Ms Billets (750TPD) at Plot No. G-8, Add. MIDC area, Jalna, Dist. Jalna, By M/s: <b>Bhagyalaxmi Rolling Mills Pvt. Ltd.,</b> Jalna. (Maharashtra).
3.	Clearance Letter (s)/OM No, &dt	:	SEAC-2014 CR-32, TC-2 Dtd. 30.09.2014
4.	Location: a) District (s) b) State (s) c) Location Latitude/ Longitude	:	Jalna Maharashtra Lat.19°50'54'' N/ Long.75°50'16''E
5.	Address for Correspondence a) Address of the Concerned Project Chief Engineering (with pin code and telephone/telephex/fax numbers):  b) Address of Executive Project Engineer/ Manager (pin code fax numbers)	:	Mr. Nitin Kabra (Director) M/s: Bhagyalaxmi Rolling Mills Pvt. Ltd. Plot No: G8, Additional MIDC Phase II Jalna Dist, Jalana. 431203(Maharashtra) 02482 221435/221391/221844/221834 -do-
6.	Salient features a) Of the Project b) Of the EMP	:	The manufacturing of MS Billets has been envisaged in the project using induction furnace and continuous casting stands; expansion EC accorded to the project with grant permission of production upto 750MTD.
7.	Breakup of the Project Area a) Submergence area: forest & non-forest b) others	:	MIDC plot area:18475m <sup>2</sup> No forest land.
8.	Breakup of the Project affected population with enumeration of those losing houses/ dwelling units only agricultural land only, both dwelling units and agricultural land and landless laborers/ artisans: a) SC, ST/ ADIVASI b) Others (please indicate whether these figures are based on any scientific and systematic survey carried out or only provisional figures if a survey is carried out give details and year of survey)	:	NA
9.	Financial details: a) Project cost as originally planned and subsequent revised estimates and the year wise break up. b) Allocation made for EMP with item wise and year wise break up. c) BC raito/IRR and the year of assessment d) Whether © includes the cost of EMP as shown in the above e) Actual expenditure incurred on the project so far f) Actual expenditure incurred on the EMP so far	:	Estimated capital cost of the project: Rs 35.00 Cr
10.	Forest Land Requirement: a) The status of approval for diversion of forest land for non-forestry use	:	NA

	b) The status of clearing felling c) The status of CA, if any d) Comments on the viability and sustainability of CA program in the light of actual field experience so far		
11.	The status of clear felling in non-forest areas (such as submergence area of reservoir, approach road,) if any with quantitative information required.	:	NA
12.	Status of construction (actual &/ planned) a) Date of commencement b) Date of completion	:	Commencement work after SEIAA accorded the EC. Project completed in 2016
13.	Reasons for delay if the project is year to start	:	-
14.	Dates of site visits a) The dates on which the project was mentioned by Regional Office on previous occasion, if any b) Date of site visits for this monitoring report	:	08.07.2021
15.	Details of correspondence with project authorities for obtaining act on plans/ information on status of compliance to safeguards other than the routine letters for logistic support for site visits). (the first monitoring report may contain the details of all the letters issued so far, but the later report may cover only the letter issued subsequently)	:	As above

**Compliance status of conditions stipulated in Environmental Clearance granted for proposed expansion of billet manufacturing facility (350 to 750 MTD) by M/s. Bhagyalaxmi Rolling Mill Pvt Ltd., Plot no. G-8, Additional MIDC area, Jalna, Maharashtra granted by SEIAA, Maharashtra vide letter no. SEAC-2014/CR 32/TC-2 dated 30.09.2014**

S.No.	Condition	Compliance Status
i.	No additional land shall be used/ acquired for any activity of the project without obtaining proper permission.	As per the details provided, the plant has been established in 18475 sq.m. of land allotted by MIDC.
ii.	This environmental clearance is issued subject to obtaining NOC from Forestry & Wild life angle including clearance from the standing committee of the National Board for Wild life as if applicable & this environment clearance does not necessarily implies that Forestry & Wild life clearance granted to the project which will be considered separately on merit.	Project is located in MIDC area. Project is not located within 10 km.s of any eco-sensitive area.
iii.	For controlling the fugitive natural dust, regular sprinkling of water & wind shields at appropriate distances at vulnerable areas of the plant shall be ensured.	<p><b>Complying with.</b></p> <p>Water sprinkling arrangement has been provided. Primary and secondary air pollution control equipment were installed. Plantation has been developed in and around the plant area. The details of plantation is as follows:</p> <ol style="list-style-type: none"> <li>1. Plantation of 6000 no.s of saplings in Miyawaki method over an area of 2024.26 sq.m.</li> <li>2. In addition to above, plantation of 1552 no.s of saplings of different species was carried out in and around the plant area.</li> </ol>
iv.	PP has to abide by the condition stipulated by SEAC and SEIAA	<b>PP agreed to comply with.</b>
v.	Regular monitoring of the air quality, including SPM & SO <sub>2</sub> levels both in work zone and ambient air shall be carried out in and around the power plant and records shall be maintained. The location of monitoring stations and	<p><b>Complying with.</b></p> <p>Ambient air quality is being monitored at 3 locations within the plant area for Particulate Matter (PM<sub>10</sub>, PM<sub>2.5</sub>), SO<sub>2</sub>, NO<sub>x</sub>, CO, etc. Process emissions and DG sets emissions are being monitored regularly.</p>



	frequency of monitoring shall be decided in consultation with Maharashtra Pollution Control Board (MPCB) & submit report accordingly to MPCB.	As per the monitoring data, the air quality levels found to be within prescribed standards.
vi.	Necessary arrangement shall be made for adequate safety and ventilation arrangement in the furnace area.	Primary and secondary air pollution control equipment was installed for continuous suction of fumes from the induction furnace. Photographs are enclosed as <b>Annexure-1</b> .
vii.	Proper housekeeping programmes shall be implemented.	<b>Complying with.</b> During the site inspection housekeeping found to be satisfactory.
viii.	In the event of the failure of any pollution control system adopted by the unit, the unit shall be put out of operation and shall not be restarted until the desired efficiency has been achieved.	<b>PP agreed upon.</b>
ix.	Stack of adequate height based on DG set capacity shall be provided for control and dispersion of pollutant from DG set (if applicable).	<b>Complying with.</b> 1 DG set of capacity 500 KVA was provided. Stack of height 4.5 meters provided.
x.	A Detailed scheme for rainwater harvesting shall be prepared and implemented to recharge ground water.	<b>Complied.</b> The rain water from the plan area is stored in a pond of 0.15 million cu.m. capacity. The water from the pond is being used for the operations of the both projects (Gut no. 8 & Gut no. 30).
xi.	Arrangement shall be made that effluent and storm water do not get mixed.	Separate drains have been provided for the storm water. The effluent generated from the quenching process is treated in the sedimentation tank. Treated water is being reused for quenching.
xii.	Noise level shall be maintained as per standards. For people working in high noise area, requisite personal protective equipment like earplugs, etc. shall be provided.	<b>Partly complied.</b> Ambient and work zone noise levels are being monitored at 3 locations each. As per the monitoring data, the equivalent noise levels found to be within prescribed standards.
xiii.	The overall noise levels in and around	

	the plant are shall be kept well within the standards by providing noise control measures including acoustic hoods, silencers, enclosures, etc. On all sources of noise generation. The ambient noise levels shall confirm to the standards prescribed under Environment (protection) Act.1986 Rules 1989.	Personnel Protective Equipment (PPE) has been provided for the employees. There is no clarity in the monitoring report whether monitoring is being carried out during day time or night time. PP shall carry out the monitoring during day and night times.
xiv.	Green belt shall be developed & maintained around the plant periphery. Green Belt Development shall be carried pit considering CPCB guidelines including selection of plant species and in consolation with the local DFO/Agriculture Det.	<p><b>Complying with.</b></p> <p>Plantation has been developed in and around the plant area. The details of plantation is as follows:</p> <ol style="list-style-type: none"> <li>1. Plantation of 6000 no.s of saplings in Miyawaki method over an area of 2024.26 sq.m.</li> <li>2. In addition to above, plantation of 1552 no.s of saplings of different species was carried out in and around the plant area.</li> </ol> <p>Photographs are enclosed as <b>Annexure-2.</b></p>
xv.	Adequate safety measures shall be provided to limit the risk zone within the plant boundary, in case of an accident. Leak detection devices shall also be installed at strategic places for early detection and warning.	<p><b>Complying with.</b></p> <p>Fire extinguishers, hydrant line along with the underground water tank have been provided.</p>
xvi.	Occupational health surveillance of the working shall be done on angular basis and record maintained as per factories Act.	<p><b>Complying with.</b></p> <p>As per the information provided, health check up of all the employees is carried out once in a year and records are being maintained.</p>
xvii.	The company shall make the arrangement for protection of possible fire hazards during manufacturing process in material handling.	<p><b>Complying with.</b></p> <p>Fire extinguishers, hydrant line along with the underground water tank have been provided.</p>
xviii.	The project authorities must strictly with the rules and regulations with regard to handling and disposal of	MPCB granted renewal of consent to operate vide letter no 1.0/BO/JD (APC) Amendment/CC-597 (A) dated 23.03.2021

	hazardous wastes in accordance with the Hazardous waste (Management and Handling) Rules, 2003 (amended) Authorization from the MPCB shall be	with validity upto 30.06.2021. As per the consent granted by MPCB, PP shall not generate any hazardous waste.
	obtained for collections/ treatment/ storage /disposal of hazardous wastes.	
xix.	<p>The company shall undertake following waste minimization Measures:</p> <ul style="list-style-type: none"> <li>a. Metering of quantities of active ingredients to minimize waste.</li> <li>b. Reuse of by-products from the process as raw materials or as raw material substitutes in others process.</li> <li>c. Maximizing Recoveries.</li> <li>d. Use of automated material transfer system to minimize spillage.</li> <li>e. Use of "Closed Feed" system in to batch reactors.</li> </ul>	The main raw material for the unit is MS Scrap. Secondary raw material is sponge Iron. The raw materials are loaded into the furnace through Over head cranes. No liquid raw material is being used. The industry is using waste material (MS Scrap) for the production of billets.
xx.	Regular mock drills for the on-site emergency management plan shall be carried out. Implementation of charges / improvements required, if any, in the on-site management plan shall be ensured.	<p><b>PP agreed to comply with.</b></p> <p>As per the information provided, mock drills are being carried out once in a year.</p>
xxi.	A separate environment management cell with qualified staff shall be set up for implementation of the stipulate environmental safeguards.	PP is taking guidance from NABET accredited consultancy for the compliance of conditions. Environmental quality is being monitored through MoEF&CC recognized laboratory.
xxii.	Transportation of ash will be through closed containers and all measures should be taken to prevent spilling of the ash.	Induction furnace is based on electricity. No boiler is installed. Hence there is no scope for generation of ash.
xxiii.	Separate silos will be provided for collecting and storing bottom ash and fly ash	



xxiv.	Separate funds shall be allocated for implementation of environmental protection measures/EMP along with item-wise breaks-up. These cost shall be included as part of the project cost.	<b>PP agreed to comply with.</b> PP submitted that budget is being allocated annually for environment protection measures. As per the information provided, an amount of Rs. 438 lakhs has been spent on air pollution control equipment till date.
xxv.	The funds earmarked for the environment protection measures shall not be diverted for other purpose and year-wise expenditure should reported to the MPCB and this department.	<b>PP agreed upon.</b>
xxvi.	The project management shall advertise at least in two local newspapers widely circulated in the region around the project, one of which shall be in the Marathi language of the local concerned within seven days of issue of this litter, informing that the project has been accorded environmental clearance and copies of clearance latter are available with the Maharashtra Pollution Control Board and may also be seen at website at <a href="http://envis.maharashtra.gov.in">http:// envis.maharashtra.gov.in</a> .	<b>Partly Complied.</b> Advertisement has been made however the clause of seven days was not followed.
xxvii.	Project management should submit half yearly compliance reports in respect of the stipulated prior environment clearance terms and conditions in hard & soft copies to the MPCB and this department, on 1 <sup>st</sup> June and 1 <sup>st</sup> December of each calendar year.	<b>Complying with.</b> PP submitted the six monthly compliance reports regularly since the grant of EC.
xxviii.	A copy of the clearance later should send by proponent to the concerned Municipal Corporation and local NGO, if any, from whom suggestions /representations, if any were received while processing the proposal. The clearance latter shall also be put on	<b>Partly complied.</b> PP submitted that a copy of the Environmental Clearance has been submitted to MIDC. However the same was not uploaded in the company website.

	the website of the company by the proponent.	
xxix.	<p>The proponent shall upload the status of compliance of the stipulated EC 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 MOEF, the respective Zonal Office of CPCB and the SPCB.</p> <p>The criteria pollution levels namely, SPM, RSPM, SO<sub>2</sub>, NO<sub>x</sub> (ambient levels as well as stack emissions) or critical sectoral parameters, indicated for the project shall be monitored and displayed at a convenient location near the main gate of the company in the public domain.</p>	<p><b>Partly complied.</b></p> <p>PP did not upload the six monthly compliance report to project website. Criteria pollutant levels are being displayed at the project site.</p>
xxx.	Six monthly compliance reports should be submitted to Regional Office MoEF, Bhopal with copy to this department and MPCB.	<p><b>Complying with.</b></p> <p>PP submitted the six monthly compliance reports regularly since the grant of environmental clearance.</p>
xxxi.	A complete set of all the documents submitted to Department should be forwarded to the Local authority and MPCB.	PP submitted that the documents have been submitted to MIDC and MPCB.
xxxii.	The environmental clearance is being issued without prejudice to the court case pending in the court of law and it does not mean that project proponent has not violated any environmental laws in the past and whatever decision the Hon'ble court will be binding on the project proponent. Hence this clearance does not give immunity to the project proponent in the case filed against him.	<b>PP agreed upon.</b>
4.	The environmental clearance is being issued without prejudice to the action	<b>PP agreed to comply with.</b>

	initiated under EP Act or any court case pending in the court of law and it does not mean that project proponent has not violated any environmental laws in the past and whatever decision under EP Act or of the Hon'ble court will be binding on the project proponent. Hence this clearance does not give immunity to the project proponent in the case filed against him, if any or action initiated under EP Act.	
5.	The Environment department reserves the right to add any stringent condition or to revoke the clearance if conditions stipulated are not implemented to the satisfaction of the department or for that matter, for any other administrative reason.	<b>PP agreed to comply with.</b>
6.	<b>Validity of Environment Clearance:</b> The environmental clearance accorded shall be valid for a period of 5 years to start the production operations.	As per the information provided, proposed expansion has already been carried out.
7.	In case of any deviation or alteration in the project proposed from those submitted to this department for clearance, a fresh reference should be made to the department to assess the adequacy of the conditions (S) imposed and to incorporate additional environmental protection measures required, if any.	<b>PP agreed upon.</b>
8.	The above stipulations would be enforced among others under the Water (Prevention and Control of Pollution) Act, 1974, the Air (Prevention and Control of Pollution) Act, 1981. The Environment (Protection) Act 1986 and rules there	<b>PP agreed to comply with.</b> MPCB granted renewal of consent to operate vide letter no 1.0/BO/JD (APC) Amendment/CC-597 (A) dated 23.03.2021 with validity upto 30.06.2021. PP submitted that an application for the renewal of consent to operate was



	under, Hazardous Wastes (Management and Handling) Rules 1989 and its amendments, the public Liability Insurance Act, 1991 and its amendments.	submitted to MPCB and the same is pending with MPCB.
9.	Any appeal against this environmental clearance shall lie with the National Green Tribunal (Western Zone Bench, Pune), New Administrative Building, 1 <sup>st</sup> Floor, Opposite Council Hall, Pune, If preferred, within 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.	As per the information provided, no appeal was filed against the project.
10.	This environmental clearance is issued for proposed expansion of billet manufacturing facility (350 to 750 MTD), Plot no. G-8, Additional MIDC area, Jalna by M/s. Bhagyalaxmi Rolling Mill Pvt Ltd.,	PP agreed upon.

*A. Suresh Kumar*  
 (Suresh Kumar Adapa)  
 (Suresh Kumar Adapa)

वैज्ञानिक-ई/Scientist-E  
 पर्यावरण, वन एवं जलवायु परिवर्तन, मंत्रालय  
 Ministry of Environment, Forest and Climate Change  
 एकीकृत क्षेत्रीय कार्यालय, नागपुर-440 001  
 Integrated Regional Office, Nagpur-440 001

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## Summary Note

### **1. Implementation of Conditions:**

Site inspection of the project has been carried out on 08.07.2021. SEIAA, Government of Maharashtra vide letter 30.09.2014 granted environmental clearance for the expansion of the billet manufacturing facility 350 TPD to 750 TPD. The effluent generated from the quenching process is treated in the sedimentation tank. Treated water is being reused for quenching. Primary side suction and secondary top suction systems have been provided for the induction furnace. Both the systems are connected to bag filter. Environmental quality is being monitored through external laboratory. Plantation of 6000 no.s of saplings carried out in Miyawaki method over an area of 2024.26 sq.m. In addition to above, plantation of 1552 no.s of saplings of different species was carried out in and around the plant area. During site inspection, housekeeping in the plant found to be good.

#### **Following conditions were partially complied:**

##### **Condition no. xii & xiii:**

Ambient and work zone noise levels are being monitored at 3 locations each. As per the monitoring data, the equivalent noise levels found to be within prescribed standards.

Personnel Protective Equipment (PPE) has been provided for the employees. There is no clarity in the monitoring report whether monitoring is being carried out during day time or night time. PP shall carry out the monitoring during day and night times.

##### **Condition no. xxvi:**

Advertisement has been made however the clause of seven days was not followed.

##### **Condition no. xxviii & xxix:**

PP did not upload the copies of EC, six monthly compliance report to project website.

### **2. Review w.r.t to MOEFs letter dated 30.5.2012:**

The monitoring report has been prepared after carrying out the site visit on 08.07.2021 for the expansion/amendment of environmental clearance granted for the expansion of billet manufacturing facility of M/s. Bhagyalaxmi Rolling Mill Pvt Ltd., Plot no. G-8, Additional MIDC area, Jalna, Maharashtra. Compliance status is based on the observations made during the site inspection.

### **3. Court Cases and show cause/closure notices:**

No details provided regarding court cases, show cause/closure notices.

MPCB granted renewal of consent to operate vide letter no 1.0/BO/JD (APC) Amendment/CC-597 (A) dated 23.03.2021 with validity upto 30.06.2021. PP submitted that an application for the renewal of consent to operate was submitted to MPCB and the same is pending with MPCB.

  
(Suresh Kumar Adapa)  
Scientist-E  
वैज्ञानिक-ई/Scientist-E  
पर्यावरण, वन एवं जलवायु परिवर्तन, मंत्रालय  
Ministry of Environment Forest and Climate Change  
एकीकृत क्षेत्रीय कार्यालय, नागपुर-440 001  
Integrated Regional Office, Nagpur-440 001

13/25

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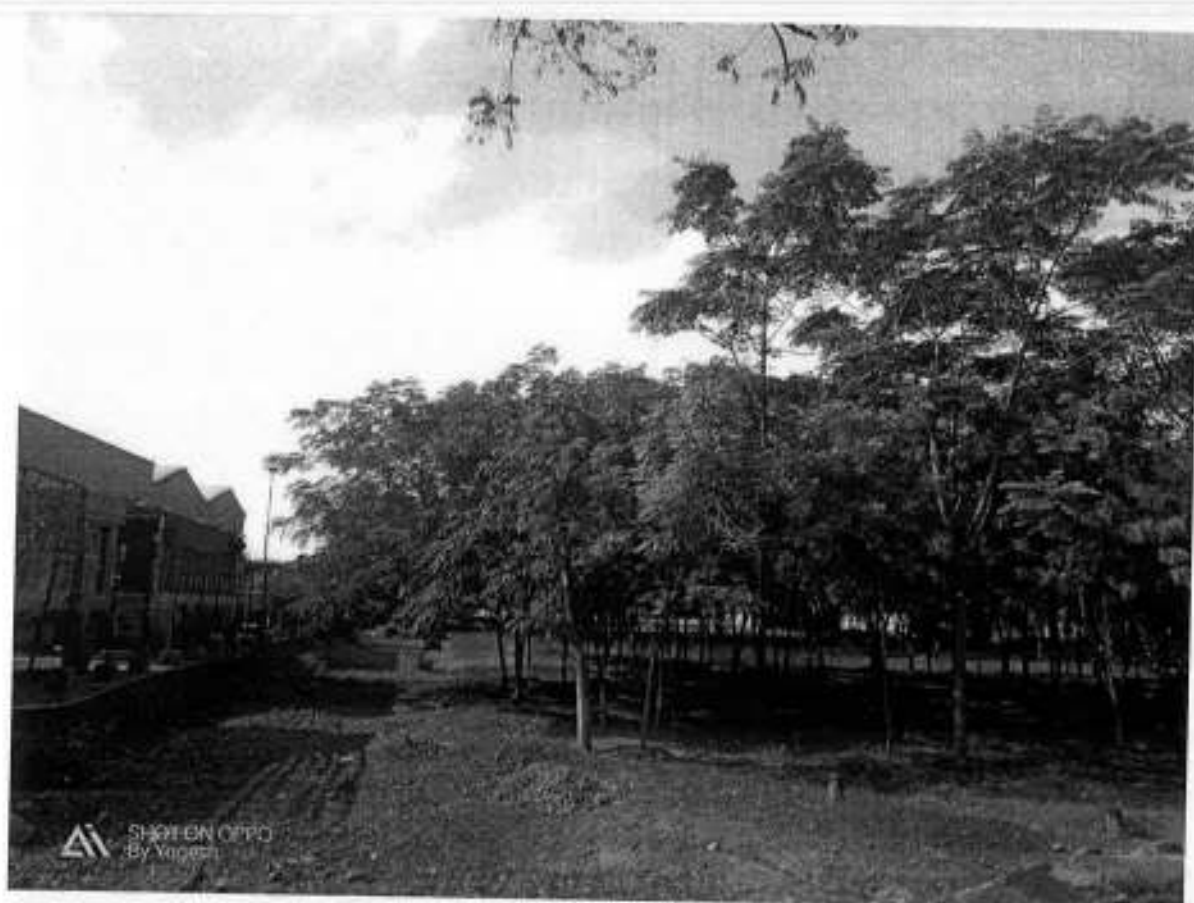
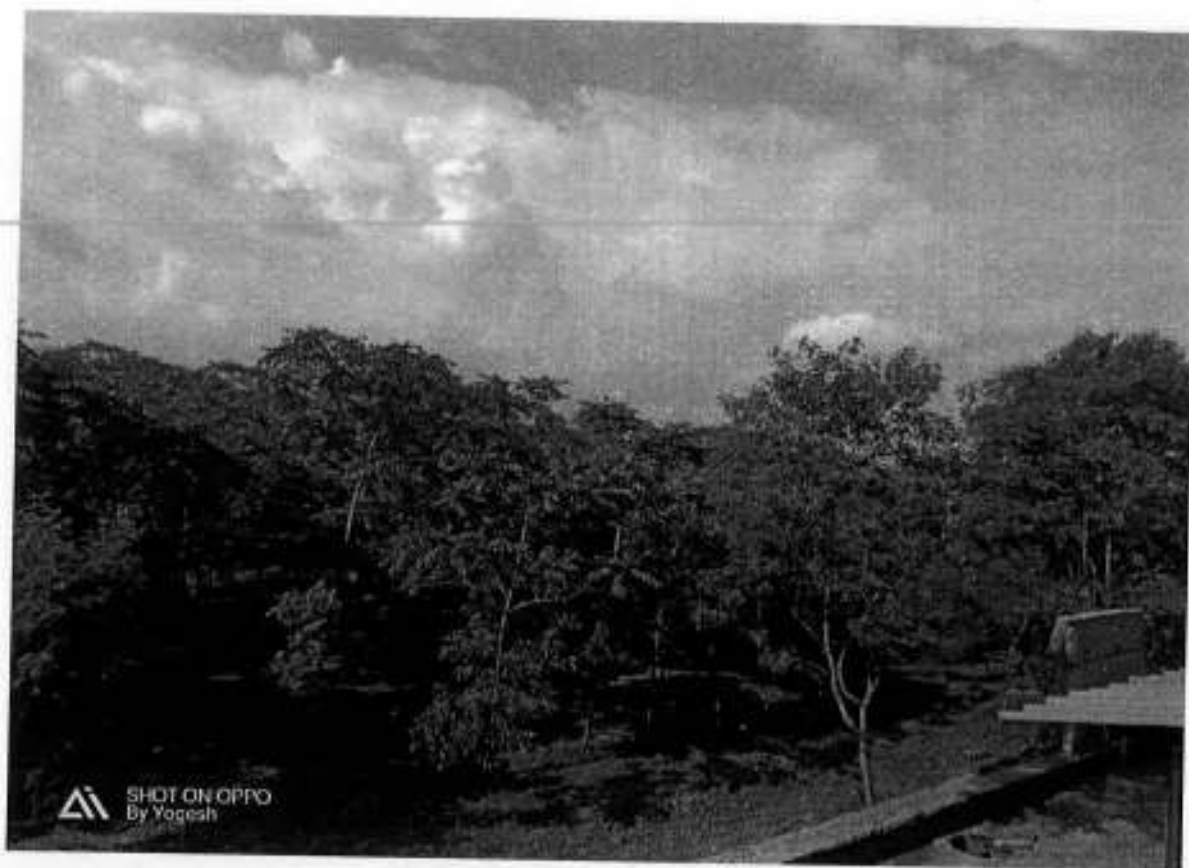


TOTAL NUMBER OF TREES IN MIYAWAKI DENSE FOREST IS ABOUT 7552 NOS TREES ARE PLANTED



MIYAWAKI DENSE FOREST





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**DRIP IRRIGATION**



BRMPL TREE PLANTATION DETAILS					
NRM IN- OUT GET WALL SIDE AREA TREES					
SR.NO.		TREES NAME	QTY.	Remark	
A	1	Singapore Cherry	300	Total trees	6000
	2	SHEWGA	515		
	3	SISAM	600		
	4	SAGWAN	300	Total Area /Sq.Ft.	21789
	5	SHETAWARI	480		
	6	ADULASA	400		
	7	ASHWAGANDHA	420	Water Source	Pipe Line
	8	KANHER	380		
	9	MOGARA	240		
	10	SITAPHAL	795	Tree Distance/ Ft.	1.5 X 1.5
	11	KADU LIMB	1000		
	12	BADAM	570		
NRM CANTEEN FRONT SIDE FOREST					
B	1	MILIYA DUBIYA	265	Total trees	600
				Total Area /Sq.Ft.	21789
	2	KADU LIMB	335	Water Source	Drip
				Tree Distance/ Ft.	10 X 10
PRE-CAST AREA FOREST					
C	1	WAD	96	Total trees	450
	2	UMBER	171	Total Area /Sq.Ft.	43559
	3	PIMPAL	183	Water Source	Pipe Line
				Tree Distance/ Ft.	50X50
NRM DISPTACH AREA					
D	1	Fostill	6	Total trees	444
	2	Black Fycus Chota	16		
	3	Adenium	8		
	4	Limb	76	Total Area /Sq.Mtr	1320
	5	Aapta	12		
	6	Karanj	8		
	7	Wad	11	Water Source	Pipe Line
	8	Nagchafa	6		
	9	Ratchandan	7		
	10	Palas	6	Tree Distance/ Ft.	2 X 2
	11	Chandipath	16		
	12	Fycus Motha	48		
	13	Pimpal	46		
	14	Rabbish palm	13		
	15	Neem	68		
	16	Aareka palm	42		
	17	wad	8		
	18	Pimpal	15		
	19	Fycus	12		
	20	Turmeliya	15		
	21	Tulas	5		

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BSA PARKING AREA FOREST					
E		Pimpal	2	Total trees	16
		Fostill	4	Total Area /Sq.Mt.	16
		Fycus	5	Water Source	Pipe Line
		Karanj	3	Tree Distance/ Ft.	2 X 2
		Tulas	2		
NRM DISPTACH AREA					
F	1	Fostill	9	Total trees	78
	2	Black Fycus Chota	11		
	3	Limb	17	Total Area /Sq.Mt.	190
	4	Karanj	5		
	5	Wad	8	Water Source	Pipe Line
	6	Palas	2		
	7	Fycus Motha	6	Tree Distance/ Ft.	2 X 2
	8	Pimpal	2		
	9	Rabbish palm	9		
	10	Aareka palm	1		
	11	Pimpal	4		
	12	Fycus	2		
	13	Turmeliya	2		
NRM IN- OUT GET WALL SIDE AREA FOREST					
G	1	Kadu Leem	117	Total trees	414
	2	Chinch	52		
	3	Mango	27		
	4	Cherry	7	Total Area /Sq.Mt.	1,491 m <sup>2</sup>
	5	Chafa	7		
	6	Karanji	54	Water Source	Pipe Line
	7	Shewga	9		
	8	Khajur	5	Tree Distance/ Ft.	1.5 X 2
	9	Jambhul	54		
	10	Pimpal	9		
	11	Wad	7		
	12	Fycus	13		
	13	Palas	6		
	14	Coconut	8		
	15	Shivbabhul	10		
	16	Bor	1		
	17	Ashoka	15		
	18	Umber	8		
	19	Mehndi	3		
	20	Yerand	2		

TOTAL NUMBER OF TREES PLANTED TILL DATE IS 7552 TREES BY MIYAWAKI DENSE FOREST CONCEPT



# THE HOOD SUCTION

COLLECT FUMES EXTRACTED FROM FURNACE

CTION : 270000 cum / hr

ENSION:3600MM X 3500MM

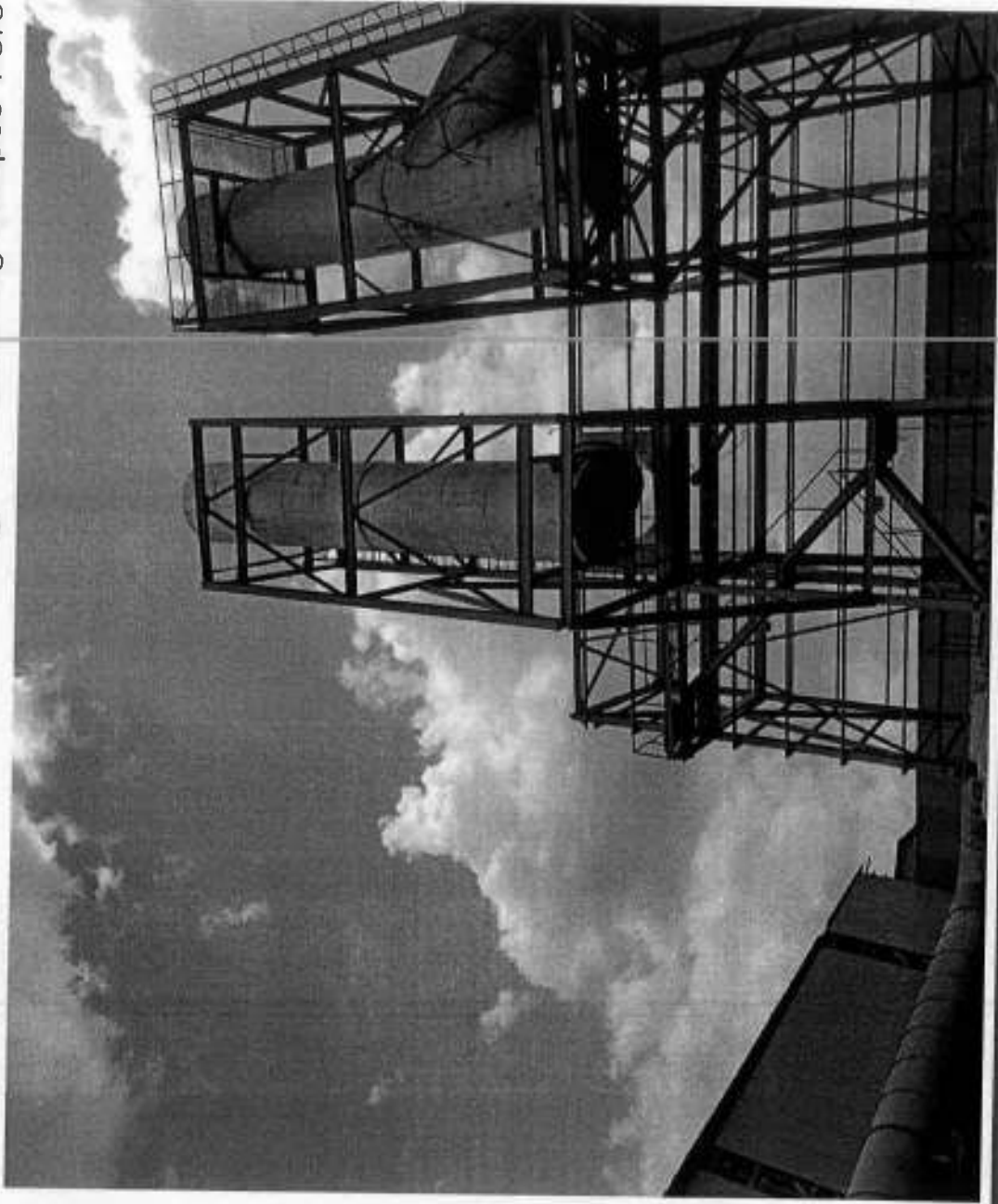
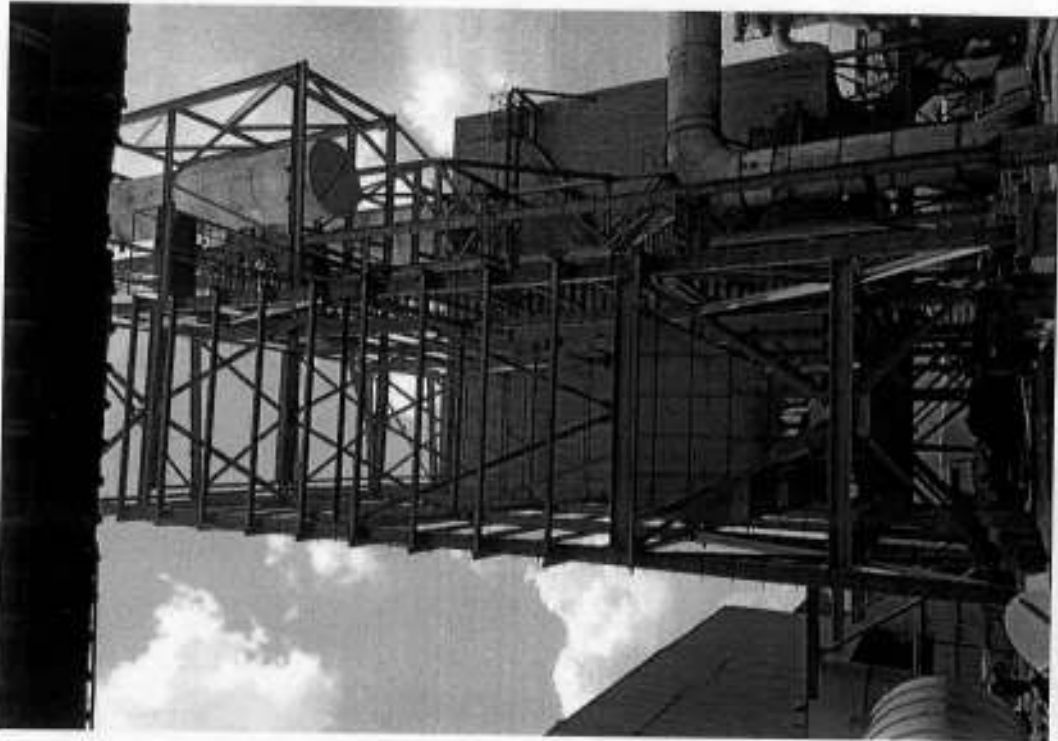


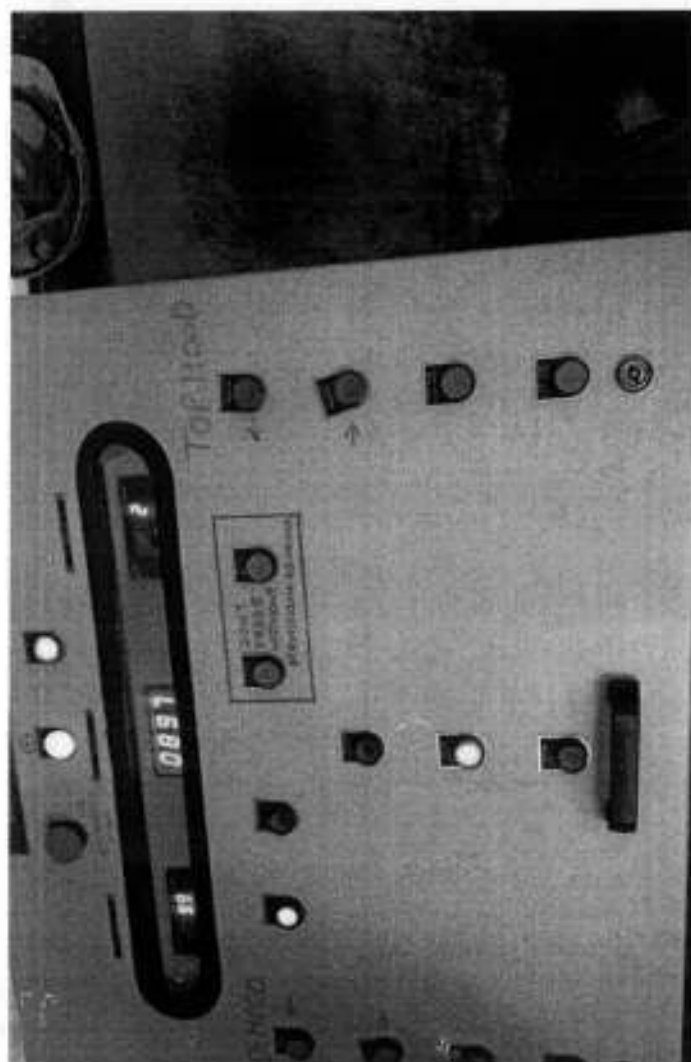
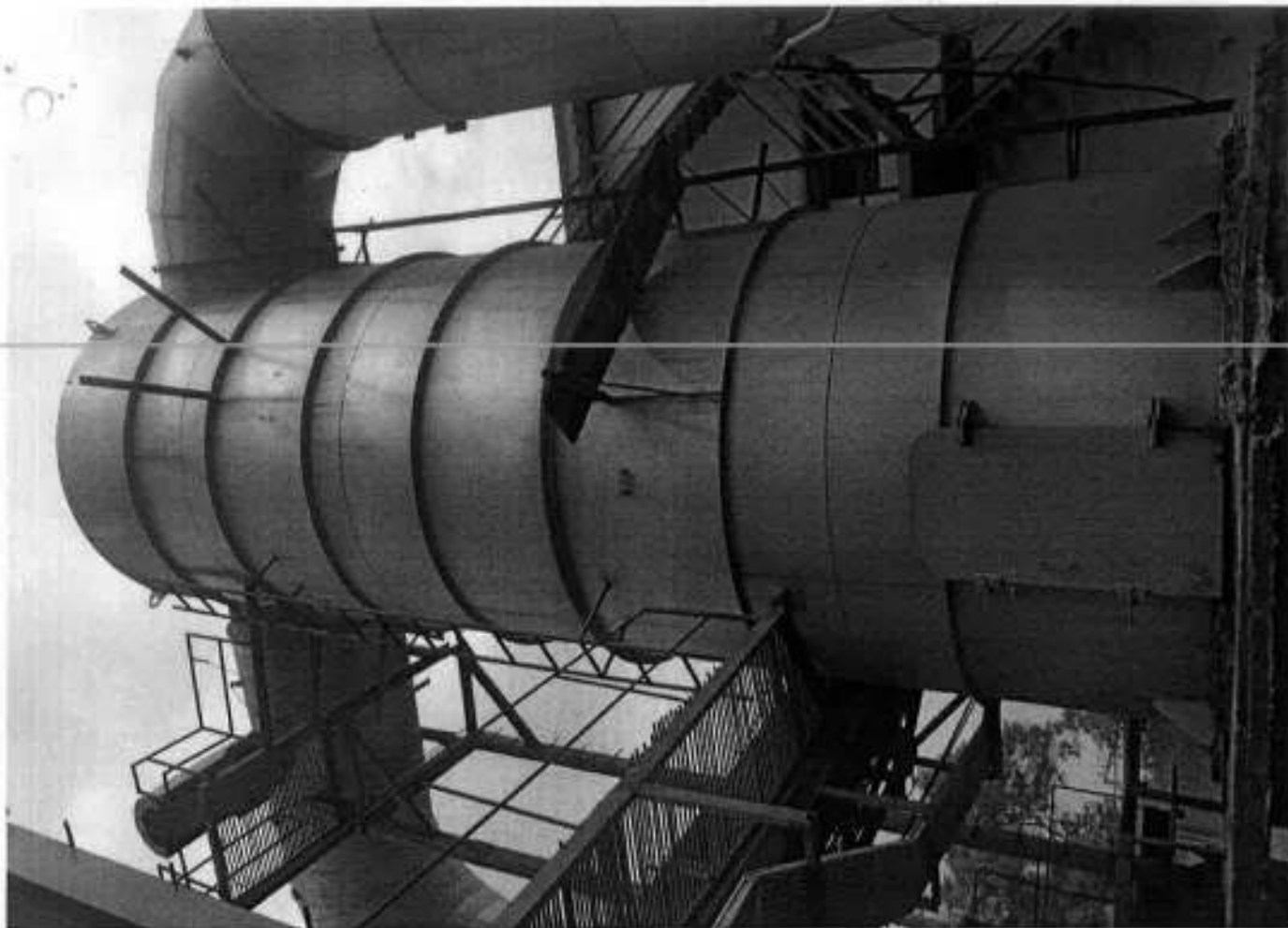
Shot on vivo Z1Pro  
Vivo AI camera

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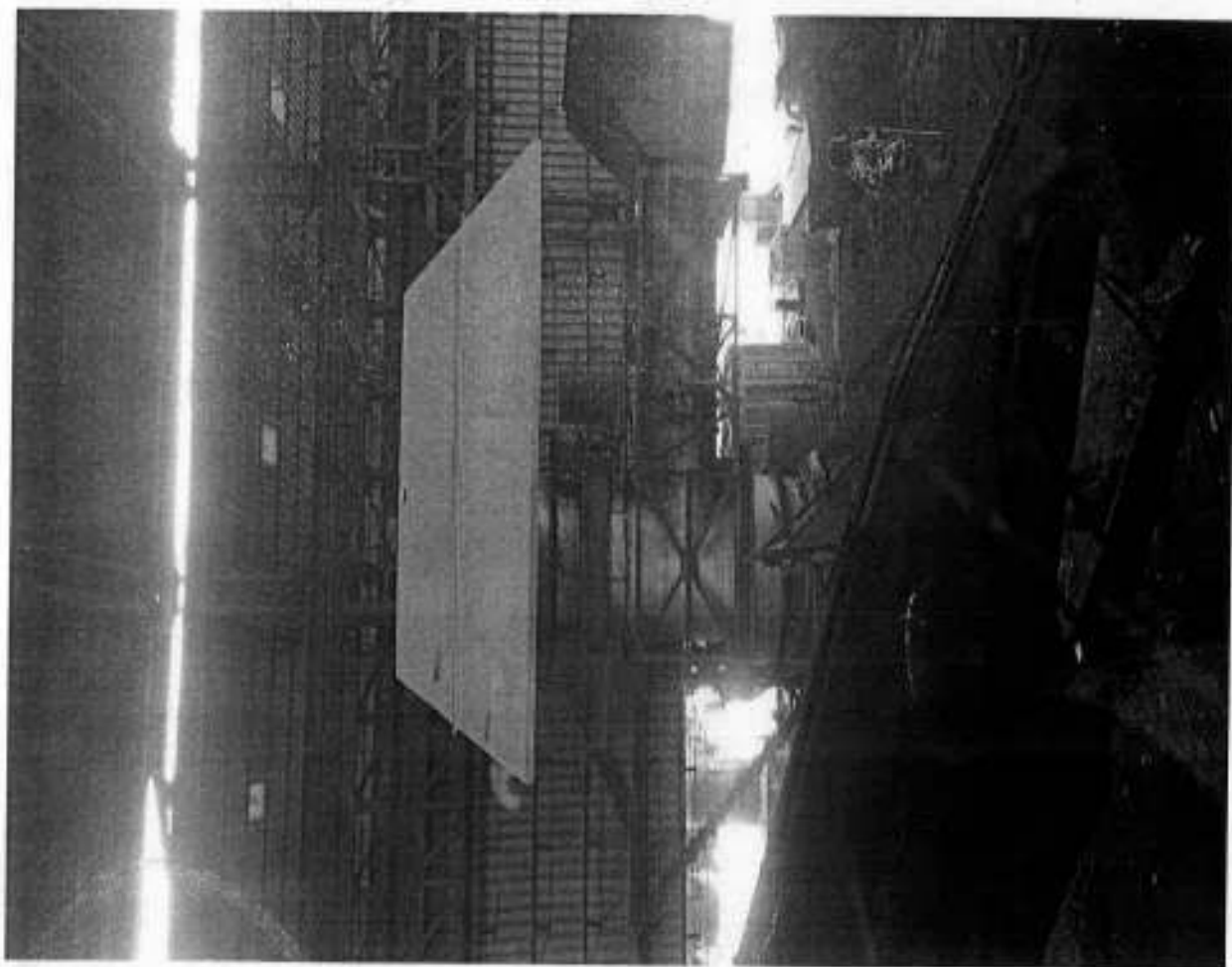
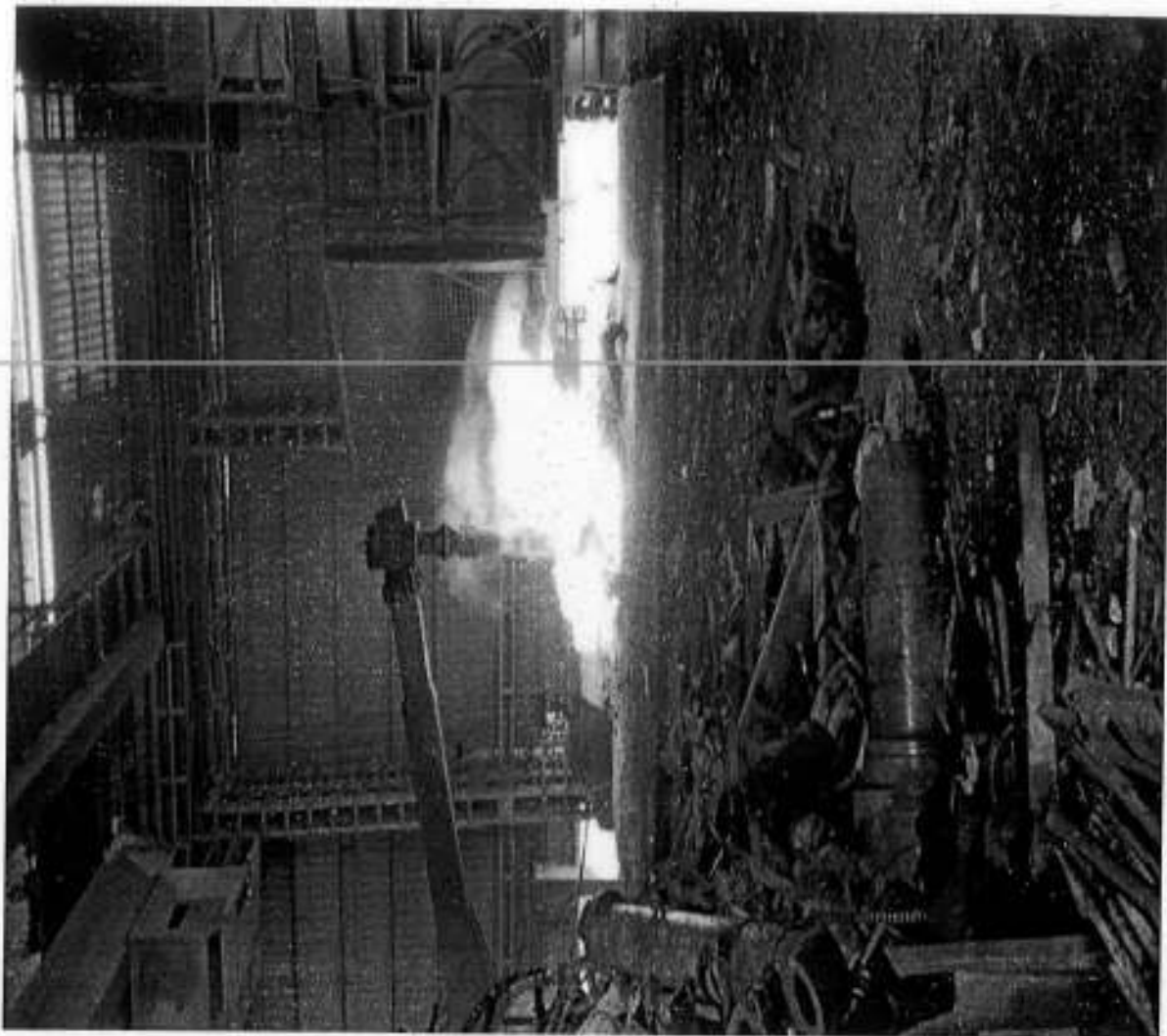
# JRNACE 3 DCS ERRECTION WORK

**pd POLAAR**  
Q S T & C R S B a  
Securing Shapes Fore









# RAIN WATER HARVESTING

CAPACITY: 15,00,00,000 LTRS

**pd POLAI**  
Q S T & C R S B a  
Securing Shapes Fore







# MIYAWAKI PLANTATION

## CONCEPT OF MINI DENSE FOREST

**pd POLAAI**  
QST & CRS Ba  
Securing Shapes Fore





## **Government of Maharashtra**

SEAC-2014.CR 32 / TC-2  
Environment department  
Room No. 217, 2<sup>nd</sup> floor,  
Mantralaya Annex,  
Mumbai- 400 032.  
Dated: 30<sup>th</sup> September, 2014

To,  
M/s. Bhagyalaxmi Rolling Mill Pvt. Ltd  
Plot No. C-8, Additional MIDC Area,  
Jalna

**Subject: Environment clearance for proposed expansion of 350 to 750 MTD-Plot No. G-8, Additional MIDC area, Jalna by M/s.Bhagyalaxmi Rolling Mill Pvt. Ltd.**

Sir,

This has reference to your communication on the above mentioned subject. The proposal was considered as per the EIA Notification, 2006, by the State Level Expert Appraisal Committee-I, Maharashtra in its 79<sup>th</sup> meeting and decided to recommend the project for prior environmental clearance to SEIAA. Information submitted by you has been considered by State Level Environment Impact Assessment Authority in its 73<sup>rd</sup> meeting.

It is noted that the proposal is for grant of Environment Clearance for proposed expansion of 350 to 750 MTD-Plot No. G-8, Additional MIDC area, Jalna. SEAC-I considered the project under screening category 3(a), B1 of EIA Notification 2006.

**Brief Information of the project submitted by Project Proponent is as:**

Name of the Project	Expansion of billet manufacturing facilities of Bhagyalaxmi Rolling Mills Pvt.Ltd., Jalna
Project Proponent	Name: M/s Bhagyalaxmi Rolling Mills Pvt.Ltd.Plot No: G-8, Additional MIDC Area, Jalna-431203
Consultant	Pollution & Ecology Control Services
Accreditation of consultant ( NABET Accreditation)	Yes Accredited vide letter no. NABET/EIA/02/12/47 dated 27/02/2012.
New Project / Expansion in existing project / Modernization / Diversification in existing project	Expansion
If expansion/ Diversification, whether environmental clearance has been obtained for existing project (If yes,	Expansion, The existing unit was installed prior to EIA notification 2006



enclose a copy with compliance table)					
Activity schedule in the EIA Notification	The project falls under the Category 'B' of the Schedule of EIA Notification, 2006. Item no. – 3(a)				
Area Details	Total plot Area (sq. m.): 18475 m <sup>2</sup> Built up Area (sq. m.): -				
Name of the Notified Industrial area / MIDC area	Additional MIDC Area, Jalna				
TOR given by SEAC? (if yes then specify the meeting)	Yes 59 <sup>th</sup> Meeting of the State Level Expert Appraisal Committee (SEAC)				
Estimated capital cost of the project: (including cost of land, building, plant and machinery separately)	Rs. 35 Crores				
Location details of the project:	1. Latitude - 19°51'37" N 2. Longitude - 75°51'00"E 3. Location- Additional MIDC Area, Jalna in Maharashtra 4. Elevation above Mean Sea Level (meters) – 534 m				
Distance from protected Areas /Critically Polluted areas/ Eco-sensitive areas/ inter-State boundaries	No critically polluted area, No National Parks/Wild life Sanctuary within 10 km radius.				
Raw materials (including process chemicals, catalysts, & additives).	List of raw materials to be used	Physical and chemical nature of raw material	Quantity (tonnes/month) full Production capacity	Source of materials	Means of transport (Source to storage site) with justification
	MS Scrap	Lumps	630 TPD	Local Market, Mumbai	Tarapaulin covered trucks.
	Sponge Iron	Lumps	158 TPD	Gujarat, Maharashtra and Chhattisgarh	-do-
Production details	Name of Products, By products and Intermediate Products	Existing (T/Year)	Proposed activity (new / modernization / expansion) (T/Year)	Total (T/Year)	
	Main Products	M.S. Billets (350 TPD)	M.S. Billets (400 TPD)	M S Billets – 750 TPD	
	By-Products	-			
	Intermediate Products		-		

Total Water Requirement	Total water requirement: <ul style="list-style-type: none"><li>Fresh water (CMD): 18 m<sup>3</sup>/day &amp; Source - MIDC</li><li>Recycled water (CMD):</li><li>Average annual Rain water storage : 8977.5 m<sup>3</sup> per annum</li><li>Rain water use (CMD): 30 m<sup>3</sup>/day</li></ul>				
	S.No.	Unit	Fresh Water Requirement (CMD)	Rain water use (CMD)	Waste water generation
	1	Domestic Use	3		2
	2	Cooling Purpose	7	30	
	3	Gardening	2		
	4	Scrubber	6		
		Total	18	30	2
	Use of the water : <ul style="list-style-type: none"><li>Process(CMD): m<sup>3</sup>/day</li><li>Cooling water(CMD): 37m<sup>3</sup>/day</li><li>DM Water (CMD): m<sup>3</sup>/day</li><li>Dust Suppression(CMD):</li><li>Drinking (CMD): 3m<sup>3</sup>/day</li><li>Green belt(CMD): 2m<sup>3</sup>/day treated water will be reused</li><li>Fire service(CMD):</li><li>Others (CMD): Scrubber : 6 m<sup>3</sup>/day</li></ul>				
	Storm water drainage				
	<ul style="list-style-type: none"><li>Natural water drainage pattern - Quantity of storm water</li><li>Size of SWD</li></ul>				
Sewage generation and treatment					
<ul style="list-style-type: none"><li>Amount of sewage generation (CMD) - 2 m<sup>3</sup>/day</li><li>Proposed treatment for the sewage – The domestic wastewater is being treated in septic tank followed by soak pits and discharged through sewerage network of MIDC.</li><li>Capacity of the STP (CMD) (If applicable) - NA</li></ul>					
Solid waste Management:					
Sr. No	Source	Qty (TPM)	Form (Sludge/ Dry/Slurry etc.)	Composition	
1.	Raw water treatment plant	Nil			
2	ETP	Nil			
3.	Process	Existing quantity 9 MT/Day Proposed Quantity 23 MT/Day		Slag from Induction Furnace	
4.	Spent Catalyst	Nil			
5.	Oily Sludge	Nil			
6.	Others like Battery waste, e waste etc (Pl. Specify)	Nil			

	<p>If waste (s) contains any hazardous/toxic substance/radioactive materials or heavy metals, provide quantity, disposal data and proposed precautionary measures.</p> <ul style="list-style-type: none"><li>• What are the possibilities of recovery and recycling of wastes?</li><li>• Possible users of Solid waste – Since the solid waste generated from induction furnace is non hazardous in nature it can be use in hardening of working area, possibilities can be explore for its use in construction of internal village roads, and filling of stone quarry pits.</li><li>• Method of disposal of solid waste – Slag generated is crushed at site. Iron particles are separated by using magnetic separator. Crushed slag (Sand) is being used in brick manufacturing / Concrete Mixture.</li></ul>						
Stack Emission Details: (All the stacks attached to process units, Boilers, captive power plant, D.G. Sets, Incinerator both for existing and proposed activity). Please indicate the specific section to which the stack is attached. e.g. : Process section, D.G. Set, Boiler, Power Plant, incinerator etc. Emission rate (kg/hr.) for each pollutant (SPM, SO <sub>2</sub> , NO <sub>x</sub> etc.) should be specified	Plant Section & units	Stack No.	Height from ground level (m)	Internal Diameter (TOP) (m)	Emission Rate		Temp. of Exhaust Gases
					For SO <sub>2</sub>	For NO <sub>x</sub>	
	Stack attached to Induction Furnace	1 <sup>st</sup>	30 m	1.6m	-	4.13	50 <sup>0</sup> C
Emission Standard	Pollutants (SPM,SO <sub>2</sub> , etc)	Emission Standard Limit (mg/Nm <sup>3</sup> )			Proposed Limit (mg/Nm <sup>3</sup> )	MPCB Consent (mg/Nm <sup>3</sup> )	
	PM <sub>10</sub> , PM <sub>2.5</sub> , SO <sub>2</sub> , NO <sub>x</sub> , CO	PM <sub>10</sub> – 60 - 100 µg/m <sup>3</sup> , PM <sub>2.5</sub> – 40 - 60 µg/m <sup>3</sup> SO <sub>2</sub> - 40 - 80 µg/m <sup>3</sup> NO <sub>x</sub> – 50 - 80 µg/m <sup>3</sup> CO – 2.0 – 4.0 mg/m <sup>3</sup>			.		
Ambient Air Quality Data	Pollutant	Permissible Standard		Predicted Concentration (in µg/m <sup>3</sup> )		Remarks	
	SPM	PM <sub>10</sub> - 100 µg/m <sup>3</sup> , PM <sub>2.5</sub> – 60 µg/m <sup>3</sup>		PM <sub>10</sub> - 25.4 to 58.4µg/m <sup>3</sup>  PM <sub>2.5</sub> - 9.4 to30.1µg/m <sup>3</sup>		All parameters will be within limits after commissioning of the plant.	
	SO <sub>2</sub>	80 µg/m <sup>3</sup>		SO <sub>2</sub> - 6.6 to 16.7µg/m <sup>3</sup>			
	NO <sub>x</sub>	80 µg/m <sup>3</sup>		NO <sub>x</sub> - 7.4 to 20.8µg/m <sup>3</sup> Project Site -			



			Predicted Conc. ( $\mu\text{g}/\text{m}^3$ ) – 0.75, Resultant Conc. ( $\mu\text{g}/\text{m}^3$ ) – 21.55	
	CO	4 $\text{mg}/\text{m}^3$	-	
Energy	Power supply: • Existing power requirement: 9000 KVA • Proposed power requirement: 10000 KVA			
Green Belt Development	• Green belt area (Sq. m.): 30% of total land			
Details of Pollution Control Systems:	Sr. No.		Existing pollution control system	Proposed to be installed
	i.	Air	Ventury Scrubbers followed by stack of 30mt height.	Ventury Scrubbers followed by stack of 30mt height.
	ii.	Water	Settling Tanks	Settling Tanks
	iii.	Noise	Ear muffs/ear plugs are provided to the workers, Acoustic laggings and silencers are provided in equipment	Ear muffs/ear plugs will be provided to the workers, Acoustic laggings and silencers will be provided in equipment
	iv)	Solid Waste	Slag Crusher	Slag Crusher
Environmental Management Plan Budgetary Allocation	• Capital cost (With break up): • O & M cost (With break up):			
			Recurring Cost per annum (Rs. Lakhs)	Capital cost (Rs. Lakhs)
	Air Pollution Control		10	75
	Water Pollution Control		1	5
	Environment Monitoring and Management		5	-
	Green Belt		2	5
	Solid waste management		5	70
	Others ( Pl. Specify)		6	-
	Environmental Cell			
29		155		

3. The proposal has been considered by SEIAA in its 73<sup>rd</sup> meeting & decided to accord environmental clearance to the said project under the provisions of Environment Impact Assessment Notification, 2006 subject to implementation of the following terms and conditions :

- (i) No additional land shall be used /acquired for any activity of the project without obtaining proper permission.

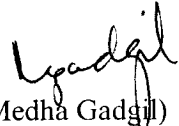
- (ii) This environmental clearance is issued subject to obtaining NOC from Forestry & Wild life angle including clearance from the standing committee of the National Board for Wild life as if applicable & this environment clearance does not necessarily implies that Forestry & Wild life clearance granted to the project which will be considered separately on merit.
- (iii) For controlling fugitive natural dust, regular sprinkling of water & wind shields at appropriate distances in vulnerable areas of the plant shall be ensured.
- (iv) PP has to abide by the conditions stipulated by SEAC & SEIAA.
- (v) Regular monitoring of the air quality, including SPM & SO<sub>2</sub> levels both in work zone and ambient air shall be carried out in and around the power plant and records shall be maintained. The location of monitoring stations and frequency of monitoring shall be decided in consultation with Maharashtra Pollution Control Board (MPCB) & submit report accordingly to MPCB.
- (vi) Necessary arrangement shall be made for adequate safety and ventilation arrangement in furnace area.
- (vii) Proper Housekeeping programs shall be implemented.
- (viii) In the event of the failure of any pollution control system adopted by the unit, the unit shall be immediately put out of operation and shall not be restarted until the desired efficiency has been achieved.
- (ix) Stack of adequate height based on DG set capacity shall be provided for control and dispersion of pollutant from DG set.(If applicable)
- (x) A detailed scheme for rainwater harvesting shall be prepared and implemented to recharge ground water.
- (xi) Arrangement shall be made that effluent and storm water does not get mixed.
- (xii) Noise level shall be maintained as per standards. For people working in the high noise area, requisite personal protective equipment like earplugs etc. shall be provided.
- (xiii) The overall noise levels in and around the plant shall be kept well within the standards by providing noise control measures including acoustic hoods, silencers, enclosures, etc. on all sources of noise generation. The ambient noise levels shall confirm to the standards prescribed under Environment (Protection) Act, 1986 Rules, 1989.
- (xiv) Green belt shall be developed & maintained around the plant periphery. Green Belt Development shall be carried out considering CPCB guidelines including selection of plant species and in consultation with the local DFO/ Agriculture Dept.
- (xv) Adequate safety measures shall be provided to limit the risk zone within the plant boundary, in case of an accident. Smoke and Heat detection devices shall also be installed at strategic places for early detection and warning.

- (xvi) Occupational health surveillance of the workers shall be done on a regular basis and record maintained as per Factories Act.
- (xvii) The company shall make the arrangement for protection of possible fire hazards during manufacturing process in material handling.
- (xviii) The project authorities must strictly comply with the rules and regulations with regard to handling and disposal of hazardous wastes in accordance with the Hazardous Waste (Management and Handling) Rules, 2003 (amended). Authorization from the MPCB shall be obtained for collections/treatment/storage/disposal of hazardous wastes.
- (xix) The company shall undertake following Waste Minimization Measures :
- Metering of quantities of active ingredients to minimize waste.
  - Reuse of by- products from the process as raw materials or as raw material substitutes in other process.
  - Maximizing Recoveries.
  - Use of automated material transfer system to minimize spillage.
- (xx) Regular mock drills for the on-site emergency management plan shall be carried out. Implementation of changes / improvements required, if any, in the on-site management plan shall be ensured.
- (xxi) A separate environment management cell with qualified staff shall be set up for implementation of the stipulated environmental safeguards.
- (xxii) Transportation of ash will be through closed containers and all measures should be taken to prevent spilling of the ash.
- (xxiii) Separate silos will be provided for collecting and storing bottom ash and fly ash.
- (xxiv) Separate funds shall be allocated for implementation of environmental protection measures/EMP along with item-wise break-up. These cost shall be included as part of the project cost.
- (xxv) The funds earmarked for the environment protection measures shall not be diverted for other purposes and year-wise expenditure should reported to the MPCB & this department.
- (xxvi) The project management shall advertise at least in two local newspapers widely circulated in the region around the project, one of which shall be in the marathi language of the local concerned within seven days of issue of this letter, informing that the project has been accorded environmental clearance and copies of clearance letter are available with the Maharashtra Pollution Control Board and may also be seen at Website at <http://ec.maharashtra.gov.in>
- (xxvii) Project management should submit half yearly compliance reports in respect of the stipulated prior environment clearance terms and conditions in hard & soft copies to the MPCB & this department, on 1<sup>st</sup> June & 1<sup>st</sup> December of each calendar year.



- (xxviii) A copy of the clearance letter shall be sent by proponent to the concerned Municipal Corporation 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 website of the Company by the proponent.
- (xxix) The proponent shall upload the status of compliance of the stipulated EC 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 MoEF, the respective Zonal Office of CPCB and the SPCB. The criteria pollutant levels namely; SPM, RSPM, SO<sub>2</sub>, NO<sub>x</sub> (ambient levels as well as stack emissions) or critical sectorial parameters, indicated for the project shall be monitored and displayed at a convenient location near the main gate of the company in the public domain.
- (xxx) Six monthly monitoring reports should be submitted to the Regional office MoEF, Bhopal with copy to this department and MPCB.
- (xxxi) A complete set of all the documents submitted to Department should be forwarded to the Local authority and MPCB.
- (xxxii) The environmental clearance is being issued without prejudice to the court case pending in the court of law and it does not mean that project proponent has not violated any environmental laws in the past and whatever decision of the Hon'ble court will be binding on the project proponent. Hence this clearance does not give immunity to the project proponent in the case filed against him.
4. The environmental clearance is being issued without prejudice to the action initiated under EP Act or any court case pending in the court of law and it does not mean that project proponent has not violated any environmental laws in the past and whatever decision under EP Act or of the Hon'ble court will be binding on the project proponent. Hence this clearance does not give immunity to the project proponent in the case filed against him, if any or action initiated under EP Act.
  5. The Environment department reserves the right to revoke the clearance if conditions stipulated are not implemented to the satisfaction of the department or for that matter, for any other administrative reason.
  6. **Validity of Environment Clearance:** The environmental clearance accorded shall be valid for a period of 5 years to start of production operations.
  7. In case of any deviation or alteration in the project proposed from those submitted to this department for clearance, a fresh reference should be made to the department to assess the adequacy of the condition(s) imposed and to incorporate additional environmental protection measures required, if any.
  8. The above stipulations would be enforced among others under the Water (Prevention and Control of Pollution) Act, 1974, the Air (Prevention and Control of Pollution ) Act, 1981, the Environment (Protection) Act, 1986 and rules there under, Hazardous Wastes (Management and Handling ) Rules, 1989 and its amendments, the public Liability Insurance Act, 1991 and its amendments.

9. Any appeal against this environmental clearance shall lie with the National Green Tribunal (Western Zone Bench, Pune), New Administrative Building, 1<sup>st</sup> Floor, D-, Wing, Opposite Council Hall, Pune, if preferred, within 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010
10. This Environment Clearance is issued for proposed expansion of 350 to 750 MTD-Plot No. G-8, Additional MIDC area, Jalna by M/s.Bhagyalaxmi Rolling Mill Pvt. Ltd.

  
(Medha Gadgil)  
Additional Chief Secretary,  
Environment department &  
MS, SEIAA

**Copy to:**

1. Shri. R. C. Joshi, IAS (Retd.), Chairman, SEIAA, Flat No. 26, Belvedere, Bhulabhai desai road, Breach candy, Mumbai- 400026.
2. Shri T. C. Benjamin, IAS (Retired), Chairman, SEAC-I, 602, PECAN, Marigold, Behind Gold Adlabs, Kalyani Nagar, Pune – 411014.
3. Additional Secretary, MoEF & CC, Indira Paryavaran Bhavan, Jorbagh Road, Aliganj, New Delhi-110003.
4. Member Secretary, Maharashtra Pollution Control Board, with request to display a copy of the clearance.
5. The CCF, Regional Office, Ministry of Environment and Forest (Regional Office, Western Region, Kendriya Paryavaran Bhavan, Link Road No- 3, E-5, Ravi-Shankar Nagar, Bhopal- 462 016). (MP).
6. Regional Office, MPCB, Aurnagabad
7. CEO, MIDC, Jalna
8. IA- Division, Monitoring Cell, MoEF & CC, Indira Paryavaran Bhavan, Jorbagh Road, Aliganj, New Delhi-110003.
9. Select file (TC-3)

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