



Danish Envis <danish1017@gmail.com>

Submission of Six monthly compliance report for M/S: BHAGYALAXMI ROLLING MILLS PVT LTD, G-8, JALNA

1 message

bhagyalaxmi rolling <brmto2000@gmail.com>

Wed, Jun 30, 2021 at 7:12 PM

To: ecompliance-mh@gov.in, ecrdw.cpcb@gov.in

Cc: danish1017@gmail.com, Vidyadhar Muley <vv.muley@polaadbars.com>

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

Sub: Submission of Six monthly compliance reports for the month of JUNE-2021.

Dear Sir

This has reference to the above subject; we are submitting six monthly compliance reports as per conditions stated in Environmental Clearance.

We are enclosing documents herewith for further reference. Our point wise submission is as under:

- I. Tabular compliance**
- II. EC letter**
- III. Annexures**

We hope the submitted details are satisfactory. Kindly acknowledge the same.

Thanking you,

For **Bhagyalaxmi Rolling Mill Pvt. Ltd, G-8, Jalna,**

**SIX MONTHLY COMPLIANCE SUBMISSION FOR JUNE 2021.pdf**


5874K

EC Compliance Conditions

S. No	Conditions	Compliance
i.	No additional land shall be used /acquired For any activity of the project without obtaining proper permission.	No additional land has been used and Activity has been completed within existing land.
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.	Not applicable since project falls under notified Industrial area.
iii.	For controlling fugitive natural dust, regular sprinkling of water & wind shields at appropriate distances in vulnerable areas of the plant shall be ensured.	Water sprinkling is being done to control Fugitive emissions. All the internal roads are made up of cement concretes. Around the factory green belt is developed to wind shield. Dust Controller & collections system, de-dusting system and dust suppression system like water spraying is provided to control fugitive emissions to meet the MPCB norms.
iv.	PP has to abide by the conditions Stipulated by SEAC & SEIAA.	Agreed.
v.	Regular monitoring of the air quality, including SPM & SO ₂ 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.	We are regularly checking air quality. Report of the same is incorporated. Copy of the monitoring reports is enclosed.
vi.	Necessary arrangement shall be made for adequate safety and ventilation arrangement in furnace area.	Necessary arrangements for safety and ventilation are in place.
vii.	Proper housekeeping programs shall be Implemented.	Housekeeping programs are under Implementation.
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, operations will be stopped in case of any failure.

ix.	Stack of adequate height based on DG set Capacity shall be provided for control and dispersion of pollutant from DG set. (If Applicable).	Stack height as per CPCB norms.
x.	A detailed scheme for rainwater Harvesting shall be prepared and implemented to recharge ground water.	Scheme has been prepared and complied accordingly.
xi.	Arrangement shall be made that effluent and storm water does not get mixed.	Separate drains provided for storm water and grey water. Waste water will not be generated from the process hence effluent will not be generated.
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.	Complying with. Workers have been provided ear muffs, helmet and safety equipment. Noise levels are within prescribed standards.
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.	All preventive measures are taken to control noise pollution. Acoustic enclosures, Insulation and proper oiling & greasing done regularly to avoid machine frictions.
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.	We have preferred to the local plant species for the green belt development.
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.	The complete fire fighting system is Provided at furnace and office premises, fire extinguishers are installed. The plant operation involves heat /smoke emission so that smoke detection system is not installed.
xvi.	Occupational health surveillance of the Workers shall be done on a regular basis and record maintained as per factories act.	Being complied as per factories act. To ensure optimum hygienic conditions in the plant area, proper drainage network is provided to avoid water logging and outflow. Adequate health related measures and a well equipped Safety and Environment Department is established to ensure clean and healthy environment.

xvii.	The company shall make the arrangement For protection of possible fire hazards during manufacturing process in material handling.	All employees trained in operating fire Extinguishers.
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.	We assure you that we are not producing any type of HW waster during manufacturing.
xix.	The company shall undertake following waste minimization measures:	
	<ul style="list-style-type: none"> Metering of quantities of active Ingredients to minimize or as raw material substitute in other process. 	To increase the standardization of the Scraps and cut into regular and standard pieces, the “Shear Baler” machine was imported from Italy. The entire scrap received at the yard, first dust sorted according to their types and then they Are shifted to the charging zone of the Shearing machine. This “Shear Baler” machine is then charged with a stationary crane with a grabber assembly.
	<ul style="list-style-type: none"> Maximizing recoveries. 	Being done.
	<ul style="list-style-type: none"> Use of automated material transfer System to minimize spillage. 	The scraps were picked by magnet and the same was charged into the furnace Directly.
	<ul style="list-style-type: none"> 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. 	Noted and being implemented.
xx.	A separate environment management cell With qualified staff shall be set up for implementation of the stipulated environmental safeguards.	An internal cell has been formed for Environment management.
xxi.	Transportation of ash will be through Closed containers and all measures should be taken to prevent spilling of the ash.	Agreed to comply.
xxii.	Separate funds shall be allocated for Implementation of environmental protection measures/ EMP along with item-wise breaks-up. These cost shall be	We are agreed upon.

	<p>environmental clearance and copies of clearance letter are available with the Maharashtra Pollution Control Board and may be seen at website at http://ec.maharashtra.gov.in</p>	
xxv.	<p>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 1st December of the each calendar year.</p>	<p>Complying with.</p>
xxvi.	<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>Copy of the same is displayed on industry web site.</p>
xxvii.	<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, SO₂, NO_x (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. Copy of the same is displayed on Industry web site.</p>

xxviii.	Six monthly monitoring reports should be Submitted to the Regional Office MoEF Bhopal with copy to this department and MPCB.	Being submitted
xxix.	A complete set of all the documents submitted to Department should be forwarded to the local authority and MPCB.	Complied
xxx.	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.	Noted.
xxxi.	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.	Agreed upon.
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.	Agreed.
xxxiii.	Validity of environment clearance: the environmental clearance accorded shall be valid for a period of 5 years to start of production operations.	Project activity is carried out within the stipulated time of environmental clearance.
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	Noted Proposal will be made in case of any change.

	conditions imposed and to incorporate additional environmental protection measures required if any.	
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.	During the manufacturing of MS billets. Any type of hazardous waste will not be generated from processes followed by the industry.
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 section 16 of the National Green Tribunal Act 2010	Noted
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.	We are agreed upon

Government of Maharashtra

SEAC-2014/CR 32 / TC-2
Environment department
Room No. 217, 2nd floor,
Mantralaya Annex,
Mumbai- 400 032.
Dated: 30th 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 79th 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 73rd 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 ² 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 th 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">Fresh water (CMD): 18 m³/day & Source - MIDCRecycled water (CMD):Average annual Rain water storage : 8977.5 m³ per annumRain water use (CMD): 30 m³/day				
	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">Process(CMD): m³/dayCooling water(CMD): 37m³/dayDM Water (CMD): m³/dayDust Suppression(CMD):Drinking (CMD): 3m³/dayGreen belt(CMD): 2m³/day treated water will be reusedFire service(CMD):Others (CMD): Scrubber : 6 m³/day				
	Storm water drainage <ul style="list-style-type: none">Natural water drainage pattern - Quantity of storm waterSize of SWD				
	Sewage generation and treatment <ul style="list-style-type: none">Amount of sewage generation (CMD) - 2 m³/dayProposed treatment for the sewage – The domestic wastewater is being treated in septic tank followed by soak pits and discharged through sewerage network of MIDC.Capacity of the STP (CMD) (If applicable) - NA				
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"> • What are the possibilities of recovery and recycling of wastes? • 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. • 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. 						
<p>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, SO₂, NO_x etc.) should be specified</p>	Plant Section & units	Stack No.	Height from ground level (m)	Internal Diameter (TOP) (m)	Emission Rate		Temp. of Exhaust Gases
					For SO ₂	For NO _x	
	Stack attached to Induction Furnace	1 st	30 m	1.6m	-	4.13	50 ⁰ C
Emission Standard	Pollutants (SPM,SO ₂ , etc)		Emission Standard Limit (mg/Nm ³)		Proposed Limit (mg/Nm ³)		MPCB Consent (mg/Nm ³)
	PM ₁₀ , PM _{2.5} , SO ₂ , NO _x , CO		PM ₁₀ – 60 - 100 µg/m ³ , PM _{2.5} – 40 - 60 µg/m ³ , SO ₂ - 40 - 80 µg/m ³ , NO _x – 50 - 80 µg/m ³ , CO – 2.0 – 4.0 mg/m ³				
Ambient Air Quality Data	Pollutant	Permissible Standard		Predicted Concentration (in µg/m ³)		Remarks	
	SPM	PM ₁₀ - 100 µg/m ³ , PM _{2.5} – 60 µg/m ³		PM ₁₀ - 25.4 to 58.4µg/m ³ PM _{2.5} - 9.4 to 30.1µg/m ³		All parameters will be within limits after commissioning of the plant.	
	SO ₂	80 µg/m ³		SO ₂ - 6.6 to 16.7µg/m ³			
	NO _x	80 µg/m ³		NO _x - 7.4 to 20.8µg/m ³ Project Site -			

			Predicted Conc. ($\mu\text{g}/\text{m}^3$) – 0.75, Resultant Conc. ($\mu\text{g}/\text{m}^3$) – 21.55	
	CO	4 mg/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 73rd 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 :

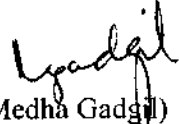
- (i) No additional land shall be used /acquired for any activity of the project without obtaining proper permission.

- (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 & SO₂ 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 conform 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 1st June & 1st 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, SO₂, NO_x (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, 1st 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 7/09/2014)



Maharashtra Pollution Control Board

महाराष्ट्र प्रदूषण नियंत्रण मंडळ

FORM V

Environmental Audit Report for the financial Year ending the 31st March 2020

Unique Application Number

MPCB-ENVIRONMENT_STATEMENT-0000027345

Submitted Date

24-09-2020

Company Information

Company Name

BHAGYALAXMI ROLLING MILL PVT LTD

Application UAN number

86530

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)

332

Scale

LARGE

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

Red

Industry Type

R53 Iron & Steel (involving processing from ore/ integrated steel plants) and or Sponge Iron units

Last Environmental statement submitted online

yes

Consent Number

BO/JD(APC)/UAN NO:
86350/R/CC-2005000597

Consent Issue Date

22/05/2020

Consent Valid Upto

31/12/2020

Product Information

Product Name

MS BILLETS

Consent Quantity

270000

Actual Quantity

189829.375

UOM

MT/A

By-product Information

By Product Name

NA

Consent Quantity

0

Actual Quantity

0

UOM

MT/A

1) Water Consumption in m3/day

Water Consumption for Process

Consent Quantity in m3/day

00.00

Actual Quantity in m3/day

00.00

Cooling

75

70

Domestic

10

08

All others

05

05

Total	90	83
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1) 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
NA	0.46	0.13	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
SCRAP	00	129042	MT/A
SPONGE IRON	00	66629.335	MT/A

4) Fuel Consumption

Fuel Name	Consent quantity	Actual Quantity	UOM
electricity	00	193143.725	Mwh

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	2.9	51.3	NA	150	NA
SO2	1.1	12.4	NA	150	NA

HAZARDOUS WASTES

1) From Process

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

2) From Pollution Control Facilities

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

SOLID WASTES

1) From Process

Non Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
SLAG	7560	7560	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

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
NA	00	MT/A	NA

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

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	green belt development	5.0

[B] Investment Proposed for next Year

Detail of measures for Environmental Protection	Environmental Protection Measures	Capital Investment (Lacks)
AIR POLLUTION CONTROL SYSTEM UPGRADATION	OPERATION AND MAINTENANCE	350

Any other particulars in respect of environmental protection and abatement of pollution.

Particulars

WE HAVE DEVELOPED GREEN BELT DENSE FOREST HAVING 3500 NOS TREE APPROX

Name & Designation

VV MULEY (MANAGER)

AMBIENT AIR QUALITY MONITORING REPORT

Client's Name & Address			Report No.	EEL/ABD/A-31/10/2020-21
M/s. Bhagyalaxmi Rolling Mills Pvt. Ltd Plot No. G-8, Additional MIDC Phase II, Jalna			Date	19/10/2020
			Date Of Sampling	14/10/2020
			Time Of Sampling	10:00 AM
			Sampling Duration	24 Hrs.
			Date of Analysis	16/10/2020
			Sample Collected By	EELRC
Sample volume	SO ₂ (Plastic bottle)	NO ₂ (Plastic bottle)	PM10 (Filter paper)	PM2.5 (Filter paper)
	30ml x1 No.	30ml x1 No.	1X1 No.	1X1 No.

RESULTS

Sr. No	Description	Unit	Main Gate	Furnace Shed	Rolling mill	NAAQ 2009 Standards
01	Ambient Temperature	°C	27	30	29	
02	Dry Bulb Temperature	°C	25	27	28	
03	Wet Bulb Temperature	°C	24	25	27	
04	Relative Humidity	%	76	74	79	
05	PM 10	µg/m ³	46.0	47.3	49.8	100
06	PM 2.5	µg/m ³	26.8	25.0	24.7	60
07	Sulphur Dioxide	µg/m ³	24.2	26.9	25.0	80
08	Oxides of Nitrogen	µg/m ³	25.4	23.0	26.5	80
09	Carbon Monoxide	mg/m ³	0.007	0.003	0.005	≤ 04
10	Lead	µg/m ³	<0.03	<0.03	<0.03	≤ 1.0
11	Ammonia	µg/m ³	<16.0	<16.0	<16.0	≤ 400
12	Benzene	µg/m ³	<0.02	<0.02	<0.02	≤ 05
13	Benzopyrene	ng/m ³	<0.002	<0.002	<0.002	≤ 01
14	Nickel	ng/m ³	<0.01	<0.01	<0.01	≤ 20
15	Arsenic	ng/m ³	<0.04	<0.04	<0.04	≤ 06
16	Ozone	µg/m ³	8.0	6.0	2.0	≤ 180

REMARKS/ OBSERVATIONS:

- All above results are within the limit National Ambient Air Quality Standards.
- BDL: Below Detection Limit.

ANALYZED BY-	AUTHORIZED SIGNATORY
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AN "ENVIRONMENTAL LABORATORY"

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D-52/18, MIDC Waluj, Aurangabad - 431 136.
Tel. 0240-6641879
07745069991
08668441453

MUMBAI OFFICE
Dhawalgiri Co-op, Hsg. Society, Building No.1, Flat No. B-3, Near Peace Park Hotel, Thana Naka, Panvel - 410 206
08652671991/08668441453

PUNE OFFICE
Gut No. 1252, Tuljai Nagar Behind Gharkul Building No. C-11, Spine Road Newale Wasti Chikhali Pune - 411062
09767838931/08668441453



Accreditation & Approvals

- ISO 9001: 2015
- EMS 14001 : 2015
- OHSAS 45001: 2018
- NABL & MOEF & CC approved laboratory By Govt. of India

Website : www.eelab.in / eelab@excellentenviro.com
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AMBIENT NOISE LEVEL MONITORING REPORT




Client's Name & Address	Report No.	EEL/ABD/N-32/10/2020-21
M/s. Bhagyalaxmi Rolling Mills Pvt. Ltd Plot No. G-8, Additional MIDC Phase II, Jalna	Date	19/10/2020
	Date Of Sampling	14/10/2020
	Sampling Duration	15 Min.

RESULTS

Sr. No.	LOCATION	UNIT	READINGS
1.	Main Gate	dB	68.1
2.	Entrance Furnace Shed	dB	72.2
3.	Green Belt area	dB	67.8

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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WORKZONE NOISE LEVEL MONITORING REPORT



Client's Name & Address	Report No.	EEL/ABD/N-33/10/2020-21
M/s. Bhagyalaxmi Rolling Mills Pvt. Ltd., Plot No. G-8, Additional MIDC Phase II, Jalna	Date	19/10/2020
	Date Of Sampling	14/10/2020
	Sampling Duration	15 Min.

RESULTS

Sr. No.	LOCATION	UNIT	READINGS
1.	Furnace Shed	dB	73.5
2.	Casting Area	dB	71.0
3.	Raw material handling unit	dB	68.9

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

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SOURCE EMISSION MONITORING REPORT

Client's Name & Address	Report No.	EEL/ABD/S-34/10/2020-21
M/s. Bhagyalaxmi Rolling Mills Pvt. Ltd Plot No. G-8, Additional MIDC Phase II, Jalna	Date	19/10/2020
	Date Of Sampling	14/10/2020
	Time Of Sampling	11:00 am
	Sampling Duration	30 Min
	Date of Analysis	16/10/2020
	Test Location	Furnace

RESULTS

Sr. No.	Description	Unit	Results	As per MPCB
01	Material of Stack		MS	
02	Stack Height from G.L.	Mtr.	30	
03	Type of Stack		Round	
04	Flue Gas Temperature	°C	73	
05	Differential Pressure	MmWG	3.41	
06	Velocity	M/s	6.5	
07	Dimensions of Stack	Mtr.	1.9	
08	Stack Area	M ²	1	
09	Gas Volume	Nm ³ /Hr	3225	
10	Particulate Matter	mg/Nm ³	77	150
11	SO ₂	Ppm	49	80
12	Nox	Ppm	37	80

REMARKS/ OBSERVATIONS:

All Above Results are within limits as per MPCB.

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WATER ANALYSIS COMPILE REPORT

Client's Name & Address	Report No.	EEL/ABD/WW-35/10/2020-21
M/s. Bhagyalaxmi Rolling Mills Pvt. Ltd Plot No. G-8, Additional MIDC Phase II, Jalna	Date	19/10/2020
	Date Of Sampling	14/10/2020
	Nature Of Sample	Liquid
	Sample Collected By	EELRC
	Date of Analysis	16/10/2020
	Volume of Sampling	2lit x 1 No. (Plastic Bag)

Sr. No.	Parameters	Surface Area	Ground Water	Standards (IS 10500:2012)	Units
1.	Colour	1.1	1.3		Hazen
2.	Temperature	24	26	-	°C
3.	Turbidity	0.88	1.60	1	NTU
4.	pH	7.2	8.1	6.5-8.5	---
5.	Conductivity	614.0	570.0	-	mS/cm
6.	TDS	312	327	500	mg/l
7.	Dissolved Oxygen	3.84	0.55	-	mg/l
8.	Total Hardness	169	102	200	mg/l
9.	Ca-Hardness	50	61		mg/l
10.	Calcium as Ca ²⁺	13	28	75	mg/l
11.	Magnesium as Mg ²⁺	20.0	13.0	30	mg/l
12.	Chlorides	80	73	250	mg/l
13.	Total Alkalinity	154	133	200	mg/l
14.	Phenolphthalein Alkalinity	Absent	Absent		mg/l
15.	Ammonical Nitrogen	Absent	Absent	-	mg/l
16.	Sulphate	54	28	200	mg/l
17.	Nitrites	1.9	3.5	-	mg/l
18.	Phosphate	0.15	0.70	-	mg/l
19.	Fluoride	0.24	0.13	1.0	mg/l
20.	Sodium	<0.1	<0.1	-	mg/l
21.	Potassium	Nil	Nil	-	mg/l
22.	COD	29	13	-	mg/l
23.	BOD	09	04	-	mg/l
24.	MPN	<2.0	<2.0	00	Org/dl
25.	F. coli.	Nil	Nil	Absent	Org/dl

Note: All the parameters are within permissible limit as per IS – 10500 Standards, BDL – Below Detection Limit.

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info@excellentenviro.com

SOIL ANALYSIS REPORT

Client's Name & Address M/s. Bhagyalaxmi Rolling Mills Pvt. Ltd Plot No. G-8, Additional MIDC Phase II, Jalna	Report No.	EEL/ABD/SO-36/10/2020-21
	Date	19/10/2020
	Date Of Sampling	14/10/2020
	Time Of Sampling	10:30 AM
	Date of Analysis	16/10/2020
	Sample volume	2kgx1no. Plastic Bag

RESULTS

Sr. No.	Description	Unit	Sultanpur Village	Hanga Village
01	pH	-	7.8	8.0
02	Conductivity	$\mu\text{S}/\text{cm}$	240	230
03	Calcium	%	6.0	7.1
04	Potassium	ppm	0.17	0.19
05	Soil type	As per test	00	00
06	Nickel	ppm	BDL	BDL
07	Phosphate	mg/kg	4.1	1.97
08	Magnesium	mg/kg	1.02	1.01
09	Moisture Content	%	22.5	18.9
10	Texture	---	Sandy	Sandy
10	Organic Carbon	%	0.80	0.97
11	Lead	ppm	BDL	BDL
12	Cadmium	ppm	BDL	BDL
13	Zinc	ppm	2.54	2.01
14	Av. Nitrogen	mg/l	495	305
15	Copper	ppm	0.53	0.42
16	SAR ratio	%	0.49	0.44
17	Bulk density	Gm/cc	1.05	1.06
18	Chromium	%	0.10	0.32

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AMBIENT AIR QUALITY MONITORING REPORT



Client's Name & Address		Report No.	EEL/ABD/A-37/11/2020-21
M/s. Bhagyalaxmi Rolling Mills Pvt. Ltd Plot No. G-8, Additional MIDC Phase II, Jalna		Date	16/11/2020
		Date Of Sampling	11/11/2020
		Time Of Sampling	10:00 AM
		Sampling Duration	24 Hrs.
		Date of Analysis	13/11/2020
		Sample Collected By	EELRC
Sample volume	SO ₂ (Plastic bottle)	NO ₂ (Plastic bottle)	PM10 (Filter paper)
	30ml x1 No.	30ml x1 No.	1X1 No.

RESULTS

Sr. No	Description	Unit	Main Gate	Furnace shed	Rolling Mill Shed	NAAQ 2009 Standards
01	Ambient Temperature	°C	26	29	23	
02	Dry Bulb Temperature	°C	23	27	21	
03	Wet Bulb Temperature	°C	21	25	20	
04	Relative Humidity	% RH	76	79	78	
05	PM 10	µg/m ³	41.0	42.4	32.0	100
06	PM 2.5	µg/m ³	13.0	11.3	14.7	60
07	Sulphur Dioxide	µg/m ³	19.8	21.0	13.9	80
08	Oxides of Nitrogen	µg/m ³	20.1	23.6	13.6	80
09	Carbon Monoxide	mg/m ³	0.07	0.09	0.01	≤ 02
10	Lead	µg/m ³	<0.06	<0.06	<0.06	≤ 1.0
11	Ammonia	µg/m ³	3.0	10.1	8.0	≤ 400
12	Benzene	µg/m ³	<0.06	<0.06	<0.06	≤ 05
13	Benzopyrene	ng/m ³	BDL	BDL	BDL	≤ 01
14	Nickel	ng/m ³	BDL	BDL	BDL	≤ 20
15	Arsenic	ng/m ³	BDL	BDL	BDL	≤ 06
16	Ozone	µg/m ³	BDL	BDL	BDL	≤ 180

REMARKS/ OBSERVATIONS:

- All above results are within the limit National Ambient Air Quality Standards.
- BDL: Below Detection Limit.

 ANALYZED BY-	 AUTHORIZED SIGNATORY -
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AMBIENT NOISE LEVEL MONITORING REPORT

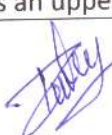

Client's Name & Address	Report No.	EEL/ABD/N-38/11/2020-21
M/s. Bhagyalaxmi Rolling Mills Pvt. Ltd Plot No. G-8, Additional MIDC Phase II, Jalna	Date	16/11/2020
	Date Of Sampling	11/11/2020
	Sampling Duration	15 Min.

RESULTS

Sr. No.	LOCATION	UNIT	READINGS
1.	Main Gate	dB	71.1
2.	Entrance Furnace Shed	dB	73.8
3.	Green Belt area	dB	63.0

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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WORKZONE NOISE LEVEL MONITORING REPORT



Client's Name & Address	Report No.	EEL/ABD/N-39/11/2020-21
M/s. Bhagyalaxmi Rolling Mills Pvt. Ltd., Plot No. G-8, Additional MIDC Phase II, Jalna	Date	16/11/2020
	Date Of Sampling	11/11/2020
	Sampling Duration	15 Min.

RESULTS

Sr. No.	LOCATION	UNIT	READINGS
1.	Furnace Shed	dB	72.0
2.	Casting Area	dB	70.0
3.	Raw material handling	dB	66.0

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

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Tel. 0240-6641879

07745069991

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MUMBAI OFFICE

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Building No.1, Flat No. B-3,
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Thana Naka, Panvel - 410 206

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PUNE OFFICE

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

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Accreditation & Approvals

- ❖ ISO 9001: 2015
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SOURCE EMISSION MONITORING REPORT



Client's Name & Address	Report No.	EEL/ABD/S-40/11/2020-21
M/s. Bhagyalaxmi Rolling Mills Pvt. Ltd Plot No. G-8, Additional MIDC Phase II, Jalna	Date	16/11/2020
	Date Of Sampling	11/11/2020
	Time Of Sampling	11:00 am
	Sampling Duration	30 Min
	Date of Analysis	13/11/2020
	Test Location	Furnace

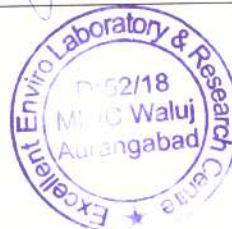
RESULTS

Sr. No.	Description	Unit	Results	As per MPCB
01	Material of Stack		MS	
02	Stack Height from G.L.	Mtr.	30	
03	Type of Stack		Round	
04	Flue Gas Temperature	°C	71	
05	Differential Pressure	MmWG	1.40	
06	Velocity	M/s	6.23	
07	Dimensions of Stack	Mtr.	0.8	
08	Stack Area	M ²	1	
09	Gas Volume	Nm ³ /Hr	3225	
10	Particulate Matter	mg/Nm ³	72	150
11	SO ₂	Ppm	42	80
12	NOx	Ppm	47	80

REMARKS/ OBSERVATIONS:

All Above Results are within limits as per MPCB.

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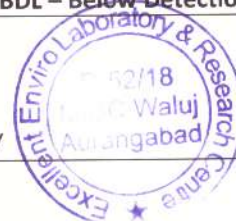
WATER ANALYSIS COMPILE REPORT

Client's Name & Address	Report No.	EEL/ABD/WW-41/11/2020-21
M/s. Bhagyalaxmi Rolling Mills Pvt. Ltd Plot No. G-8, Additional MIDC Phase II, Jalna	Date	16/11/2020
	Date Of Sampling	11/11/2020
	Nature Of Sample	Liquid
	Sample Collected By	EELRC
	Date of Analysis	13/11/2020
	Volume of Sample	2lit x 1 No. (Plastic Bag)

Sr. No.	Parameters	Surface Area	Ground Water	Standards (IS 10500:2012)	Units
1.	Colour	0.8	1.3		Hazen
2.	Temperature	23	26	-	°C
3.	Turbidity	14.9	16.7	1	NTU
4.	pH	7.4	7.9	6.5-8.5	---
5.	Conductivity	1363.0	1772.0	-	mS/cm
6.	TDS	348	300	500	mg/l
7.	Dissolved Oxygen	3.84	1.58	-	mg/l
8.	Total Hardness	196	160	200	mg/l
9.	Ca-Hardness	153	268		mg/l
10.	Calcium as Ca ²⁺	22	39	75	mg/l
11.	Magnesium as Mg ²⁺	0.049	0.095	30	mg/l
12.	Chlorides	211	156	250	mg/l
13.	Total Alkalinity	194	172	200	mg/l
14.	Phenolphthalein Alkalinity	Absent	Absent		mg/l
15.	Ammonical Nitrogen	Absent	Absent	-	mg/l
16.	Sulphate	74	97	200	mg/l
17.	Nitrites	1.8	3.1	-	mg/l
18.	Phosphate	0.32	1.70	-	mg/l
19.	Fluoride	0.46	0.39	1.0	mg/l
20.	Sodium	<0.01	<0.01	-	mg/l
21.	Potassium	Nil	Nil	-	mg/l
22.	COD	10	34	-	mg/l
23.	BOD	03	11	-	mg/l
24.	MPN	Nil	Nil	00	Org/dl
25.	F. coli.		-	Absent	Org/dl

Note: All the parameters are within permissible limit as per IS – 10500 Standards, BDL – Below Detection Limit.

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SOIL ANALYSIS REPORT

Client's Name & Address M/s. Bhagyalaxmi Rolling Mills Pvt. Ltd Plot No. G-8, Additional MIDC Phase II, Jalna	Report No.	EEL/ABD/SO-42/11/2020-21
	Date	16/11/2020
	Date Of Sampling	11/11/2020
	Time Of Sampling	10:30 AM
	Date of Analysis	13/11/2020
	Volume of Sample	2kgx1no. Plastic Bag

RESULTS

Sr. No.	Description	Unit	Daregaon Village	Jawasgaon Village
01	pH	-	7.0	7.7
02	Conductivity	μS/cm	200	240
03	Calcium	%	4.0	2.6
04	Potassium	Ppm	0.19	0.15
05	Soil type	As per test	--	--
06	Nickel	Ppm	BDL	BDL
07	Phosphate	mg/kg	3.8	2.9
08	Magnesium	mg/kg	1.06	1.09
09	Moisture Content	%	22.5	24.3
10	Texture	---	Sandy	Sandy
10	Organic Carbon	%	0.89	0.93
11	Lead	Ppm	BDL	BDL
12	Cadmium	Ppm	BDL	BDL
13	Zinc	Ppm	1.54	2.01
14	Av. Nitrogen	mg/l	376	225
15	Copper	Ppm	0.88	0.97
16	SAR ratio	%	1.99	2.90
17	Bulk density	Gm/cc	1.97	1.09
18	Chromium	%	0.17	0.23

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AMBIENT AIR QUALITY MONITORING REPORT

Client's Name & Address			Report No.	EEL/ABD/A-43/12/2020-21
M/s. Bhagyalaxmi Rolling Mills Pvt. Ltd Plot No. G-8, Additional MIDC Phase II, Jalna			Date	15/12/2020
			Date Of Sampling	10/12/2020
			Time Of Sampling	10:00 AM
			Sampling Duration	24 Hrs.
			Date of Analysis	12/12/2020
			Sample Collected By	EELRC
Sample volume	SO ₂ (Plastic bottle)	NO ₂ (Plastic bottle)	PM10 (Filter paper)	PM2.5 (Filter paper)
	30ml x1 No.	30ml x1 No.	1X1 No.	1X1 No.

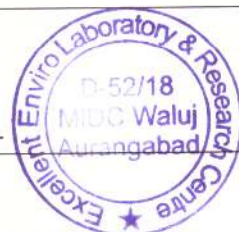
RESULTS

Sr. No	Description	Unit	Main Gate	Furnace shed	Rolling Mill Shed	NAAQ 2009 Standards
01	Ambient Temperature	°C	21	24	23	
02	Dry Bulb Temperature	°C	20	22	20	
03	Wet Bulb Temperature	°C	18	17	19	
04	Relative Humidity	% RH	67	69	65	
05	PM 10	µg/m ³	34.5	29.8	30.5	100
06	PM 2.5	µg/m ³	21.7	22.5	26.0	60
07	Sulphur Dioxide	µg/m ³	23.3	28.1	13.6	80
08	Oxides of Nitrogen	µg/m ³	20.2	21.2	14.6	80
09	Carbon Monoxide	mg/m ³	0.03	0.02	0.01	≤ 02
10	Lead	µg/m ³	<0.02	<0.01	<0.03	≤ 1.0
11	Ammonia	µg/m ³	14.6	11.5	16.3	≤ 400
12	Benzene	µg/m ³	<0.01	<0.01	<0.01	≤ 05
13	Benzopyrene	µg/m ³	<0.002	<0.002	<0.002	≤ 01
14	Nickel	ng/m ³	<0.001	<0.001	<0.01	≤ 20
15	Arsenic	ng/m ³	<0.004	<0.004	<0.004	≤ 06
16	Ozone	ng/m ³	6.0	2.0	5.0	≤ 180

REMARKS/ OBSERVATIONS:

- All above results are within the limit National Ambient Air Quality Standards.
- BDL: Below Detection Limit.

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PUNE OFFICE

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Newale Wasti Chikhali
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AMBIENT NOISE LEVEL MONITORING REPORT

Client's Name & Address	Report No.	EEL/ABD/N-44/12/2020-21
M/s. Bhagyalaxmi Rolling Mills Pvt. Ltd., Plot No. G-8, Additional MIDC Phase II, Jalna	Date	15/12/2020
	Date Of Sampling	10/12/2020
	Sampling Duration	15 Min.

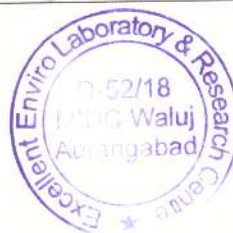
RESULTS

Sr. No.	LOCATION	UNIT	READINGS
1.	Main Gate	dB	73.3
2.	Entrance of Furnace Shed	dB	69.8
3.	Green Belt Area	dB	65.8

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

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WORKZONE NOISE LEVEL MONITORING REPORT



Client's Name & Address	Report No.	EEL/ABD/N-45/12/2020-21
M/s. Bhagyalaxmi Rolling Mills Pvt. Ltd., Plot No. G-8, Additional MIDC Phase II, Jalna	Date	15/12/2020
	Date Of Sampling	10/12/2020
	Sampling Duration	15 Min.

RESULTS

Sr. No.	LOCATION	UNIT	READINGS
1.	Furnace Shed	dB	64.3
2.	Casting Area	dB	53.0
3.	Raw material handling unit	dB	65.3

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

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SOURCE EMISSION MONITORING REPORT



Client's Name & Address	Report No.	EEL/ABD/S-46/12/2020-21
M/s. Bhagyalaxmi Rolling Mills Pvt. Ltd Plot No. G-8, Additional MIDC Phase II, Jalna	Date	15/12/2020
	Date Of Sampling	10/12/2020
	Time Of Sampling	11:00 am
	Sampling Duration	30 Min
	Date of Analysis	12/12/2020
	Test Location	Furnace

RESULTS

Sr. No.	Description	Unit	Results	As per MPCB
01	Material of Stack		MS	
02	Stack Height from G.L.	Mtr.	30	
03	Type of Stack		Round	
04	Flue Gas Temperature	°C	70	
05	Differential Pressure	MmWG	1.40	
06	Velocity	M/s	6.23	
07	Dimensions of Stack	Mtr.	0.8	
08	Stack Area	M ²	1	
09	Gas Volume	Nm ³ /Hr	3225	
10	Particulate Matter	mg/Nm ³	68.4	150
11	SO ₂	Ppm	48	80
12	NO _x	Ppm	65	80

REMARKS/ OBSERVATIONS:

All Above Results are within limits as per MPCB.

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WATER ANALYSIS COMPILE REPORT

Client's Name & Address	Report No.	EEL/ABD/WW-47/12/2020-21
M/s. Bhagyalaxmi Rolling Mills Pvt. Ltd Plot No. G-8, Additional MIDC Phase II, Jalna	Date	15/12/2020
	Date Of Sampling	10/12/2020
	Volume of sample	2ltr x 1 No. (Plastic can)
	Nature Of Sample	Liquid
	Sample Collected By	EELRC
	Date of Analysis	12/12/2020

SR NO	Parameters	Surface Area	Ground Water	Standards (IS 10500:2012)	Units
1.	Colour	Colorless	Colorless		
2.	Temperature	23	21	-	°C
3.	Turbidity	1.80	3.06	1	NTU
4.	pH	6.8	7.3	6.5-8.5	---
5.	Conductivity	1690	1750	-	mS/cm
6.	TDS	443	324	500	mg/l
7.	Dissolved Oxygen	2.10	1.00	-	mg/l
8.	Total Hardness	97	140	200	mg/l
9.	Ca-Hardness	51	44		mg/l
10.	Calcium as Ca ²⁺	55	40	75	mg/l
11.	Magnesium as Mg ²⁺	0.098	0.016	30	mg/l
12.	Chlorides	135	131	250	mg/l
13.	Total Alkalinity	192	160	200	mg/l
14.	Phenolphthalein Alkalinity	Absent	Absent		mg/l
15.	Ammonical Nitrogen	Absent	Absent	-	mg/l
16.	Sulphate	64.0	39.0	200	mg/l
17.	Nitrites	0.4	2.8	-	mg/l
18.	Phosphate	0.39	1.76	-	mg/l
19.	Fluoride	0.31	0.09	1.0	mg/l
20.	Sodium	0.01	0.01	-	mg/l
21.	Potassium	NIL	NIL	-	mg/l
22.	COD	13	16	-	mg/l
23.	BOD	03	05	-	mg/l
24.	MPN	Nil	Nil	00	Org/dl
25.	F. coli.		-	Absent	Org/dl

Note: All the parameters are within permissible limit as per IS – 10500 Standards, BDL – Below Detection Limit.

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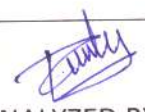

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SOIL ANALYSIS REPORT

Client's Name & Address	Report No.	EEL/ABD/SO-48/12/2020-21
M/s. Bhagyalaxmi Rolling Mills Pvt. Ltd Plot No. G-8, Additional MIDC Phase II, Jalna	Date	15/12/2020
	Volume of sample	2kg x 1 No. (Plastic bag)
	Date Of Sampling	10/12/2020
	Time Of Sampling	10:30 AM
	Date of Analysis	12/12/2020

Sr. No.	Description	Unit	Daregaon Village	Jawasgaon Village
01	pH	-	7.1	7.3
02	Conductivity	μS/cm	210	250
03	Calcium	%	7.0	7.6
04	Potassium	Ppm	0.10	0.17
05	Soil type	As per test	--	--
06	Nickel	Ppm	BDL	BDL
07	Phosphate	mg/kg	3.2	2.90
08	Magnesium	mg/kg	1.06	1.09
09	Moisture Content	%	20.5	22.3
10	Texture	---	Sandy	Sandy
10	Organic Carbon	%	0.84	0.90
11	Lead	Ppm	BDL	BDL
12	Cadmium	Ppm	BDL	BDL
13	Zinc	Ppm	1.54	3.01
14	Av. Nitrogen	mg/l	475	205
15	Copper	Ppm	0.83	0.89
16	SAR ratio	%	0.99	0.46
17	Bulk density	Gm/cc	1.05	1.06
18	Chromium	%	0.11	0.27

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08652671991/08668441453

PUNE OFFICE

Gut No. 1252, Tuljai Nagar
Behind Gharkul Building
No. C-11, Spine Road
Newale Wasti Chikhali
Pune - 411062
09767838931/08668441453



Accreditation & Approvals

- ❖ ISO 9001: 2015
- ❖ EMS 14001 : 2015
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- ❖ NABL & MOEF & CC approved laboratory By Govt. of India

Website : www.eelab.in/eelab@excellentenviro.com
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AMBIENT AIR QUALITY MONITORING REPORT

Client's Name & Address			Report No.	EEL/ABD/A-49/01/2020-21
M/s. Bhagyalaxmi Rolling Mills Pvt. Ltd Plot No. G-8, Additional MIDC Phase II, Jalna			Date	12/01/2021
			Date Of Sampling	07/01/2021
			Time Of Sampling	10:00 AM
			Sampling Duration	24 Hrs.
			Date of Analysis	09/01/2021
			Sample Collected By	EELRC
Sample volume	SO ₂ (Plastic bottle)	NO ₂ (Plastic bottle)	PM10 (Filter paper)	PM2.5 (Filter paper)
	30ml x1 No.	30ml x1 No.	1X1 No.	1X1 No.

RESULTS

Sr. No	Description	Unit	Main Gate Area)	Furnace area	Rolling Mill Shed	NAAQ 2009 Standards
01	Ambient Temperature	°C	23	27	29	
02	Dry Bulb Temperature	°C	21	25	26	
03	Wet Bulb Temperature	°C	20	23	23	
04	Relative Humidity	% RH	64	60	67	
05	PM 10	µg/m ³	30.0	24.0	34.5	100
06	PM 2.5	µg/m ³	14.8	32.8	26.0	60
07	Sulphur Dioxide	µg/m ³	21.7	29.8	17.9	80
08	Oxides of Nitrogen	µg/m ³	28.6	23.0	36.8	80
09	Carbon Monoxide	mg/m ³	<0.03	<0.03	<0.03	≤ 04
10	Lead	µg/m ³	0.04	0.02	0.04	≤1.0
11	Ammonia	µg/m ³	<14.0	<11.2	<10.4	≤400
12	Benzene (C ₆ H ₆)	µg/m ³	<0.02	<0.02	<0.02	≤05
13	Benzopyrene	ng/m ³	<0.002	<0.002	<0.002	≤01
14	Nickel	ng/m ³	<0.01	<0.01	<0.01	≤20
15	Arsenic	ng/m ³	<0.04	<0.04	<0.04	≤ 06
16	Ozone	µg/m ³	8.0	5.1	7.5	≤ 180

REMARKS/ OBSERVATIONS:

- All above results are within the limit National Ambient Air Quality Standards.
- BDL: Below Detection Limit.

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)

REGISTERED OFFICE : **MUMBAI OFFICE**
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ABIENT NOISE LEVEL MONITORING REPORT



Client's Name & Address	Report No.	EEL/ABD/N-50/01/2020-21
M/s. Bhagyalaxmi Rolling Mills Pvt. Ltd Plot No. G-8, Additional MIDC Phase II, Jalna	Date	12/01/2021
	Date Of Sampling	07/01/2021
	Sampling Duration	15 Min.

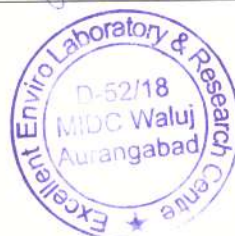
RESULTS

Sr. No.	LOCATION	UNIT	READINGS
1.	Main Gate	dB	73.6
2.	Entrance Furnace Shed	dB	74.7
3.	Green Belt Area	dB	68.8

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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WORKZONE NOISE LEVEL MONITORING REPORT



Client's Name & Address	Report No.	EEL/ABD/N-51/01/2020-21
M/s. Bhagyalaxmi Rolling Mills Pvt. Ltd., Plot No. G-8, Additional MIDC Phase II, Jalna.	Date	12/01/2021
	Date Of Sampling	07/01/2021
	Sampling Duration	15 Min.

RESULTS

Sr. No.	LOCATION	UNIT	READINGS
1.	Furnace Shed	dB	71.9
2.	Casting Area	dB	70.1
3.	Raw material handling unit	dB	61.5

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

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SOURCE EMISSION MONITORING REPORT



Client's Name & Address	Report No.	EEL/ABD/S-52/01/2020-21
M/s. Bhagyalaxmi Rolling Mills Pvt. Ltd Plot No. G-8, Additional MIDC Phase II, Jalna	Date	12/01/2021
	Date Of Sampling	07/01/2021
	Time Of Sampling	11:00 am
	Sampling Duration	30 Min
	Date of Analysis	09/01/2021
	Test Location	Furnace

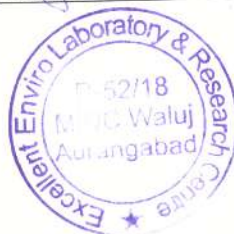
RESULTS

Sr. No.	Description	Unit	Results	As per MPCB
01	Material of Stack		MS	
02	Stack Height from G.L.	Mtr.	30	
03	Type of Stack		Round	
04	Flue Gas Temperature	°C	71	
05	Differential Pressure	MmWG	1.40	
06	Velocity	M/s	6.23	
07	Dimensions of Stack	Mtr.	0.8	
08	Stack Area	M ²	1	
09	Gas Volume	Nm ³ /Hr	3225	
10	Particulate Matter	mg/Nm ³	70	150
11	SO ₂	Ppm	47	80
12	NOx	Ppm	24	80

REMARKS/ OBSERVATIONS:

All Above Results are within limits as per MPCB.

ANALYZED BY- 	AUTHORIZED SIGNATORY 
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PUNE OFFICE
Gut No. 1252, Tuljai Nagar Behind Gharkul Building No. C-11, Spine Road Newale Wasti Chikhali Pune - 411062
09767838931/08668441453



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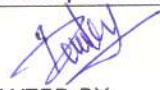

Website : www.eelab.in/eelab@excellentenviro.com
info@excellentenviro.com

WATER ANALYSIS COMPILE REPORT

Client's Name & Address	Report No.	EEL/ABD/WW-53/01/2020-21
M/s. Bhagyalaxmi Rolling Mills Pvt. Ltd Plot No. G-8, Additional MIDC Phase II, Jalna	Date	12/01/2021
	Date Of Sampling	07/01/2021
	Nature Of Sample	Liquid
	Sample Collected By	EELRC
	Date of Analysis	09/01/2021
	Volume of Sampling	2lit x 1 No. (Plastic Bag)

Sr. No.	Parameters	Surface Area	Ground Water	Standards (IS 10500:2012)	Units
1.	Colour	2.8	5.3		Hazen
2.	Temperature	24	22	-	°C
3.	Turbidity	0.27	0.78	1	NTU
4.	pH	6.8	8.4	6.5-8.5	---
5.	Conductivity	274.0	480.0	-	mS/cm
6.	TDS	240	220	500	mg/l
7.	Dissolved Oxygen	1.50	1.56	-	mg/l
8.	Total Hardness	130	176	200	mg/l
9.	Ca-Hardness	35	43		mg/l
10.	Calcium as Ca ²⁺	28	32	75	mg/l
11.	Magnesium as Mg ²⁺	31.3	14.3	30	mg/l
12.	Chlorides	168	193	250	mg/l
13.	Total Alkalinity	163	175	200	mg/l
14.	Phenolphthalein Alkalinity	Absent	Absent		mg/l
15.	Ammonical Nitrogen	Absent	Absent	-	mg/l
16.	Sulphate	40.8	45	200	mg/l
17.	Nitrites	3.9	4.2	-	mg/l
18.	Phosphate	0.80	0.85	-	mg/l
19.	Fluoride	0.05	0.09	1.0	mg/l
20.	Sodium	<0.1	<0.1	-	mg/l
21.	Potassium	Nil	Nil	-	mg/l
22.	COD	56	42	-	mg/l
23.	BOD	14	09	-	mg/l
24.	MPN	<2.0	Nil	00	Org/dl
25.	F. coli.		-	Absent	Org/dl

Note: All the parameters are within permissible limit as per IS – 10500 Standards, BDL – Below Detection Limit.

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PUNE OFFICE

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Pune - 411062
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Website : www.eelab.in/eelab@excellentenviro.com
info@excellentenviro.com

SOIL ANALYSIS REPORT

Client's Name & Address	Report No.	EEL/ABD/SO-54/01/2020-21
M/s. Bhagyalaxmi Rolling Mills Pvt. Ltd Plot No. G-8, Additional MIDC Phase II, Jalna	Date	12/01/2021
	Date Of Sampling	07/01/2021
	Time Of Sampling	10:30 AM
	Date of Analysis	09/01/2021
	Volume of Sampling	2kgx1no. Plastic Bag

RESULTS

Sr. No.	Description	Unit	Daregaon Village	Jawasgaon Village
01	pH	-	6.8	6.9
02	Conductivity	μS/cm	210	250
03	Calcium	%	7.0	7.6
04	Potassium	Ppm	0.10	0.17
05	Soil type	As per test	--	--
06	Nickel	Ppm	BDL	BDL
07	Phosphate	mg/kg	3.2	2.90
08	Magnesium	mg/kg	1.06	1.09
09	Moisture Content	%	20.5	22.3
10	Texture	---	Sandy	Sandy
10	Organic Carbon	%	0.84	0.90
11	Lead	Ppm	BDL	BDL
12	Cadmium	Ppm	BDL	BDL
13	Zinc	Ppm	1.54	3.01
14	Av. Nitrogen	mg/l	475	205
15	Copper	Ppm	0.83	0.89
16	SAR ratio	%	0.99	0.46
17	Bulk density	Gm/cc	1.05	1.06
18	Chromium	%	0.11	0.27

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AMBIENT AIR QUALITY MONITORING REPORT



Client's Name & Address		Report No.	EEL/ABD/A-55/02/2020-21
M/s. Bhagyalaxmi Rolling Mills Pvt. Ltd Plot No. G-8, Additional MIDC Phase II, Jalna		Date	10/02/2021
		Date Of Sampling	06/02/2021
		Time Of Sampling	10:00 AM
		Sampling Duration	24 Hrs.
		Date of Analysis	08/02/2021
		Sample Collected By	EELRC
Sample volume	SO ₂ (Plastic bottle)	NO ₂ (Plastic bottle)	PM10 (Filter paper)
	30ml x1 No.	30ml x1 No.	1X1 No.

RESULTS

Sr. No	Description	Unit	Main Gate	Furnace shed	Rolling Mill Shed	NAAQ 2009 Standards
01	Ambient Temperature	°C	25	27	24	
02	Dry Bulb Temperature	°C	22	24	20	
03	Wet Bulb Temperature	°C	20	19	18	
04	Relative Humidity	% RH	63	69	58	
05	PM 10	µg/m ³	52.0	64.7	64.9	100
06	PM 2.5	µg/m ³	26.0	42.3	34.5	60
07	Sulphur Dioxide	µg/m ³	29.0	11.6	19.2	80
08	Oxides of Nitrogen	µg/m ³	18.8	13.4	10.2	80
09	Carbon Monoxide	mg/m ³	0.03	0.04	0.02	≤ 02
10	Lead	µg/m ³	<0.02	<0.02	<0.02	≤ 1.0
11	Ammonia	µg/m ³	14.0	17.8	19.4	≤ 400
12	Benzene	µg/m ³	<0.01	<0.01	<0.01	≤ 05
13	Benzopyrene	ng/m ³	<0.002	<0.002	<0.002	≤ 01
14	Nickel	ng/m ³	<0.01	<0.01	<0.01	≤ 20
15	Arsenic	ng/m ³	<0.03	<0.03	<0.01	≤ 06
16	Ozone	µg/m ³	3.0	2.0	10.0	≤ 180

REMARKS/ OBSERVATIONS:

- All above results are within the limit National Ambient Air Quality Standards.
- BDL: Below Detection Limit.

ANALYZED BY- 	AUTHORIZED SIGNATORY - 
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AMBIENT NOISE LEVEL MONITORING REPORT

Client's Name & Address	Report No.	EEL/ABD/N-56/02/2020-21
M/s. Bhagyalaxmi Rolling Mills Pvt. Ltd Plot No. G-8, Additional MIDC Phase II, Jalna	Date	10/02/2021
	Date Of Sampling	06/02/2021
	Sampling Duration	15 Min.

RESULTS

Sr. No.	LOCATION	UNIT	READINGS
1.	Main Gate	dB	65.0
2.	Entrance Furnace Shed	dB	63.0
3.	Green Belt area	Db	60.0

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

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WORKZONE NOISE LEVEL MONITORING REPORT

Client's Name & Address	Report No.	EEL/ABD/N-57/02/2020-21
M/s. Bhagyalaxmi Rolling Mills Pvt. Ltd., Plot No. G-8, Additional MIDC Phase II, Jalna	Date	10/02/2021
	Date Of Sampling	06/02/2021
	Sampling Duration	15 Min.

RESULTS

Sr. No.	LOCATION	UNIT	READINGS
1.	Furnace Shed	dB	72.0
2.	Casting Area	dB	70.0
3.	Raw material handling	dB	66.0

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

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SOURCE EMISSION MONITORING REPORT

Client's Name & Address	Report No.	EEL/ABD/S-58/02/2020-21
M/s. Bhagyalaxmi Rolling Mills Pvt. Ltd Plot No. G-8, Additional MIDC Phase II, Jalna	Date	10/02/2021
	Date Of Sampling	06/02/2021
	Time Of Sampling	11:00 am
	Sampling Duration	30 Min
	Date of Analysis	08/02/2021
Test Location	Furnace	

RESULTS

Sr. No.	Description	Unit	Results	As per MPCB
01	Material of Stack		MS	
02	Stack Height from G.L.	Mtr.	30	
03	Type of Stack		Round	
04	Flue Gas Temperature	°C	71	
05	Differential Pressure	MmWG	1.40	
06	Velocity	M/s	6.23	
07	Dimensions of Stack	Mtr.	0.8	
08	Stack Area	M ²	1	
09	Gas Volume	Nm ³ /Hr	3225	
10	Particulate Matter	mg/Nm ³	69	150
11	SO ₂	Ppm	52	80
12	NO _x	Ppm	48	80

REMARKS/ OBSERVATIONS:

All Above Results are within limits as per MPCB.

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WATER ANALYSIS COMPILE REPORT

Client's Name & Address	Report No.	EEL/ABD/WW-59/02/2020-21
M/s. Bhagyalaxmi Rolling Mills Pvt. Ltd Plot No. G-8, Additional MIDC Phase II, Jalna	Date	10/02/2021
	Date Of Sampling	06/02/2021
	Nature Of Sample	Liquid
	Sample Collected By	EELRC
	Date of Analysis	08/02/2021
	Volume of Sample	2lit x 1 No. (Plastic Bag)

Sr. No.	Parameters	Surface Area	Ground Water	Standards (IS 10500:2012)	Units
1.	Colour	0.3	1.0		Hazen
2.	Temperature	26	29	-	°C
3.	Turbidity	29	37	1	NTU
4.	pH	7.7	8.3	6.5-8.5	---
5.	Conductivity	966.0	507.0	-	mS/cm
6.	TDS	245	290	500	mg/l
7.	Dissolved Oxygen	2.75	3.57	-	mg/l
8.	Total Hardness	200	196	200	mg/l
9.	Ca-Hardness	258	189		mg/l
10.	Calcium as Ca ²⁺	32	59	75	mg/l
11.	Magnesium as Mg ²⁺	4.9	9.5	30	mg/l
12.	Chlorides	131	246	250	mg/l
13.	Total Alkalinity	94	72	200	mg/l
14.	Phenolphthalein Alkalinity	Absent	Absent		mg/l
15.	Ammonical Nitrogen	Absent	Absent	-	mg/l
16.	Sulphate	34	67	200	mg/l
17.	Nitrites	1.0	2.1	-	mg/l
18.	Phosphate	2.30	2.78	-	mg/l
19.	Fluoride	0.04	0.09	1.0	mg/l
20.	Sodium	<0.01	<0.01	-	mg/l
21.	Potassium	Nil	Nil	-	mg/l
22.	COD	18	24	-	mg/l
23.	BOD	5.0	8.0	-	mg/l
24.	MPN	Nil	Nil	00	Org/dl
25.	F. coli.		-	Absent	Org/dl

Note: All the parameters are within permissible limit as per IS – 10500 Standards, BDL – Below Detection Limit.

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)

REGISTERED OFFICE :

D-52/18, MIDC Waluj,
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MUMBAI OFFICE

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Accreditation & Approvals

- ❖ ISO 9001: 2015
- ❖ EMS 14001 : 2015
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SOIL ANALYSIS REPORT

Client's Name & Address	Report No.	EEL/ABD/SO-60/02/2020-21
M/s. Bhagyalaxmi Rolling Mills Pvt. Ltd Plot No. G-8, Additional MIDC Phase II, Jalna	Date	10/02/2021
	Date Of Sampling	06/02/2021
	Time Of Sampling	10:30 AM
	Date of Analysis	08/02/2021
	Volume of Sample	2kgx1no. Plastic Bag

RESULTS

Sr. No.	Description	Unit	Daregaon Village	Jawasgaon Village
01	pH	-	6.7	8.3
02	Conductivity	μS/cm	550	750
03	Calcium	%	7.0	7.6
04	Potassium	ppm	0.10	0.17
05	Soil type	As per test	--	--
06	Nickel	ppm	BDL	BDL
07	Phosphate	mg/kg	2.2	2.10
08	Magnesium	mg/kg	1.06	1.04
09	Moisture Content	%	16.5	17.3
10	Texture	---	Sandy	Sandy
10	Organic Carbon	%	0.88	0.94
11	Lead	ppm	BDL	BDL
12	Cadmium	ppm	BDL	BDL
13	Zinc	ppm	1.52	1.01
14	Av. Nitrogen	mg/l	375	205
15	Copper	ppm	0.38	0.91
16	SAR ratio	%	0.39	0.56
17	Bulk density	Gm/cc	1.57	1.36
18	Chromium	%	0.16	0.28

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