

Danish Envis <danish1017@gmail.com>

SUBMISSION OF SIX MONTHLY POST ENVIRONMENTAL CLEARANCE COMPLIANCE FOR OCT TO MARCH 2023. M/S: METAROLLS ISPAT PVT LTD, GUT NO: 48, ADJACENT TO MIDC PHASE - II, DAREGAON, JALNA

Ramnarayan Bhakkad <rabhakkad@metarolls.com>
To: eccompliance-mh@gov.in, psec.env@maharashtra.gov.in
Cc: srojalna@mpcb.gov.in

Fri, May 19, 2023 at 3:35 PM

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 October to March 2023. M/s. Metarolls Ispat Pvt. Ltd. Gut No.48, Adjacent to MIDC PHASE-II, Daregaon, Jalna.

Ref. No.: Your issued EC: SEAC 2011/CR- 683/TC2 Dated: 30th Sep 2014

Period of EC Compliance: October to March 2023

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. Metarolls Ispat Pvt. Ltd. Gut No.48, Adjacent to MIDC PHASE-II, Daregaon, Jalna. We have received Environmental Clearance from SEIAA, Govt. of Maharashtra, MoEF & CC, New Delhi vide ref. no.: SEAC 2011/CR- 683/TC2 Dated: 30th Sep 2014. We are submitting the EC Compliance for the period of October to March 2023 for your reference & further needful record.

Request you to kindly acknowledge the same.

Submitted for your kind perusal.

Yours Faithfully,

For M/s. Metarolls Ispat Pvt. Ltd.

Enclosure: EC Compliance with its Annexure

Copy to:

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

SIX MONTHLY POST EC COMPLIANCE REPORT FOR JUNE - 2023 OF METAROLL ISPAT PVT LTD - JALNA.pdf



Date: 29/04/2023

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

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Request you to kindly acknowledge the same.

Submitted for your kind perusal.

Yours Faithfully,

For M/s. Metarolls Ispat Pvt. Ltd

Mr. Ramnarayan Bhakkad

Enclosure: EC Compliance with its Annexure

Copy to:

1. The Sub Regional Officer, MPCB, Jalna.

2. SEIAA, Mumbai, Maharashtra.

Metarolls Ispat Private Limited

[CIN No.: U27101MH2002PTC135427] Registered Office & Manufacturing Unit

Gut no. 48 Adjacent to M.I.D.C. Phase 2, Daregaon, Jalna-431 213 (MH) INDIA, € +91 91122 20033, 77750 57057

E-mail: info@metarolls.com, enquiry@threadedrebars.com, Web-site: www.metarolls.com, www.threadedrebars.com



Government of Maharashtra

SEAC 2011/CR- 683/TC2 Environment department Room No. 217, 2nd floor, Mantralaya Annex, Mumbai- 400 032. Dated: 30th September, 2014

To, M/s. Meta Rolls & Commodities Pvt. Ltd. Gat No.48, Daregaon, Tal. & Dist .Jalna

Subject: Environment clearance for proposed project for the manufacture of TMT Bars 500 TPD(150000MTPA) at Gat No.48, Daregaon, Tal. & Dist Jalna by M/s. Meta Rolls & Commodities 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 77th 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 project for the manufacture of TMT Bars 500 TPD(150000MTPA) at Gat No.48, Daregaon, Tal. & Distt. 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	Proposed capacity expansion of manufacturing of M.S. Billets from 6600 TPM to 13200 TPM & new unit of Rolling mill of 13200 TPM				
Project Proponent	M/s. Meta Rolls & Commodities Pvt. Ltd. (MRCPL), Gut no. 48, Adjacent to MIDC Phase II Daregaon, Dist. Jalna, Maharashtra				
Consultant	M/s Pollution & Ecology Control Services				
New Project / Expansion	Expansion				
If expansion/ Diversification, whether environmental clearance has been obtained for existing project.	2010/CR.173/TC.2 Dated- 29/12/2010 for M.S ingot & Billets plant of capacity from 3300 TPM to 6500TPM.				
Activity schedule	B – 3(a)				
Area Details	Total plot Area (sq. m.): 19.3 Acres Built up Area (sq. m.): - App. 17500 Sq. Mtr.				
Name of the Notified Industrial area / MIDC area	Additional MIDC Area, Jalna				
TOR given by SEAC? (if yes then specify the	 Yes 62nd meeting of the SEAC held on 6th to 8th November, 2012 				

meeting)									
Estimated capital cost of the	Exis	ting pl	ant : R	1453	lacs.	15000		THOUGHT.	
project: (including cost of land, building, plant and machinery separately)	Prop	Proposed Investment: Rs 9852 lacs. Total after expansion: Rs.11394 lacs.							
Location details of the project:	2. Lo 3. Lo	ongitud		0'32.2 acent arashti	3"E to MII	OC Phase (meters) - 5		aregaon, Jaln	a in
Distance from protected Areas /Critically Polluted areas/ Eco-sensitive areas			lly poll cm radi		area, No	National P	arks/W	Vild life Sano	tuary
Raw materials (including process chemicals, catalysts, & additives).		Sr. No	Name the Produ		Raw Ma	nterial	Requi	irement	
		1	M.S. Billet	S	M.S. Sc Sponge	Iron	(After	13860 TPM (After Expansion)	
		2	TMT Bars		M.S. molten	Billet in stage	13200 TPM		
Production details									
		Name of the Product			sting acity 1	Proposed		Total Capac TPM	ity
		M.S. Bille TMT	ts		1320				
Process details /		Bille	ts Plant	and l	Rolling n			he EIA is end	losed
manufacturing details		nnexu		-					
Rain Water Harvesting (RWH)		Size Loc Size	and no ation of	of R RWH f rech	tank (s) arge pits a	(s) and Quant and Quantity		ost)	
Total Water Requirement	Budgetary allocation (Capital cost and O&M cost) Total water requirement: Fresh water (CMD): 200 m³/day & Source – Captive bore well Recycled water (CMD): 90 m³/day Use of the water: Domestic use: 3 m³/day, Cooling purpose: 100 m³/day Gardening: 2 m³/day, Scrubber: 95 m³/day								
Storm water drainage	:		ural wat of SW		inage patt	ern - Quantity	y of sto	rm water	
Sewage generation and treatment		 Amount of sewage generation (CMD) - 2 m³/day Proposed treatment for the sewage - Sewage will be treated in septic tank followed by soak pit 							
		Capacity of the STP (CMD) (If applicable) - NA Sr. Source Qty (TPM) Composition							

	tı	eatmer	nt plant										
	-	TP			Nil								
	3. P	rocess			Existing quantity 330 TPM Proposed Quantity 330 TPM		Slag from Induction Furnace						
	materia propose Wh Pos ind in l cor and Me	ls or ed preca nat are the sible us uction for hardening istruction I brick no ethod of in partice	heavy autiona he possi sers of jurnace ng of we on of in maker. disposi les are	metal ry metal bilities Solid vis non looking ternal al of se separat	of revasti haza area villa olid	hazardous/to provide quies. ecovery and e - Since the rdous and no possibilities ge roads, and waste - Slag by using mag- ning of work	recycling e solid von toxic i s can be d filling g generat	g of wast vaste ger n nature explore of stone red is cruparator.	data and es? herated from it can be use for its use it e quarry pits shed at site Crushed slap k making.				
Stack Emission Details:	Plant Sectio & uni	n N	Stack No.	Heigh from groun level (m)	Diameter Rate (TOP)		ion	Temp. of Exhaust Gases					
							For SO ₂	For NO _x					
	Stack attach to Induc Furna	tion	st	30 m		1.6 m	-		50°C				
Ambient Air Quality Data	Pollut		Permissible Predicted Rem Concentration (in µg/m³)		Remark	ks							
	SPM	μ P μ	μg/m³,		$PM_{2.5} - 60$		μg/m ³ , PM _{2.5} – 60 μg/m ³		PM _{2.5} -10.6 to 15.7 μg/m ³		will be	All parameters will be within	
	SO ₂		0 μg/m		SO ₂ - 7.2 to 12.7 μg/m ³		limits after commissioning of the plant.						
	NOx		0 μg/m		μ	NO _x - 8.2 to 15.8 μg/m ³		Of the	pront.				
Energy	• Exirequire	supply sting ement:	power 20 MW umber	requi		ent: 90001							
Green Belt Development	Gre Nu per	een belt mber ar Ha will	area (So nd speci l be plac	q. m.): ies of t nted in	con	of total land to be plante sultation with s of trees to l	d - App	al Forest	Department				

Details of Pollution Control Systems:	Sr. No.		Existing pollution control system		Ventuary scrubber followed by stack of mt height.	
	i.	Air	Ventuary scrubber followed by stack of 30 m height.	Ventuary s followed b mt height.		
	ii.	Water	Settling Tank	Settling Ta	ink	
	iii. Noise		Ear muffs/ear plugs are provided to the workers, Acoustic laggings and silencers	provided to Acoustic la silencers will be pro	Ear muffs/ear plugs will be provided to the workers, Acoustic laggings and	
			are provided equipment	in		
	iv)	Solid Waste	Slag Crusher	Slag Crush	Slag Crusher	
Environmental Management Plan Budgetary Allocation	Sr.No).			Capital cost in Rs.	
	1. Air Pollution Cont		on Control	0.5 Cr.	2.5 Cr.	
	2. Water Poll		ution Control	0.05 Cr.	0.40 Cr.	
	3. Noise Poll		ution Control	0.03 Cr	-	
	4.	Monitoring	Environment Monitoring and Management		0.05 Cr.	
	5.	Reclamation borrow/mined area (If applicable)		-	•	
	6.	Occupation				
	7.	Green Belt		0.07 Cr.	0.10 Cr	
	8.	Solid manageme	waste	0.1 Cr.	0.50 Cr.	
	9.		harvesting	0.10 Cr.	0.80 Cr	
	10	Environment	al Study and	0.05 Cr	0.15 Cr.	
		Total		Rs. 0.90 Cr.	Rs. 4.50 Crores	
EIA Submitted (If yes then submit the salient features) Public Hearing report (If public hearing conducted then submit the salient	Deta sample Deta of data Potes Conc Date Nam	eriod of data collected — November, December, January 2012- Details of the primary data collection (i.e. location of the ample collection, number of visit, etc) Details of the secondary data collection (i.e. Source and year f data) Potential hazard and mitigation measures Conclusion of the EIA study Date of the public hearing — 29/6/2013 Name of the news paper in which the advertisement appeared Please attach the copy) Daily Sakal, Daily Lokmat Times				
features)	• Loca	ease attach the copy) Daily Sakal, Daily Lokmat Times ocation of the public hearing- Project site Daregaon umber of people attended the hearing				

 Objection(s) / Suggestion(s) if any: Minutes of Public hearing is attached in EIA report.

- 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:
 - 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.
 - 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 breaks-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, NOx (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.
- 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.
- 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.
- 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.
- This Environment Clearance is issued for proposed project for the manufacture of TMT Bars 500 TPD(150000MTPA) at Gat No.48, Daregaon, Tal. & Dist Jalna by M/s. Meta Rolls & Commodities Pvt. Ltd

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

Copy to:

- Shri. R. C. Joshi, IAS (Retd.), Chairman, SEIAA, Flat No. 26, Belvedere, Bhulabhai desai road, Breach candy, Mumbai- 400026.
- Shri T. C. Benjamin, IAS (Retired), Chairman, SEAC-I, 602, PECAN, Marigold, Behind Gold Adlabs, Kalyani Nagar, Pune – 411014.
- Additional Secretary, MoEF & CC, Indira Paryavaran Bhavan, Jorbagh Road, Aliganj, New Delhi-110003.
- Member Secretary, Maharashtra Pollution Control Board, with request to display a copy of the clearance.
- 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, Jalna
- 7. CEO, MIDC, Jalna

- IA- Division, Monitoring Cell, MoEF & CC, Indira Paryavaran Bhavan, Jorbagh Road, Aliganj, New Delhi-110003.
- 9. Select file (TC-3)

(EC uploaded on 9 | 10 | 20 | 4

Environmental Clearance Compliance Statement

Project Name: Proposed Project for the Manufacture of TMT Bars 13200 TPM and New Unit of Rolling Mill of 13200 TPM at Gut No. 48, Village: Daregaon, Tal. & Dist.: Jalna, Maharashtra by

M/s. Meta Rolls & Commodities Pvt. Ltd.

Category of the Project: Ferrous & Non-Ferrous B1

Ref. No.: SEAC 2011/CR - 683/TC2 Dated: 30th September 2014

EC Compliance Period: October to March 2023

S. N.	Conditions	Compliance Status
i.	No additional land shall be used / acquired for any activity of the project without obtaining proper permission.	Noted and being complied. We only use the available land for our industrial operations since there is space on it. While we do not require additional land, if it is required, we will seek permission from the relevant authorities.
ii.	This environmental clearance is issued subject to obtaining NOC from forestry & wild life angel including clearance from the standing committee of the national Board for Wild life as if applicable & this environmental clearance does not necessarily imply that forestry & Wild life clearance granted to the project which will be considered separately.	Noted. Because of the closest proximity of our industry to MIDC's land and due to the fact that the area does not fall under the forestry or wildlife categories, a NOC is not necessary.

iii.	For controlling fugitive natural dust, regular sprinkling of water & wind shields at appropriate distance in vulnerable areas of the plant shall be used.	Being Complied. The plant has dust controllers and collection systems, de-dusting systems, and dust suppression systems in place to reduce fugitive emissions. To control any dust, the project site's entrance road and internal roadways are regularly misted with water. The project site's perimeter is completely surrounded by greenery, which serves as a buffer against generated noise and dispersed dust.
iv.	PP has to abide the conditions stipulated by SEAC & SEIAA.	Noted & agreed.
V.	Regular monitoring of the air quality, including SPM & S02 levels both in work zone and ambient air shall be carried out in and around the power plant 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. The project site is within a 10-kilometer radius of where we regularly test the air quality for the criteria PM10, PM2.5, SO2 & NOx levels in both the work zone and ambient air. The monitoring results are well within MoEF&CC's permitted level. The MoEF&CC and the relevant Sub Regional Office of the MPCB receive frequent submissions of monitoring results together with EC Compliance reports. Monitoring reports for both workplace and ambient air quality are enclosed as Annexure – III.
Vi.	Necessary arrangement shall be made for adequate safety and ventilation arrangement in furnace area.	Noted and being complied. We are taking every precautionary step we can to keep the risk zone inside the plant's perimeter. A full firefighting system with a fire extinguisher is built at the furnace area and office premises. In order to prevent any air from building up, adequate ventilation is supplied in the furnace area.

vii.	Proper Housekeeping program shall be implemented.	Noted and being complied. In order to maintain a tidy and clean environment at the project site, a housekeeping team has been deployed.
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 & being complied. The unit will be promptly turned off and not restarted until the necessary efficiency has been reached in the event that any pollution control system set by the unit fails.
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. In accordance with CPCB regulations, an adequate stack height has been rooted out, and DG set stacks have been equipped with an acoustic enclosure to reduce the noise generates.
X.	A detailed scheme for rainwater harvesting shall be prepared and implement to recharge ground water.	Noted and being complied. Storm water drains are available to direct rainfall from various locations into a reservoir, and we have installed a rainwater harvesting system for recharging ground water. The reservoir has adequate space to hold all of the monsoon rainwater. The utilization of stored rainwater for plant operations lowers the need for fresh water.
Xi.	Arrangement shall be made that effluent and storm water does not get mixed.	Complied. Drains for domestic and storm water are built separately so that there is no chance of mixing together. Only domestic water is generated as effluent in the current plant operations.

χij. Noise level shall be maintained as per standards. Being complied. For people working in the high noise area. We manage to maintain the noise level within the Requisite personal protective equipment like acceptable ranges. The essential personal safety earplugs etc. shall be provided. gear, including earplugs and ear muffs, was provided to the workers. The project site and the surrounding area undergo routine noise monitoring. XIII. The overall noise levels in and around the plant Being complied. shall be kept well within the standards by The use of noise control devices, such as acoustic providing noise control measures including acoustic hoods, silencers, enclosures, etc. on all sources of hoods, silencers, enclosures, etc. on all sources noise generation, helps the plant's overall noise of noise generation. The ambient noise level shall levels to remain well below the set norms. The D.G be confirm to the standards prescribe under set has an acoustic enclosure. We regularly oil, Environment (protection) Act 1986 Rules, 1989. grease, and maintain the machinery in order to eliminate friction. The measured noise levels are much below the allowed limit. xiv. Green belt shall be developed & maintained Being complied. around the According to the Forest Department, Government plant periphery. Green Belt Development shall be carried out considering of Maharashtra circular no. SaVaVi-2019/C.R.3/F-CPCB guidelines including selection of plant 11, dated 25th June 2019, we have planted native species and in consolation with the local DFO/ and indigenous trees such as Karani, Peepal, Agriculture Dept. Neem, Jamun and other suitable trees in the 33% of the total land as per the Meyawaki dense forest concept.

XV.	Adequate safety measures shall be provided to limits the risk zone within the plant boundary, in case of an accident. Smoke and heat detection device shall also be installed at strategic places for early detection and warning.	Being complied. We are taking every precaution to limit the risk zone within the plant's boundaries. A comprehensive firefighting system with a fire extinguisher is present at the furnace and office buildings.
xvi.	Occupational health surveillance of the workers shall be done regular basis and record maintained as per Factories Act.	Being Complied. A department for safety and the environment is formed, suitable health-related measures are put in place to provide the best possible hygienic conditions inside the plant area, and worker health checkup are conducted on a regular basis.
xvii.	The company shall make the arrangement for Protection of possible fire hazards during manufacturing process in material handling.	Complied. For the prevention of potential fire threats during manufacturing and material handling, fire hydrants and firefighting equipment have been installed, and we constantly perform safety training for employees to keep them updated about the existing protection systems.
xviii.	The project authorities must strictly comply with the rules and regulation with regard to the 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 /treatments / storage / disposal of hazardous waste.	Complied. No hazardous materials are used in the manufacturing process, no toxic substances are produced as products, and no hazardous waste gets generated throughout the manufacturing process.
xix.	The company shall undertake following waste minim	ization measures.

1.	Metering of quantities of active ingredients to minimize waste.	Noted & being complied. Utilizing scrap with the highest level of productive quality and shredding it into tiny pieces, we constantly strive to reduce the waste produced by our operations.
2.	Reuse of by products from the process as raw materials or as raw material substitutes in other process.	Noted & being complied. Slag is generated by our Manufacturing process and we are utilizing it as a sand for construction activity if any and balance we are using for manufacturing of bricks.
3.	Maximizing Recoveries.	Noted and being complied.
4.	Use of automated material transfer system to minimize spillage.	Being Complied. We have an automatic scrap collection system that uses magnets in order to collect scrap; the scrap it collects is then immediately put into the furnace.
XX.	Regular mock drills for the onsite emergency management plan shall be carried. Out Implementation of changes / improvements required, if any, in the onsite management plan shall be ensured.	Being complied. Regular mock exercises and safety training are done as part of the emergency management plan for the place of operation. In case of an emergency, first aid facilities are made available at the project site.
xxi.	A separate environment management cell with qualified staff shall be set up for implementation of the stipulated environmental safeguards.	Complied. A 5 person's team composed of qualified employees, comprising an EHS Manager and a Safety Officer, has been appointed. To handle all environmental and safety-related concerns, we have set up a fully functional environment management cell.
ххіі.	Transportation of ash will be through closed containers and all measures should be taken prevent spelling of the ash.	Not Applicable.

xxiii.	Separate silos will be provided for collection and strong bottom ash and fly ash.	Not Applicable.
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. The funds earmarked for the environment protection measures shall not be diverted for other purposes and year wise expenditure should to the MPCB & 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.	The project management shall advertise at least In two local newspapers widely circulated in the region around the project on of which shall be in Marathi language of the local concerned within seven days of issue of this letter, informing that the project has been accorded environmental clearance letter are available with the Maharashtra pollution control Board and may also be seen at website at http://ec.maharashtra.gov.in	Complied. The advertisement was published in both English and Marathi in two extensively circulated local newspapers in the area, copy for the same is enclosed as Annexure – II.
xxvi.	Project management should submit half yearly compliance reports in respect of the stipulated prior environment clearance terms and condition in hard & soft copies to the MPCB & this department, on 1st June & 1st Dec of each calendar year.	Being Complied. Six monthly compliance report in respect of the stipulated prior environment clearance terms and conditions being submitted by us regularly in time and soft copy mailed to MoEF&CC Regional Office and hard copy to MPCB, details for the same is enclosed as Annexure – IV .
xxvii.	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.	Complied. The company's website also contains a copy of the clearance letter that was sent to the relevant local authority, municipal council, or corporation.

xxviii	The proponent shall upload the status of compliance of the stipulated EC conditions, including results of monitored data on their website	Noted, We are submitting the six monthly compliance report in respect of EC conditions along with
	and shall update the same periodically it shall simultaneously be sent to the Regional office of MOEF, the respective zonal office of CPB and SPCB. The criteria pollutant levels namely, SPM.RSPM.SO2 NO X (ambient levels as well 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.	monitoring reports, to the respective MoEF&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, SPM, RSPM, SO ₂ & NOx are displayed on the LED based Board near to the main gate of the industry.
xxix.	Six Monthly monitoring reports should be submitted to the regional office MOEF, Bhopal with copy to this department and MPCB.	Being Complied. We are submitting regularly the six monthly compliance report along with monitoring data.
XXX.	A complete set of all the documents submitted to Department should be forwarded to the Local authority and MPCB.	Complied.
xxxi	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	Noted and agreed.



जाहीर प्रगटन

बेटा रोल्स ऑब्ड कमोडीटीज पा.ली. जालना या प्रणटनाड्डारे जाहीर सुचित्र हरतों की, पर्याचरण विष्याग, महाराष्ट्र राज्य यांनी आमच्या घेटा होत्स जेंग्ड कमोडींडीज प्रा.ली.च्या विलेट उत्पादनाच्या विस्तारीकरण प्रकल्प क्षमता ५०० मेट्टीक टन प्रतिदिन गट अ. ४८ औद्योगिक बसाहत जवळ, दरेगाव बालनासाठी पर्यावरण मंजुरी दिली arit. shur w. SEA 2014/CR-32/TC-2 दिनांक ३० ऑक्टोबर २०१४ असून दिशंक ०७ ऑक्टोबा २०१४ रोजी पर्यातरण विभागाच्य संकेतिक स्वधाया प्रकाशित केल आहे. सदर पर्याचरण मंजुरीची प्रत आमचे कार्यालय तसेच महाराष्ट्र प्रदुषण नियंत्रण महांद्रक यांच्या कार्यालयात पालक्य आहे. संकेत स्थात c.maharashtra.gov.in

मेटा रोल्स ॲण्ड कमोडीटीज प्रा.ली.जालना (CIN No. U27101MH2002PTC135427

SUNDAY 19 | OCTOBER 2014 AURANGABAD

lokmat Times

www.epaper.lokmat.com/lokmattimes/

Public Notice

We, M/S Meta Rolls & Commodities Pvt Ltd. 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 Meta Rolls & Commodities Pvt. Ltd. with capacity of Billet 500 MTD, at Gut No.48, Adjacent to MIDG, Phase II, Daregaon, 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)

M/s Meta Rolls & Commodities
Pvt. Ltd.

(CIN No.U27101MH2002PTC135427)

MAHARASHTRA POLLUTION CONTROL BOARD

Tel: 24010706/24010437

Fax: 24023516

Website: http://mpcb.gov.in Email: cac-cell@mpcb.gov.in



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

Date: 12/05/2022

RED/L.S.I (063) No:- Format1.0/CC/UAN No.0000116876/CR/2205000702

To, M/s. Metarolls Ispat Pvt. Ltd., Gut No. 48, Adjecent to MIDC Phase - II, Daregaon, Jalna.



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. 0000042822/R/CC 1808000690 dtd. 16/082018.
- 3. Amendment in Consent to Operate issued by the Board w.r.t. curtailment of Consent validity, vide no. BO/JD (APC)/ Amendment / CC 1239 dtd. 18/11/2019.
- Amendment in Consent to Operate issued by the Board w.r.t. extension of Consent validity, vide no. BO/JD (APC)/ Amendment / CC - 0090 (A) dtd. 23/03/2021.
- 5. Minutes of 1st Consent Committee Meeting held on 08/04/2022.

Your application No.MPCB-CONSENT-0000116876 Dated 29.06.2021

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.74.6 Crs. (As per C.A Certificate submitted by industry)
- 3. Consent is valid for the manufacture of:

Sr No	Product	Maximum Quantity	иом			
Prod	Products					
1	MS BILLETS	158400	MT/A			
2	MS TMT BARS	158400	MT/A			

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	4.2	As per Schedule-I	On land for gardening

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

Sr No.	Stack No.	Description of stack / source	Number of Stack	Standards to be achieved
1	01	Induction Furnace (29 T)	1	As per Schedule -II
2	02	Induction Furnace (30 T)	1	As per Schedule -II
3	01	DG Set of 1000 KVA	1	As per Schedule -II
4	01	DG Set of 500 KVA	1	As per Schedule -II

6. Non-Hazardous Wastes:

Sr No	Type of Waste	Quantity	UoM	Treatment	Disposal
1	SLAG	18	MT/Day	Sale	used for hardening of internal road / working area/used as sand in construction.

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

Sr No	Category No./ Type	Quantity	UoM	Treatment	Disposal
	NA	7			

- 8. The Board reserves the right to review, amend, suspend, revoke this consent and the same shall be binding on the industry.
- 9. This consent should not be construed as exemption from obtaining necessary NOC/ permission from any other Government authorities.
- 10. The applicant shall obtain necessary permission from the Directorate of Industrial Safety and Health (DISH).
- 11. The applicant shall strictly comply with the conditions of Environmental Clearance granted by Environment Department GoM vide dtd. 30/9/2014.
- 12. This consent is issued pursuant to the decision of the 1st Consent Committee Meeting held on 08/04/2022.
- 13. The applicant shall complete work of installation of bag filter to the 30 T furnace on or before 30/06/2022 and shall submit BG of Rs. 5.0 Lakh towards compliance of the same.
- 14. If, the applicant has failed to achieve to control 100% secondary fumes by utilizing, provided alternative secondary fume extraction system then the applicant shall follow and implement following schedule and submit BGs accordingly.
- 15. The applicant shall issue purchase order for installation of secondary fume extraction system within 15 days and shall submit BG of Rs. 2.0 Lakh towards compliance of the same.

- 16. The applicant shall ensure that material should be procured within 15 days after issuing purchase order and shall submit BG of Rs. 3.0 Lakh towards compliance of the same.
- 17. The applicant shall ensure that work of provision of secondary fume extraction system shall be started within 15 days after material procured on site and shall submit BG of Rs. 5.0 Lakh towards compliance of the same.
- 18. The applicant shall ensure that installation of secondary fume extraction systems shall be installed within 04 months and shall submit BG of Rs. 5.0 Lakh towards compliance of the same.
- 19. The applicant shall ensure that trials of secondary fume extortion system within 15 days after installation of secondary fume extraction system and shall submit BG of Rs. 5.0 Lakh towards compliance of the same.
- 20. If applicant fails to comply point no. 15 to 19 within time, then BG will be forfeited and top-up accordingly.
- 21. The applicant shall submit progress report after completion of each activity to SRO Jalna and SRO Jalna shall submit monthly progress report after verification.
- 22. The applicant shall make an application for renewal of consent 60 days prior to date of expiry of the consent.



Received Consent fee of -

Sr.No	Amount(Rs.)	Transaction/DR.No.	Date	Transaction Type
1	200000.00	TXN2106002943	30/06/2021	Online Payment

As per earlier Consents fees of Rs. 1.0 Lakh is balance with the Board and same will be considered at the time of 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:- Directed to submit verification report regarding installation of bag filter after completion of schedule.

SCHEDULE-I

Terms & conditions for compliance of Water Pollution Control:

- 1. A] Generation As per your application the treated effluent generation is Nil.
 - Bl Treatment NA
 - C] Disposal NA
- 2. A] As per your application, you have provided Septic Tank followed by Soak pit for the treatment of 4.5 CMD of sewage.
 - B] The Applicant shall operate the sewage treatment system to treat the sewage so as to achieve the following standards.

Sr.No	Parameters	Standards (mg/l)	
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 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:

Sr. No.	Purpose for water consumed	Water consumption quantity (CMD)
1.	Industrial Cooling, spraying in mine pits or boiler feed	185.00
2.	Domestic purpose	4.50
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:

Stack No.	Source	APC System provided/prop osed	Stack Height(in mtr)	Type of Fuel	Sulphur Content(in %)	Pollutant	Standard
01	Induction Furnace (29 T)	Fume Extraction system followed by bag filter alongwith alternative secondary fume extraction system.	35.00	Electricity. 00NA	-	TPM	100 Mg/Nm³
02	Induction Furnace (30 T)	Fume Extraction system followed by wet scrubber alongwith alternative secondary fume extraction system.	35.00	Electricity. 00NA	-	TPM	100 Mg/Nm³
03	DG Set of 1000 KVA	Acoustic Enclosure	5.00 _{H EI}	HSD 50 Lit/Day	1	SO2	1.0 Kg/Day
04	DG Set of 500 KVA	Acoustic Enclosure	5.00	HSD 50 Lit/Day	1	SO2	1.0 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:

Sr. No	Consent (C2E/ C2O /C2R)	Amt of BG Imposed	Submission Period	Purpose of BG	Compliance Period	Validity Date
1	Renewal of Consent to Operate	Rs. 5.0 Lakh	15 days.	Towards work completion of installation of bag filter to the 30 T furnace.	30/06/2022.	One Year.
2	Renewal of Consent to Operate	Rs. 10.0 Lakh	15 days.	Towards O & M of pollution control systems and compliance of Consent conditions.	Continuous.	31/12/2023.
3	Renewal of Consent to Operate	Rs. 2.0 Lakh	15 days.	Towards issue purchase order for installation of secondary fume extraction system.	15 days.	One Year.
4	Renewal of Consent to Operate	Rs. 3.0 Lakh	15 days. не	Towards material should be procured within 15 days after issuing purchase order.	15 days after issuance of P.O.	One Year.
5	Renewal of Consent to Operate	Rs. 5.0 Lakh	15 days.	Towards ensure that work of provision of secondary fume extraction system shall be started.	15 days after material procured on site.	One Year.
6	Renewal of Consent to Operate	Rs. 5.0 Lakh	15 days.	Towards ensure that installation of secondary fume extraction systems	4 months.	One Year.
7	Renewal of Consent to Operate	Rs. 5.0 Lakh	15 days.	Towards trials of secondary fume extortion system.	15 days after installation of SFES.	One Year.

BG Forfeiture History

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

BG Return details

Srno.	Consent (C2E/C2O/C2R)	BG imposed	Purpose of BG	Amount of BG Returned
		N.	A	

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 sitting 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 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).
- 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.

This certificate is digitally & electronically signed.



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-0000045879

Submitted Date

17-09-2022

PART A

Company Information

Company Name

M/S: METAROLLS ISPAT PVT LTD

Address

GUT NO: 48, DAREGAON, ADJACENT TO

MIDC PHASE-II

Plot no

GUT NO: 48

Capital Investment (In lakhs)

7460

Pincode

431203

Telephone Number

02482220036

Region

SRO-Jalna

Last Environmental statement submitted online

Consent Valid Upto

yes

2023-06-30

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

Application UAN number

MPCB-CONSENT-0000117869

Taluka

JALNA

Scale LSI

Person Name

R A BHAKKAD

Fax Number

Industry Category

ORANGE

Consent Number

NO. FORMAT1.0/CC/UAN NO.0000116876/CR/2205000702

Establishment Year

0

Village

DAREGAON ADJACENT TO MIDC PHASE-III

City

JALNA

Designation

DGM

Email

rabhakkad@metarolls.com

Industry Type

O61 Rolling mill (oil or coal fired) and cold

rolling mill

Consent Issue Date

2022-05-12

Date of last environment statement

submitted

Sep 28 2021 12:00:00:000AM

Product Information

Product Name Consent Quantity Actual Quantity UOM MS BILLETS 158400 157958.060 MT/A MS TMT BARS 158400 154805.803 MT/A

By-product Information

By Product Name **Consent Quantity Actual Quantity UOM** NA 00 00 Nos./Y

Part-B (Water & Raw Material Consumption)

Process	ption in m3/day on for	Conser 0.00	nt Quantity in m3/d	lay	Actual Quantity 0.00	y in m3/day	
Cooling		185.00			175.00		
Domestic		4.50			3.50		
All others		0.00			0.00		
Total		189.50			178.50		
2) Effluent Genera	ation in CMD / MLD						
Particulars NA			Consent Quanti 00	ty	Actual Quantity 00		I OM MD
2) Product Wise F process water pe	Process Water Consum	ption (cubic met	er of				
Name of Products			financial	he Previous Year	During the Financial y		UOM
MS BILLETS			0.25		0.2		CMD
TMT BARS			0.25		0.2		CMD
3) Raw Material C material per unit Name of Raw Mat		otion of raw	During the Previ	ous	During the cur	rent	UOM
MS SCRAP AND SPO		financial Year 166823.196			Financial year 167857.353		MT/A
MS BILLETS			157406.69		157958.060		MT/A
4) Fuel Consumpt	tion						
Fuel Name ELECTRICITY		Consent q 00	uantity	Actual Qu 223510.65	-	UOM Mwh	
HSD		36		00		KL/A	
Part-C							
Part-C Pollution discharg	ged to environment/un	nit of output (Para	ameter as specified	d in the cons	sent issued)		
Part-C	ged to environment/un Quantity of Pollutants discharged (kL/day) Quantity	Concentration of discharged (Mg/s PH,Temp,Colour Concentration	of Pollutants Lit) Except	Percentag from pres	ge of variation cribed s with reasons	Standard	Reason
Part-C Pollution discharg [A] Water Pollutants Detail	Quantity of Pollutants discharged (kL/day)	Concentration of discharged (Mg/s) PH,Temp,Coloui	of Pollutants Lit) Except	Percentag from pres standards	ge of variation cribed s with reasons	Standard 00	Reason 00
Part-C Pollution discharge [A] Water Pollutants Detail NA [B] Air (Stack)	Quantity of Pollutants discharged (kL/day) Quantity 00	Concentration of discharged (Mg/s) PH, Temp, Colour Concentration	of Pollutants Lit) Except	Percentag from pres standards %variatio	ge of variation scribed s with reasons n		
Part-C Pollution discharg [A] Water Pollutants Detail	Quantity of Pollutants discharged (kL/day) Quantity 00 Quantity of Pollutants discharged (kL/da	Concentration of discharged (Mg/s) PH, Temp, Colouin Concentration Concentration Concentration discharged (Ng/s)	of Pollutants Lit) Except on of Pollutants Mg/NM3)	Percentage from presstandards %variation 00 Percentage from presstandards	ge of variation scribed s with reasons n ge of variation scribed s with reasons	00	00
Part-C Pollution discharge [A] Water Pollutants Detail NA [B] Air (Stack)	Quantity of Pollutants discharged (kL/day) Quantity 00 Quantity of Pollutants discharged (kL/da Quantity	Concentration of discharged (Mg/s) PH, Temp, Colour Concentration 00	of Pollutants Lit) Except on of Pollutants Mg/NM3)	Percentage from presstandards %variation 00	ge of variation scribed s with reasons n ge of variation scribed s with reasons		00

Part-D

HAZARDOUS									
	Waste Type		ng Previous Fina	ancial year			ng Current Financia	al year	ИОМ
0		00			0	0			MT/A
-	lution Contro								
Hazardous V 0	Naste Type	Total I	During Previous	Financial year		00	ing Current Financ	ial year	UOM MT/A
Part-E									
SOLID WAST	TES								
1) From Pro					_				
	ous Waste Ty	-	During Previous	s Financial year			ing Current Financi	ial year	UOM MT/A
SLAG		5926				5824.650			MT/A
-	lution Contro					. T.t.	l Barrin a Grama at Fi		иом
PROCESS DUS	ous Waste T y ST/ RESIDUE	уре	3490.506	Previous Financ	iai year	4074	I During Current Fil 643	nanciai year	UОМ Kg
PROCESS DUS			3490.506			4074			Kg
3) Quantity unit	Recycled or	Re-utilized	within the						
Waste Type				Total During Pr	revious	Financial	_	rent Financial	иом
0				year 00			year 00		MT/A
U				00			00		MITA
Part-F									
						n) of haza	ardous as well as so	olid wastes and	d
		e adopted	for both these	categories of w	astes.				
1) Hazardou Type of Haz	<u>is Waste</u> ardous Wast	e Generate	ed Qty o	of Hazardous W	/aste	иом	Concentration of I	Hazardous Was	ste
0			00			MT/A	NA		
2) Solid Was	ste								
	d Waste Gen	erated		y of Solid Wast	e	UOM	Concentration	of Solid Waste	•
SLAG			58	24.650		MT/A	00		
PROCESS DUS	ST/ RESIDUE		40	74.643		MT/A	00		
Part-G									
Impact of th	ne pollution (Control me	asures taken on	conservation o	of natur	al resour	ces and consequen	tly on the cost	t of
	Reduction i	in Po	duction in Fuel	Reduction in	Reduc	tion in	Capital	Reduction i	in
Description	Water Consumption (M3/day)	& S on Co	duction in Fuel Solvent nsumption L/day)	Reduction in Raw Material (Kg)	Power	mption	Investment(in Lacs)	Maintenand Lacs)	
0	(1-1 3/44y)	0	-, au _y ,	0	0		0	0	

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)

APC SYSTEM

UPGRADATION OF APC SYSTEM, INSTALLATION ONLINE 800 CONTINEUOS EMISSION MONITORING SYSTEM

[B] Investment Proposed for next Year

Detail of measures for Environmental ProtectionEnvironmental Protection Measures

Capital Investment (Lacks)

APC SYSTEM, GREEN BELT DEVELOPMENTS

600

Part-I

Any other particulars for improving the quality of the environment.

Particulars

WE HAVE UPGRADED OUR APC SYSTEM, INSTALLED AN ONLINE CONTINUOUS EMISSION MONITORING SYSTEM, AND ARE GRADUALLY DEVELOPING THE GREEN BELT AREA WHILE ALSO MAINTAINING THE ENVIRONMENTAL BALANCE IN INDUSTRY PREMISES.

Name & Designation

R A BHAKKAD (DGM)

UAN No:

MPCB-ENVIRONMENT STATEMENT-0000045879

Submitted On:

17-09-2022



Maharashtra Pollution Control Board

महाराष्ट्र प्रदूषण नियंत्रण मंडळ

Form 4

See rules 6(5),13(8),16(6) and 20(2) of Hazardous and other wastes 2016

FORM FOR FILING ANNUAL RETURNS

[To be submitted to state pollution control board/pollution control committee by 30th June of every year for the preceeding period April to march]

Unique Application Number:Submitted On:Industry Type :MPCB-HW_ANNUAL_RETURN-000002647713-05-2022Recycler/Actual User

Submitted for Year:

April 2020 to March 2021

1. Name of the generator/operator of facility

METAROLLS ISPAT PVT LTD

Address of the unit/facility

GUT NO: 48, DAREGAON, ADJACENT TO MIDC

PHASE - II, JALNA

1b. Authorization Number Date of issue Date of validity of consent

FORMAT 1.0/CC/UAN NO: 0000116876/CR/2205000702 May 12, 2022 Jun 30, 2023

2. Name of the authorised person

R A BHAKKAD

Full address of authorised person

JALNA

Telephone Fax Email

7720003290 00 rabhakkad@metarolls.com

3. Production during the year (product wise), wherever applicable

Product Type *	Product Name *	Consented Quantity	Actual Quantity	UOM
Iron & Steel	MS BILLETS	158400.0000	157406.69	MT/A
Iron & Steel	MS TMT BARS	158400.0000	153911.478	MT/A

PART A: To be filled by hazardous waste generators

1. Total Quantity of waste generated category wise

Type of hazardous waste	Wate Name	Consented Quantity	Quantity	иом
	NA	0.000	00	MTA

2. Quantity dispatched category wise.

Type of Waste	Quantity of waste	UOM	Dispatched to	Facility Name
	00	MTA	0	00

3. Quantity Utilised in-house, If any

Type of Waste Name of Waste Quantity of Waste UOM
NA 00 MTA

4. Quantity in storage at the end of the year

Type of Waste Name of Waste Quantity of Waste UOM 00 MTA

5. Quantity disposed in landfills as such and after treatment

Туре	Quantity	UOM
Direct landfilling	00	KL/Anum
Landfill after treatment	00	KL/Anum

UOM

6. Quantity incinerated (if applicable)

KL/Anum

PART B: To be filled bt Treatment, storage, and disposal facility operators

1.Total Quantity received	UOM	State Name
NA	KL/Anum	Other
2. Quantity in stock at the beginning of the year	иом	
NA	KL/Anum	
3. Quantity treated	ИОМ	
NA	KL/Anum	
4. Quantity disposed in landfills as such and after treatment		
Type Direct landfilling	Quantity NA	<i>UOM</i> KL/Anum
Landfill after treatment	NA	KL/Anum
5. Quantity incinerated (if applicable)	иом	
NA	KL/Anum	
6. Quantiry processed other than specified above	ИОМ	
NA	KL/Anum	
7. Quantity in storage at the end of the year.	UOM	

PART C: To be filled by recyclers or co-processors or other users

1. Quantity of waste received during the year

NA

Waste Name/Category	Country Name	State Name	Quantity of waste received from domestic sources	Quantity of waste imported(If any)	Units
MS SCRAP	India	Maharashtra	132156.573	31168.310	MTA

KL/Anum

2. Quantity in stock at the beginning of the year

Waste Name/Category	Quantity	UOM
MS SCRAP	7043.056	MTA

3. Quantity of waste recycled or co-procesed or used

Name of Waste	Type of Waste	Quantity	UOM
MS SCRAP	SCRAP	166823.196	MTA

4. Quantity of products dispatched (wherever applicable)

Name of product	Quantity	UOM
TMT BAR	153076.308	MTA

5. Total quantity of waste generated

Waste name/category	quantity	UOM
SLAG	5926	MTA

6. Total quantity of waste disposed

Waste name/category	quantity	UOM
SLAG	5926	MTA

7. Total quantity of waste re-exported (If Applicable)

Waste name/category	quantity	UOM
NA	00	MTA

8. Quantity in storage at the end of the year

Waste name/categoryquantityUOMSLAGNILMTAMS SCRAP3544.743MTA

9. Quantity disposed in landfills as such and after treatment

TypeQuantityUOMDirect landfillingNAKL/AnumLandfill after treatmentNAKL/Anum

10. Quantity incinerated (if applicable) **UOM**

NA KL/Anum

Personal Details

PlaceDateDesignationJALNA2022-05-13DGM







TEST REPORT

RL-R20-01B

			KL-R20-0
Report No.: RL/TR/2022/10-198			Issue Date: 07/11/2022
Name of Customer: M/S. METAROLI	S ISPAT PVT. LTD	SAMPLE REFERENC	E
Address of Customer:		Sample Type	Ambient air quality monitoring
Gut No. 48, Adjacent to MIDC Phas	se-II, Daregaon, Jalna – 431213.	Your Reference	Verbal
Mobile- 7720003290		Reference Date	-
GSTIN- 27AADCM3474C1ZN		Sample ID	
Sampling Plan Reference No.: 07/10		Sample Location	Near Main Gate
Date & Time of Sampling: 28th to 29th C	October 2022, 01.00 PM	Latitude	
Codification No: RLC-10/183		Longitude	
ENVIRONMENTAL CONDITIONS:		Sample Collected By	RAJAS LABORATORIES
Min. Temperature	24°C	Min. Rel. Humidity	36.0%
Max. Temperature	32°C	Max. Rel. Humidity	42.0%
Sample Received On: 29/10/2022	Analysis Start On: 29/10/2022	Completion of Analys	is: 07/11/2022
		The second secon	

Sr. No.	Parameters	Result	Unit	Standard Values as per NAAQMS	Analysis Method
Chemi	cal Testing- 1.2.3. Atmospheric Pollution	(Ambient Air)	- 4		
1.	Sulfur Dioxide (SO ₂)	14.56	μg/m³	80	IS 5182 (Part 2):2001
2.	Oxides of Nitrogen (NOx)	25.96	μg/m³	80	IS 5182 (Part 6):2006
3.	Particulate Matter 10 (µ) (PM 10)	89.12	μg/m³	100	IS 5182 (Part 23):2006
4.	Particulate Matter 2.5 (µ) (PM 2.5)	39,88	μg/m³	60	CPCB Guidelines: NAAQMS/36/2012-13
5.	Ozone (O ₃)	7.54	μg/m³	100	IS 5182 (Part 9):1974
6.	Ammonia (NH ₃)	15.41	μg/m³	400	CPCB Guidelines: NAAQMS/36/2012-13
7.	Benzene (C ₆ H ₆)	BDL [DL = 0.1]	μg/m³	5	IS 5182 (Part 11):2006
8.	Benzo-a-pyrene (BaP)	BDL [DL = 0.5]	ng/m³	1	CPCB Guidelines: NAAQMS/36/2012-13
9.	Carbon Monoxide (CO)	1.66	mg/m³	4	IS 5182 (Part 10):1999
10.	Lead (Pb)	BDL [DL = 0.1]	μg/m³	1	IS 5182 (Part 22):2004
11.	Arsenic (As)	BDL [DL = 2]	ng/m³	6	CPCB Guidelines: NAAQMS/36/2012-13
12.	Nickel (Ni)	BDL [DL = 5]	ng/m³	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:

1. The above results pertain only to the sample tested
2. This contiliouse in full or in part shall not be used for advertising or legal action.
3. Fest Report cannot be re-produced except in full, without the written permission from the Laboratory.
4. The sample will be destroyed after 5 days & 1 months from the date of issue of test report for perishable de nonperishable items respectively.
5. The above tested product no way implies that the product, process, services, management and system or perion is approved by NABL.
6. Foes 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.
7. MoEF & CC recognition valid till 15/01/2024.

Reviewed By

Kshitij Tamhane (TM Env.) Authorized Signatory

SHASTRINAGAR KEDGAON WAGAR

Authorised By

Raju Ghule (LMR) Authorized Signatory

Page 1 Of 1 END OF REPORT







TEST REPORT

RL-R20-01B

			KL-K40-0
Report No.: RL/TR/2022/10-199			Issue Date: 07/11/2022
Name of Customer: M/S. METAROLI	S ISPAT PVT. LTD	SAMPLE REFERENC	E
Address of Customer:		Sample Type	Ambient air quality monitoring
Gut No. 48, Adjacent to MIDC Phas	se-II, Daregaon, Jalna – 431213.	Your Reference	Verbal
Mobile- 7720003290		Reference Date	-
GSTIN- 27AADCM3474C1ZN		Sample ID	
Sampling Plan Reference No.: 07/10		Sample Location	Furnace Shed
Date & Time of Sampling: 28th to 29th C	October 2022, 01.30 PM	Latitude	
Codification No: RLC-10/184		Longitude	. 40.
ENVIRONMENTAL CONDITIONS:		Sample Collected By	RAJAS LABORATORIES
Min. Temperature	26°C	Min. Rel. Humidity	31,0%
Max. Temperature	32°C	Max. Rel. Humidity	39.0%
Sample Received On: 29/10/2022	Analysis Start On: 29/10/2022	Completion of Analys	is; 07/11/2022

Sr. No.	Parameters	Result	Unit	Standard Values as per NAAQMS	Analysis Method
Chemi	cal Testing- 1.2.3. Atmospheric Pollution	n (Ambient Air)			
1.	Sulfur Dioxide (SO ₂)	12.56	μg/m³	80	IS 5182 (Part 2):2001
2.	Oxides of Nitrogen (NOx)	17.48	μg/m³	80	IS 5182 (Part 6):2006
3.	Particulate Matter 10 (µ) (PM 10)	77.39	μg/m³	100	IS 5182 (Part 23):2006
4.	Particulate Matter 2.5 (µ) (PM 2.5)	30.30	μg/m³	60	CPCB Guidelines: NAAQMS/36/2012-13
5.	Ozone (O ₃)	6.97	μg/m³	100	IS 5182 (Part 9):1974
6.	Ammonia (NH ₃)	9.88	μg/m³	400	CPCB Guidelines: NAAQMS/36/2012-13
7.	Benzene (C ₆ H ₆)	BDL [DL = 0.1]	μg/m³	5	IS 5182 (Part 11):2006
8.	Benzo-a-pyrene (BaP)	BDL [DL = 0.5]	ng/m³	1	CPCB Guidelines: NAAQMS/36/2012-13
9.	Carbon Monoxide (CO)	0,78	mg/m³	4	IS 5182 (Part 10);1999
10.	Lead (Pb)	BDL [DL = 0.1]	μg/m³	1	IS 5182 (Part 22):2004
11.	Arsenic (As)	BDL [DL = 2]	ng/m³	6	CPCB Guidelines: NAAQMS/36/2012-13
12.	Nickel (Ni)	BDL [DL = 5]	ng/m³	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-83	Asha Enviro	Valid Up to 04/07/2023
02.	RL/INS/FDS/C-87	Asha Enviro	Valid Up to 04/07/2023

Terms & Conditions:

1. The above results pertain only to the sample tested
2. This certificate in full or in part shall not be used for advertising or legal action.
3. Test Report cannot be re-produced except in full, without the written permission from the Laboratory.
4. The sample will be destroyed after 5 days & 1 months from the date of issue of less report for perishable items respectively.
5. The above tested product no way implicit that the product, process, services, management and system or person is upproved by NAEL.
6. Foes 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.
7. ModP & CC recognition valid till 15/01/2024

Reviewed By

Kshitij Tamhane (TM Env.) **Authorized Signatory**

SHASTRINAGAR KEDGAON ONAGAR-A

> Page 1 Of 1 END OF REPORT

Authorised By







TEST REPORT

RI-R20-01B

			KL-K20-0
Report No.: RL/TR/2022/10-200			Issue Date: 07/11/2022
Name of Customer: M/S. METAROLI	S ISPAT PVT. LTD	SAMPLE REFERENC	E
Address of Customer:		Sample Type	Ambient air quality monitoring
Gut No. 48, Adjacent to MIDC Phas	se-II, Daregaon, Jalna – 431213.	Your Reference	Verbal
Mobile- 7720003290		Reference Date	
GSTIN- 27AADCM3474C1ZN		Sample ID	- 6
Sampling Plan Reference No.: 07/10		Sample Location	Rolling Mill Shed
Date & Time of Sampling: 28th to 29th C	October 2022, 02.15 PM	Latitude	. 41.
Codification No: RLC-10/185		Longitude	
ENVIRONMENTAL CONDITIONS:		Sample Collected By	RAJAS LABORATORIES
Min. Temperature	25°C	Min. Rel. Humidity	37.0%
Max. Temperature	29°C	Max. Rel. Humidity	40.0%
Sample Received On: 29/10/2022	Analysis Start On: 29/10/2022	Completion of Analys	is: 07/11/2022
Annual An	- Landau Parantina de la constante de la const		The second secon

Sr. No.	Parameters	Result	Unit	Standard Values as per NAAQMS	Analysis Method
Chemi	cal Testing- 1.2.3. Atmospheric Pollution	(Ambient Air)			
1.	Sulfur Dioxide (SO ₂)	9.63	μg/m³	80	IS 5182 (Part 2):2001
2.	Oxides of Nitrogen (NOx)	12.22	μg/m³	80	IS 5182 (Part 6):2006
3.	Particulate Matter 10 (µ) (PM 10)	74.21	μg/m³	100	IS 5182 (Part 23):2006
4.	Particulate Matter 2.5 (µ) (PM 2.5)	34,56	μg/m³	60	CPCB Guidelines: NAAQMS/36/2012-13
5.	Ozone (O ₃)	8.96	μg/m³	100	IS 5182 (Part 9):1974
6.	Ammonia (NH ₃)	11.23	μg/m³	400	CPCB Guidelines: NAAQMS/36/2012-13
7.	Benzene (C ₆ H ₆)	BDL [DL = 0,1]	μg/m³	5	IS 5182 (Part 11):2006
8.	Benzo-a-pyrene (BaP)	BDL [DL = 0.5]	ng/m³	1	CPCB Guidelines: NAAQMS/36/2012-13
9.	Carbon Monoxide (CO)	0.41	mg/m³	4	IS 5182 (Part 10):1999
10.	Lead (Pb)	BDL [DL = 0.1]	μg/m³	1	IS 5182 (Part 22):2004
11.	Arsenic (As)	BDL [DL = 2]	ng/m³	6	CPCB Guidelines: NAAQMS/36/2012-13
12.	Nickel (Ni)	BDL [DL = 5]	ng/m³	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-90	Asha Enviro	Valid Up to 04/07/2023
02.	RL/INS/FDS/C-91	Asha Enviro	Valid Up to 04/07/2023

Terms & Conditions:

1. The above results pertain only to the sample tested.
2. This contribute in full or in part shall not be used for advertising or legal action.
3. Test Report cannot be re-produced except in full, without the written permission from the Laboratory.
4. The sample will be destroyed after 5 days & 1 months from the date of issue of test report for perishable & nonperishable items respectively.
5. The above tested product no way implies that the product, process, services, management and system or person is approved by NABL.
6. Fees not established between the company and the client at the time the order is placed or contract is respectively that the company's st.
7. Modif & CC recognition valid till 15-01/2024. nent and system or person is approved by NABL d or contract is pegocialted shall be at the compan ny's standard rate (Which are subject to change) and all applicable taxes shall be payable by the client.

Reviewed By

Kshifij Tamhane (TM Env.) **Authorized Signatory**

SHASTRINAGAR KEDGAON ONAGAR-A

Raju Ghule (LMR) Authorized Signatory

Authorised By

Page 1 Of 1 END OF REPORT







TEST REPORT

RL-R20-01C

			RL-R20-0	
Report No.: RL/TR/2022/10-201			Issue Date: 07/11/2022	
Name of Customer: M/S. METARO	LLS ISPAT PVT. LTD	SAMPLE REFERENCE		
Address of Customer:		Sample Type	Stack Emission Monitoring	
Gut No. 48, Adjacent to MIDC Pl	ase-II, Daregaon, Jalna – 431213.	Your Reference	Verbal	
Mobile- 7720003290		Reference Date	-	
GSTIN- 27AADCM3474C1ZN		Sample ID	- 60	
		Sample Location	Induction Furnace Stack - 1	
Sampling Plan Reference No.: 07/10		Latitude	- 4	
Date & Time of Sampling: 28th Octob	er 2022, 01.30 PM	Longitude	-0	
Codification No: RLC-10/186		Sample Collected By	RAJAS LABORATORIES	
STACK DETAILS:		Stack Material	MS	
Stack ID	1	Fuel Consumption	Y	
Stack Height	35 Meters	Flue Gas Temperature	87.2°C	
Stack Fuel	-	Flue Gas Velocity	3.9 m/s	
Sample Received On: 29/10/2022 Analysis Start On: 29/10/2022		Completion of Analysis	07/11/2022	

Sr. No.	Parameters	Result	Unit	Standard Values as per MPCB Consent	Analysis Method
Chem	ical Testing- 1.2.3. Atmospheric Poll	ution (Stack	Emission)		
1.	Sulfur Dioxide (SO ₂)	2.39	ppm	Not to exceed 80 ppm	IS 11255 (Part 2) : 1985
2.	Total Particulate Matter (TPM)	49.50	mg/Nm ³	Not to exceed 150 mg/Nm ³	IS 11255 (Part 1): 1985
3.	Oxides of Nitrogen (NOx)	4.22	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-83	Asha Enviro	Valid Up to 04/07/2023

Terms & Conditions:

1. The above results pertain only to the sample tested.
2. This certificate in full or in part shall not be used for advertising or legal action.
3. Test Report cannot be re-produced except in full, without the written permission from the Laboratory.
4. The sample will be destroyed after 5 days & 1 months from the date of issue of test report for perishable items respectively.
5. The above tested product no way implies that the product, process, services, management and system or person is approved by NABL.
6. Fees rat 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.
7. MoEF & CC recognition valid till 15:01/2024.

Reviewed By

Kshitij Tamhane (TM Env.) **Authorized Signatory**

ORA SHASTRINAGAR KEDGAON ONAGAR-A

> Page 1 Of 1 END OF REPORT

Anthorised By







TEST REPORT

RL-R20-01C

			KL-K20-0
Report No.: RL/TR/2022/10-202			Issue Date: 07/11/2022
Name of Customer: M/S. METAROLLS ISPAT PVT. LTD		SAMPLE REFERENCE	Œ
Address of Customer:		Sample Type	Stack Emission Monitoring
Gut No. 48, Adjacent to MIDC Pha	se-II, Daregaon, Jalna - 431213.	Your Reference	Verbal
Mobile- 7720003290 GSTIN- 27AADCM3474C1ZN		Reference Date	-
		Sample ID	
		Sample Location	Induction Furnace Stack - 2
Sampling Plan Reference No.: 07/10		Latitude	-
Date & Time of Sampling: 28th Octobe	r 2022, 02.30 PM	Longitude Sample Collected By	- RAJAS LABORATORIES
Codification No: RLC-10/187			
STACK DETAILS:		Stack Material	MS
Stack ID	2	Fuel Consumption	<u> </u>
Stack Height	35 Meters	Flue Gas Temperature	91.0°C
Stack Fuel	-	Flue Gas Velocity	4.1 m/s
Sample Received On: 29/10/2022	Analysis Start On: 29/10/2022	Completion of Analysis	07/11/2022

Sr. No.	Parameters	Result	Unit	Standard Values as per MPCB Consent	Analysis Method
Chem	ical Testing- 1.2.3. Atmospheric Poll	ution (Stack	Emission)		
1.	Sulfur Dioxide (SO ₂)	3.66	ppm	Not to exceed 80 ppm	IS 11255 (Part 2): 1985
2.	Total Particulate Matter (TPM)	67.52	mg/Nm ³	Not to exceed 150 mg/Nm ³	IS 11255 (Part 1): 1985
3.	Oxides of Nitrogen (NOx)	5.45	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-83	Asha Enviro	Valid Up to 04/07/2023

Terms & Conditions:

1. The above results pertain only to the sample tested.
2. This certificate in full or in part shall not be used for advertising or legal action.
3. Test Report cannot be re-produced except in full, without the written permission from the Laboratory.
4. The sample will be destroyed after 5 days & I months from the date of issue of test report for perishable & nonperishable stems respectively.
5. The above tested product no way implies that the product, process, services, management and system or perison is approved by NABL.
6. Fees 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.
7. MoBF & CC recognition valid till 15/01/2024.

Reviewed By

Kshitij Tamhane (TM Env.) **Authorized Signatory**

LBORA SHASTRINAGAR KEDGAON ONAGAR-

> Page 1 Of 1 END OF REPORT

Authorised By







TEST REPORT

R1.-R20-01C

			KL-K20-0
Report No.: RL/TR/2022/10-203			Issue Date: 07/11/2022
Name of Customer: M/S. METAROL	LS ISPAT PVT. LTD	SAMPLE REFERENCE	Œ
Address of Customer:		Sample Type	Stack Emission Monitoring
Gut No. 48, Adjacent to MIDC Phase-II, Daregaon, Jalna – 431213. Mobile- 7720003290 GSTIN- 27AADCM3474C1ZN		Your Reference	Verbal
		Reference Date	
		Sample ID	- Co
		Sample Location	Re-heating Furnace Stack
Sampling Plan Reference No.: 07/10		Latitude	- 4
Date & Time of Sampling: 28th Octobe	r 2022, 03.30 PM	Longitude	-
Codification No: RLC-10/188		Sample Collected By Stack Material	RAJAS LABORATORIES
STACK DETAILS:			MS
Stack ID	3	Fuel Consumption	2
Stack Height	30 Meters	Flue Gas Temperature	79.5°C
Stack Fuel	-	Flue Gas Velocity	4.2 m/s
Sample Received On: 29/10/2022	Analysis Start On: 29/10/2022	Completion of Analysis	07/11/2022

Sr. No.	Parameters	Result	Unit	Standard Values as per MPCB Consent	Analysis Method
.:	cal Testing- 1.2.3. Atmospheric Poll	ution (Stook	Emission)	Consent	
пен	near resting- 1.2.3. Atmospheric ron	ution (Stack	Emission		
1.	Sulfur Dioxide (SO ₂)	4.96	ppm	Not to exceed 80 ppm	IS 11255 (Part 2): 1985
2.	Total Particulate Matter (TPM)	62.35	mg/Nm ³	Not to exceed 150 mg/Nm ³	IS 11255 (Part 1): 1985
3.	Oxides of Nitrogen (NOx)	7.21	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-83	Asha Enviro	Valid Up to 04/07/2023

Terms & Conditions:

1. The above results pertain only to the sample tested.
2. This certificate in full or in part shall not be used for advertising or legal action.
3. Test Report cannot be re-produced except in full, without the written permission from the Laboratory.
4. The sample will be destroyed after 5 days & 1 months from the date of issue of test report for perishable & nonperishable items respectively.
5. The above tested product no way implies that the product, process, services, management and system or person is approved by NABL.
6. Fees 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 toxes shall be payable by the client.
7. MoEF & CC recognition valid till 15/01/2024.

Reviewed By

Kshitij Tamhane (TM Env.) **Authorized Signatory**

LABORA SHASTRINAGAR KEDGAON ONAGAR-A"

Page 1 Of 1 END OF REPORT Anthorised By







TEST REPORT

RL-R20-01D

Report No.: RL/TR/2022/10-204		Issue Date: 07/11/2022		
Name of Customer: M/S. METAROLLS ISPAT PVT, LTD		SAMPLE REFERENCE		
Address of Customer: Gut No. 48, Adjacent to MIDC Phase-II, Daregaon, Jalna – 431213. Mobile- 7720003290 GSTIN- 27AADCM3474C1ZN		Sample Type	Ambient noise level monitoring	
		Codification No	RLC-10/189	
		Your Reference	Verbal	
		Reference Date	- (Call)	
		Sample ID	1.7	
		Sample Location		
Sampling Plan Reference No.: 07/10 Date & Time of Sampling: 28th to 29th October 2022, 04.00 PM		Latitude		
		Longitude	A 7	
Sample Collected By: RAJAS LAB	ORATORIES		1	
Sample Received On: 29/10/2022	Analysis Start On: 29/10/2022	Completion of Anal	lysis: 07/11/2022	

			Unit	Standard Values as per general CPCB guidelines	Analysis Method
Chemical T	esting- 1.2.3. Atmospheric	Pollution (Ambi	ent Noise	Levels -Excluding vibration	1)
DAY					
1.	Main Gate	70.5	dD(A)		
2.	Admin Office	65.6	dB(A) 75		CPCB's Protocol for Ambient
NIGHT			Noise Level Monitoring:2015		
1.	Main Gate	65.4	1007.43	70	
2.	Admin Office	59.7	dB(A)	70	

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-92	HTC SL-1350	Valid Up to 04/07/2023

Terms & Conditions:

1. The above results pertain only to the sample tested
2. This certificate in full or in part shall not be used for selvertising or legal action.
3. Test Report cannot be re-produced except in full, without the written permission from the Laboratory.
4. The sample will be destroyed after 5 days & 1 months from the date of issue of test report for perishable & nonperishable name respectively.
5. The above tested product no way implies that the product, process, services, management and system or perison in approved by NABL.
6. Fees not established between the company and the elsent 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.
7. Mod-F & CC recognition valid till \$5:01/2024.

Reviewed By

Kshitij Tamhane (TM Env.) **Authorized Signatory**

SHASTRINAGAR ONAGAR-A

Page 1 Of 1 END OF REPORT Authorised By







TEST REPORT

RL-R20-01D

Report No.: RL/TR/2022/10-205			Issue Date: 07/11/2022	
Name of Customer: M/S. METAROLL	S ISPAT PVT. LTD	SAMPLE REFERE	ENCE	
Address of Customer: Gut No. 48, Adjacent to MIDC Phase-II, Daregaon, Jalna – 431213. Mobile- 7720003290		Sample Type	Work place noise monitoring	
		Codification No	RLC-10/190	
		Your Reference	Verbal	
GSTIN- 27AADCM3474C1ZN		Reference Date		
		Sample ID		
Sampling Plan Reference No.: 07/10		Latitude	-	
Date & Time of Sampling: 29th October 2022, 11.00 AM		Longitude		
Sample Collected By: RAJAS LAB	ORATORIES		(C)-"	
Sample Received On: 29/10/2022	Analysis Start On: 29/10/2022	Completion of Analy	vsis: 07/11/2022	

Sr. No.	Parameters	Result	Unit	Standard Values as per general CPCB guidelines	Analysis Method
200	The state of the s		Walter Company of the		
Chen	nical Testing- 1.2.3. Atmospheric	Pollution (Ambie	ent Noise Levels	-Excluding vibr	ation)
Chen 1.	Furnace Shed	70.2	ent Noise Levels	-Excluding vibr	
1.			dB(A)	-Excluding vibr	RL-SOP-C-34, Ver.001, Issue Date

Remark (If Any):

Sr. No.	Instrument ID	Make	Calibration Status
01.	RL/INS/NM/C-92	HTC SL-1350	Valid Up to 04/07/2023

Terms & Conditions:

1. The above results pertain only to the sample tested.
2. This certificate in full or in part shall not be used for advertising or legal action.
3. Test Report cannot be re-produced except in full, without the written permission from the Laboratory.
4. The sample will be destroyed after 5 days. & 1 months from the date of issue of test report for perishable & monperishable nems respectively.
5. The above tested product no way implies that the product, process, services, management and system or person is approved by NABL.
6. Foes 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.
7. ModF & CC recognition valid till 15/01/2024.

Reviewed By

Kshitij Tamhane (TM Env.) **Authorized Signatory**

SHASTRINAGAR KEDGAON ONAGAR-A

> Page 1 Of 1 END OF REPORT

Authorised By







TEST REPORT

Report	No.: RL/TR/2022/10-206				Issue Date: 07/11/2022
and the latest terminal transfer of the latest terminal transf	of Customer: M/S. METAROLLS ISP	AT PVT. LTD	SAMPLE	REFERENCE	
Addre	ess of Customer:		Sample Na	me	Surface Water
	o. 48, Adjacent to MIDC Phase-II, I	Daregaon Jalna - 4312	Nature of S	Sample	Colourless Clear Liquid
	e- 7720003290	our egueri, varia	Brand Nan	ne	-
	N- 27AADCM3474C1ZN		Batch No.		-
03111	N-2/AADCW34/4CIZN		Sample Co	ntainer	Plastic Container
			Sample Qu	terini di serini di Kamanananananananananananananananananana	Chemical-5 Liters & Biological – 1 Liter
			Mfg. Dt./U	A Section of the Contract of t	0.0%
	ng Method: RL-MSP-P38			mpling & Time	29/10/2022, 09:30 AM
	ng Plan: 07/10		Location o		Moti Pond
	Identification of the item: NA.			ntal Condition	Stored at 2-8°C
	ntion No: RLC-10/191 & RLM-10/39		Expiry Dat		1.
Sample	Collected By: RAJAS LABORATORIES		Mfg. By: -	-	
	Received On: 29/10/2022 Ana	lysis Start On: 29/10/2022	Completion	n of Analysis: 07/	1/2022
Sr. No.	Parameters	Results	Standard Values	Unit	Analysis Method
Chemic	eal Testing- 1.2.42. Water (Surface Water)			200	
1.	Colour	BDL [DL=1]	- 40	Hazen	IS 3025(Part 4):2021
2.	Temperature	23.2	-	°C	APHA 23rd EDITION:2017
3.	pH at 25°C	7.11	- FD V		IS 3025 (Part 11):1983 (Reaffirmed 2017)
4.	Calcium as Ca	31.22		mg/l	IS 3025 (Part 40):1991(Reaffirmed 2019)
5.	Magnesium as Mg	6.02	10.0	mg/l	APHA 23rd EDITION:2017
6.	Chloride as Cl	39.25		mg/l	IS 3025 (Part 32): 1988 (Reaffirmed 2019
7.	Total Alkalinity as CaCO3	128.32		mg/l	IS 3025 (Part 23): 1986 (Reaffirmed -2019
8.	Total Dissolved Solid at 180°C	217.14	9 -	mg/l	IS 3025 (Part 16): 1984 (Reaffirmed 2017
9.	Total Hardness as CaCO ₃	106.69	-	mg/l	IS 3025 (Part 21): 2009 (Reaffirmed 2019
10.	Turbidity	BDL [DL=1]		NTU	IS 3025 (Part 10): 1984 (Reaffirmed 2017
11.	Electrical Conductivity at 25°C	426.91		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 ₄)	44.56	-	mg/l	IS 3025(Part 24):1986 (Reaffirmed 2009)
14.	Ammonia (as NH ₃)	BDL [DL=0.1]	-	mg/l	APHA 23rd EDITION:2017 4500-NH3 C
15.	Nitrate (as NO ₃ ')	1.02		mg/l	IS 3025(Part 34):1988 (Reaffirmed 2019)
16.	Nitrite (as NO ₂ ')	BDL [DL=1]	-	mg/l	IS 3025(Part 34):1988 (Reaffirmed 2019)
17.	Phosphate (as PO ₄)	1.36		mg/l	IS 3025(Part 31):1988 (Reaffirmed 2021)
18.	Dissolved Oxygen	5.98	•	mg/l	APHA 23rd EDITION:2017
19.	Calcium Hardness	75.35	-	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)	39.87		mg/l	IS 3025 (Part 45): 1993 (Reaffirmed -2019
22.	Potassium (as K)	6.33	-	mg/l	IS 3025 (Part 45): 1993 (Reaffirmed -2019
23.	Chemical Oxygen Demand (COD)	29.00	-	mg/l	IS 3025 (Part 58) (Reaffirmed - 2017)
24.	Biochemical Oxygen Demand (BOD)	6.00		mg/l	IS 3025 (Part 44) (Reaffirmed - 2019)
Biologic	cal Testing- 1.1.28, Water (Surface Water)	The second secon			
1.	Total coliform	1600	•	MPN/100ml	1S 1622-1981 (Reaffirmed-2019)
2.	Faecal coliform	1600		MPN/100ml	IS 1622-1981 (Reaffirmed-2019)
3.	E. coli	Present		MPN/100ml	IS 1622-1981 (Reaffirmed-2019)

Remark (If Any):

Terms & Conditions:

Reviewed By

Lomate (TM Chem) & Pawar (TM Micro)

Authorized Signatory

KEDGAON Authorised By

> Raju Ghule (LMR) **Authorized Signatory**

Page 1 Of 1







TEST REPORT

Report 1	No.: RL/TR/2022/10-207					Issue Date: 07/11/2022
Action to the last of the last	f Customer: M/S. METAROLLS ISPAT	PVT. LTD	8	AMPLE	REFERENCE	
NAME AND ADDRESS OF TAXABLE PARTY.	ss of Customer:		S	ample Nar	ne	Ground Water
Gut No	. 48, Adjacent to MIDC Phase-II, Dare	egaon Jalna - 4312	13	Nature of Sample		Colourless Clear Liquid
	- 7720003290	oguon, suma 1512	I	Brand Name		
	- 27AADCM3474C1ZN		I	Batch No.		-
021114	- 2/AADCM34/4C1ZN		S	sample Cor	ntainer	Plastic Container
				ample Qua	intity	Chemical-5 Liters & Biological - 1 Liter
					sed By	- 4
	Method: RL-MSP-P38		1	Date of San	npling & Time	29/10/2022, 10:00 AM
Sampling	g Plan: 07/10		1	ocation of	Sampling	Daregaon Village
	dentification of the item: NA.		E	invironmer	ntal Condition	Stored at 2-8°C
Codificat	tion No: RLC-10/192 & RLM-10/40		I	xpiry Date		1. 9
Sample C	Collected By: RAJAS LABORATORIES		N	Afg. By: -		
Sample F	Received On: 29/10/2022 Analysis	s Start On: 29/10/2022	(Completion	of Analysis: 07/	11/2022
Sr. No.	Parameters	Results	Standard	Values	Unit	Analysis Method
	d Testing- 1.2.42. Water (Ground Water)			- 4	- D	
1.	Colour	BDL [DL=1]			Hazen	IS 3025(Part 4):2021
2.	Temperature	24.5		a W	°C	APHA 23rd EDITION:2017
3.	pH at 25°C	7.14	- 46.		-	IS 3025 (Part 11):1983 (Reaffirmed 2017)
4.	Calcium as Ca	89.63	-		mg/l	IS 3025 (Part 40):1991(Reaffirmed 2019)
5.	Magnesium as Mg	27.55	A No.		mg/l	APHA 23rd EDITION:2017
6.	Chloride as Cl	106.36	War 18-		mg/l	1S 3025 (Part 32): 1988 (Reaffirmed 2019)
7.	Total Alkalinity as CaCO3	191.22			mg/l	IS 3025 (Part 23): 1986 (Reaffirmed -2019
8.	Total Dissolved Solid at 180°C	374.34			mg/l	1S 3025 (Part 16): 1984 (Reaffirmed 2017)
9.	Total Hardness as CaCO ₃	198,63		ā	mg/l	IS 3025 (Part 21): 2009 (Reaffirmed 2019)
10.	Turbidity	1.44			NTU	1S 3025 (Part 10): 1984 (Reaffirmed 2017)
11.	Electrical Conductivity at 25°C	905.69			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 ₄)	41.69			mg/l	IS 3025(Part 24):1986 (Reaffirmed 2009)
14.	Ammonia (as NH ₃)	BDL [DL=0.1]			mg/l	APHA 23rd EDITION:2017 4500-NH3 C
15.	Nitrate (as NO ₃)	BDL [DL=1]		3	mg/l	IS 3025(Part 34):1988 (Reaffirmed 2019)
16.	Nitrite (as NO ₂ ')	BDL [DL=1]			mg/l	IS 3025(Part 34):1988 (Reaffirmed 2019)
17.	Phosphate (as PO ₄)	1.48			mg/l	IS 3025(Part 31):1988 (Reaffirmed 2021)
18.	Dissolved Oxygen	1.66			mg/l	APHA 23rd EDITION:2017
19.	Calcium Hardness	69.55			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)	97.41			mg/l	IS 3025 (Part 45): 1993 (Reaffirmed -2019
22.	Potassium (as K)	11.41			mg/l	IS 3025 (Part 45): 1993 (Reaffirmed -2019
23.	Chemical Oxygen Demand (COD)	28.00			mg/l	IS 3025 (Part 58) (Reaffirmed - 2017)
24.	Biochemical Oxygen Demand (BOD)	7.00	10	2	mg/l	1S 3025 (Part 44) (Reaffirmed - 2019)
Biologica	al Testing- 1.1.28. Water (Ground Water)	.,				
1.	Total coliform	110			MPN/100ml	1S 1622-1981 (Reaffirmed-2019)
2.	Faecal coliform	2			MPN/100ml	IS 1622-1981 (Reaffirmed-2019)
3.	E. coli	Absent			MPN/00ml	IS 1622-1981 (Reaffirmed-2019)

Remark (If Any):

Terms & Conditions:

Reviewed By

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

Page 1 Of 1

SHASTRINAGAR

KEDGAON

ONAGAR:

Authorised By

Raju Ghule (LMR)

Authorized Signatory







TEST REPORT

Report No.: RL/TR/2022/11-466			Issue Date: 30/11/2022	
Name of Customer: M/S. METAROLI	S ISPAT PVT, LTD	SAMPLE REFERENCE		
Address of Customer:		Sample Type	Ambient air quality monitoring	
Gut No. 48, Adjacent to MIDC Phas	se-II, Daregaon, Jalna - 431213.	Your Reference	Verbal	
Mobile- 7720003290		Reference Date	-	
GSTIN- 27AADCM3474C1ZN		Sample ID		
Sampling Plan Reference No.: 05/11		Sample Location Latitude Longitude	Near Main Gate	
Date & Time of Sampling: 22nd to 23rd?	November 2022, 10:00 AM			
Codification No: RLC-11/457			. 6.00	
ENVIRONMENTAL CONDITIONS:		Sample Collected By	RAJAS LABORATORIES	
Min. Temperature	22°C	Min. Rel. Humidity	46.0%	
Max. Temperature	28°C	Max. Rel. Humidity	53.0%	
Sample Received On: 23/11/2022	Analysis Start On: 23/11/2022	Completion of Analys	Control of the Contro	

Sr. No.	Parameters	Result	Unit	Standard Values as per NAAQMS	Analysis Method
Chemi	cal Testing- 1.2.3. Atmospheric Pollution	n (Ambient Air)		1	V
1.	Sulfur Dioxide (SO ₂)	26.38	μg/m³	80	IS 5182 (Part 2):2001
2.	Oxides of Nitrogen (NOx)	39.89	μg/m³	80	IS 5182 (Part 6):2006
3.	Particulate Matter 10 (µ) (PM 10)	90.02	μg/m³	100	IS 5182 (Part 23):2006
4.	Particulate Matter 2.5 (µ) (PM 2.5)	44.56	μg/m³	60	CPCB Guidelines: NAAQMS/36/2012-13
5.	Ozone (O ₃)	11.88	μg/m³	100	IS 5182 (Part 9):1974
6.	Ammonia (NH ₃)	23.09	μg/m³	400	CPCB Guidelines: NAAQMS/36/2012-13
7.	Benzene (C ₆ H ₆)	BDL [DL = 0.1]	μg/m³	5	IS 5182 (Part 11):2006
8.	Benzo-a-pyrene (BaP)	BDL [DL = 0.5]	ng/m³	1	CPCB Guidelines: NAAQMS/36/2012-13
9.	Carbon Monoxide (CO)	1.53	mg/m³	4	IS 5182 (Part 10):1999
10.	Lead (Pb)	BDL [DL = 0.1]	μg/m³	1	IS 5182 (Part 22):2004
11.	Arsenic (As)	BDL [DL = 2]	ng/m³	6	CPCB Guidelines: NAAQMS/36/2012-13
12.	Nickel (Ni)	BDL [DL = 5]	ng/m³	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-83	Asha Enviro	Valid Up to 04/07/2023
02.	RL/INS/FDS/C-87	Asha Enviro	Valid Up to 04/07/2023

Terms & Conditions:

1. The above results pertain only to the sample tested.
2. This certificate in full or in part shall not be used for advertising or legal action.
3. Test Report cannot be re-produced except in full, without the written permission from the Laboratory.
4. The sample will be destroyed after 5 days & 1 months frost the date of issue of test report for perishable & nonperishable items respectively.
5. The above seated product no way implies that the product, process, services, management and system or person is approved by NABL.
5. For sort established between the company and the client of the time the order is placed or contract is assertimeted shall be at the company of the first of the time the order is placed or contract is assertimeted shall be at the company. standard rate (Which are subject to change) and all applicable taxes shall be payable by the client.

Reviewed By

Kshitij Tamhane (TM Env.) Authorized Signatory

ABORA SHASTRINAGAR KEDGAON ONAGAR

> Page 1 Of 1 END OF REPORT

Kuthorised By







TEST REPORT

RI_R20-01B

D N. DI (TD) (2022/11 1/2			KL-K20-0	
Report No.: RL/TR/2022/11-467			Issue Date: 30/11/2022	
Name of Customer: M/S. METAROLI	LS ISPAT PVT. LTD	SAMPLE REFERENCE		
Address of Customer:		Sample Type	Ambient air quality monitoring	
Gut No. 48, Adjacent to MIDC Phas	se-II, Daregaon, Jaina - 431213.	Your Reference	Verbal	
Mobile- 7720003290		Reference Date	-	
GSTIN-27AADCM3474C1ZN		Sample ID	-	
Sampling Plan Reference No.: 05/11		Sample Location	Furnace Shed	
Date & Time of Sampling: 22nd to 23rd?	November 2022, 10:20 AM	Latitude		
Codification No: RLC-11/458		Longitude	- 660	
ENVIRONMENTAL CONDITIONS:		Sample Collected By	RAJAS LABORATORIES	
Min. Temperature	24°C	Min. Rel. Humidity	41.0%	
Max. Temperature	29°C	Max. Rel. Humidity	54.0%	
Sample Received On: 23/11/2022	Analysis Start On: 23/11/2022	Completion of Analys	is: 30/11/2022	

Sr. No.	Parameters	Result	Unit	Standard Values as per NAAQMS	Analysis Method
Chemi	cal Testing- 1.2.3. Atmospheric Pollution	(Ambient Air)		13	
1.	Sulfur Dioxide (SO ₂)	19.89	μg/m³	80	IS 5182 (Part 2):2001
2.	Oxides of Nitrogen (NOx)	32.05	μg/m³	80	IS 5182 (Part 6):2006
3.	Particulate Matter 10 (µ) (PM 10)	85,91	μg/m³	100	IS 5182 (Part 23):2006
4.	Particulate Matter 2.5 (µ) (PM 2.5)	34.82	μg/m³	60	CPCB Guidelines: NAAQMS/36/2012-13
5.	Ozone (O ₃)	9.08	μg/m³	100	IS 5182 (Part 9):1974
6.	Ammonia (NH ₃)	21.41	μg/m³	400	CPCB Guidelines: NAAQMS/36/2012-13
7.	Benzene (C ₆ H ₆)	BDL [DL = 0.1]	μg/m³	5	IS 5182 (Part 11):2006
8.	Benzo-a-pyrene (BaP)	BDL [DL = 0.5]	ng/m³	1	CPCB Guidelines: NAAQMS/36/2012-13
9.	Carbon Monoxide (CO)	0.72	mg/m³	4	IS 5182 (Part 10):1999
10.	Lead (Pb)	BDL [DL = 0.1]	μg/m³	1	IS 5182 (Part 22):2004
11.	Arsenic (As)	BDL [DL = 2]	ng/m³	6	CPCB Guidelines: NAAQMS/36/2012-13
12.	Nickel (Ni)	BDL [DL = 5]	ng/m³	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-90		Asha Enviro	Valid Up to 04/07/2023	
02.	RL/INS/FDS/C-91	Asha Enviro	Valid Up to 04/07/2023	

Terms & Conditions:

1. The above results pertain only to the sample tested.
2. This certificate in full or in part shall not be used for advertising or legal action.
3. Test Report cannot be re-produced except in full, without the written permission from the Laboratory.
4. The sample will be destroyed after 5 days & 1 months from the date of issue of test report for perishable & nonperishable items respectively.
5. The above tested product no way implies that the product, process, services, management and systems or person is approved by NABL.
6. Fees not established between the company and the client at the time the order is placed or contract is near-insteal aball be at the company's sti.
7. Mobil & CC recognition valid till 15/01/2024. dard rate (Which are subject to change) and all applicable taxes shall be payable by the client.

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Kshitij Tamhane (TM Env.) **Authorized Signatory**

ABORA SHASTRINAGAR KEDGAON DNAGAR-

Page 1 Of 1 END OF REPORT Authorised By







TEST REPORT

RI_R20_01R

Report No.: RL/TR/2022/11-468			Issue Date: 30/11/2022	
Name of Customer: M/S. METAROLI	S ISPAT PVT. LTD	SAMPLE REFERENCE		
Address of Customer:		Sample Type	Ambient air quality monitoring	
Gut No. 48, Adjacent to MIDC Phas	se-II, Daregaon, Jalna – 431213.	Your Reference	Verbal	
Mobile- 7720003290	DE PAGE PAGE DE COMMUNE V AN ESCRIPTIVA COMPANIA DE VINDA PAGE PAGE PAGE PAGE PAGE PAGE PAGE PAG	Reference Date	-	
GSTIN- 27AADCM3474C1ZN		Sample ID	-	
Sampling Plan Reference No.: 05/11		Sample Location	Rolling Mill Shed	
Date & Time of Sampling: 22nd to 23rd N	November 2022, 11:00 AM	Latitude		
Codification No: RLC-11/459		Longitude		
ENVIRONMENTAL CONDITIONS:		Sample Collected By	RAJAS LABORATORIES	
Min. Temperature	22°C	Min. Rel. Humidity	45.0%	
Max. Temperature	27°C	Max. Rel. Humidity	56.0%	
Sample Received On: 23/11/2022	Analysis Start On: 23/11/2022	Completion of Analys	is: 30/11/2022	

Sr. No.	Parameters	Result	Unit	Standard Values as per NAAQMS	Analysis Method
Chemi	cal Testing- 1.2.3. Atmospheric Pollution	n (Ambient Air)		19	~
I.	Sulfur Dioxide (SO ₂)	15.01	μg/m³	80	IS 5182 (Part 2):2001
2.	Oxides of Nitrogen (NOx)	35.98	μg/m³	80	IS 5182 (Part 6):2006
3.	Particulate Matter 10 (µ) (PM 10)	81.29	μg/m³	100	IS 5182 (Part 23):2006
4.	Particulate Matter 2.5 (µ) (PM 2.5)	37.66	μg/m³	60	CPCB Guidelines: NAAQMS/36/2012-13
5.	Ozone (O ₃)	7.23	μg/m³	100	IS 5182 (Part 9):1974
6.	Ammonia (NH ₃)	25.98	μg/m³	400	CPCB Guidelines: NAAQMS/36/2012-13
7.	Benzene (C ₆ H ₆)	BDL [DL = 0.1]	μg/m³	5	IS 5182 (Part 11):2006
8.	Benzo-a-pyrene (BaP)	BDL [DL = 0.5]	ng/m³	1	CPCB Guidelines: NAAQMS/36/2012-13
9.	Carbon Monoxide (CO)	0.79	mg/m³	4	IS 5182 (Part 10):1999
10.	Lead (Pb)	BDL [DL = 0.1]	μg/m³	1	IS 5182 (Part 22):2004
11.	Arsenic (As)	BDL [DL = 2]	ng/m³	6	CPCB Guidelines: NAAQMS/36/2012-13
12.	Nickel (Ni)	BDL [DL = 5]	ng/m³	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:

1. The above results pertain only to the sample tested.
2. This certificate in full or in part shall not be used for advertising or legal action.
3. Test Report cannot be re-produced except in full, without the written permission from the Luboratory.
4. The sample will be destroyed after 5 days & 1 morths from the date of issue of test report for periodable items respectively.
5. The above tested product no way implies that the product, process, services, management and system or person is approved by NABL.
6. Fees not established between the company and the client at the time the order is placed or contract is negatiated shall be at the company's standard rate (Which are subject to change) and all applicable taxes shall be payable by the client.
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Page 1 Of 1 END OF REPORT Authorised By







TEST REPORT

Report No.: RL/TR/2022/11-469			RL-R20-0 Issue Date: 30/11/2022	
Name of Customer: M/S. METAROLI	LS ISPAT PVT. LTD	SAMPLE REFERENCE		
Address of Customer:		Sample Type	Stack Emission Monitoring	
Gut No. 48, Adjacent to MIDC Pha	se-II, Daregaon, Jalna – 431213.	Your Reference	Verbal	
Mobile- 7720003290		Reference Date	-	
GSTIN- 27AADCM3474C1ZN		Sample ID	-	
		Sample Location	Induction Furnace Stack - 1	
Sampling Plan Reference No.: 05/11		Latitude		
Date & Time of Sampling: 22nd Novem	ber 2022, 11:00 AM	Longitude		
Codification No: RLC-11/460		Sample Collected By	RAJAS LABORATORIES	
STACK DETAILS:		Stack Material	MS	
Stack ID	1	Fuel Consumption		
Stack Height	35 Meters	Flue Gas Temperature	97.°C	
Stack Fuel	-	Flue Gas Velocity	2.4 m/s	
Sample Received On: 23/11/2022	Analysis Start On: 23/11/2022	Completion of Analysis:		

Sr. No.	Parameters	Result	Unit	Standard Values as per MPCB Consent	Analysis Method
Chem	ical Testing- 1.2.3. Atmospheric Poll	ution (Stack	Emission)		
1.	Sulfur Dioxide (SO ₂)	1.88	ppm	Not to exceed 80 ppm	IS 11255 (Part 2): 1985
2.	Total Particulate Matter (TPM)	36.58	mg/Nm ³	Not to exceed 150 mg/Nm ³	IS 11255 (Part 1): 1985
3.	Oxides of Nitrogen (NOx)	3.65	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-83	Asha Enviro	Valid Up to 04/07/2023

Terms & Conditions:

1. The above results pertain only to the sample fested
2. This certificate in full or in part shall not be used for advertising or legal action.
3. Test Report cannot be re-produced except in full, without the written permission from the Laboratory.
4. The sample will be destroyed after 3 days & 1 months from the date of issue of test report for perishable items respectively.
5. The above tested product no way implies that the product, process, services, management and system or person is approved by NAEL.
6. Fees 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 tuses shall be payable by the client.
7. ModP & CC recognition valid till 15/01/2024.

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> Page 1 Of 1 END OF REPORT

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TEST REPORT

D N. DI /TD /2022/11 170			RL-R20-0
Report No.: RL/TR/2022/11-470			Issue Date: 30/11/2022
Name of Customer: M/S. METAROL	LS ISPAT PVT. LTD	SAMPLE REFERENCE	
Address of Customer:		Sample Type	Stack Emission Monitoring
Gut No. 48, Adjacent to MIDC Pha	se-II, Daregaon, Jalna – 431213.	Your Reference	Verbal
Mobile- 7720003290		Reference Date	-
GSTIN-27AADCM3474C1ZN		Sample ID	-
		Sample Location	Induction Furnace Stack - 2
Sampling Plan Reference No.: 05/11		Latitude	- 460
Date & Time of Sampling: 22nd Novem	ber 2022, 12:30 PM	Longitude	. // /
Codification No: RLC-11/461		Sample Collected By	RAJAS LABORATORIES
STACK DETAILS:		Stack Material	MS
Stack ID	2	Fuel Consumption	-
Stack Height	35 Meters	Flue Gas Temperature	98.4°C
Stack Fuel	-	Flue Gas Velocity	3.7 m/s
Sample Received On: 23/11/2022	Analysis Start On: 23/11/2022	Completion of Analysis:	100000000000000000000000000000000000000

Sr. No.	Parameters	Result	Unit	Standard Values as per MPCB Consent	Analysis Method
Chem	ical Testing- 1.2.3. Atmospheric Poll	ution (Stack	Emission)	7	
1.	Sulfur Dioxide (SO ₂)	2.74	ppm	Not to exceed 80 ppm	IS 11255 (Part 2): 1985
2.	Total Particulate Matter (TPM)	47.52	mg/Nm ³	Not to exceed 150 mg/Nm ³	IS 11255 (Part 1): 1985
3.	Oxides of Nitrogen (NOx)	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
0.1	DV (IN IC IOTEXT IC OA	- Time	Cambiation Status
01.	RL/INS/STK/C-83	Asha Enviro	Valid Up to 04/07/2023

Terms & Conditions:

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3. Test Report cannot be re-produced except in full, without the written permission from the Laboratory.
4. The sample will be destroyed after \$\frac{2}{3}\text{ays & 1}\$ months from the date of issue of test report for perishable & nonperishable items respectively.
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6. Fees 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 star 7. MoEF & CC recognition valid tall 15:01/2024. standard rate (Which are subject to change) and all applicable taxes shall be payable by the client.

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> Page 1 Of 1 END OF REPORT

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TEST REPORT

Papart No. BI (TR/2022/11 471			RL-R20-0
Report No.: RL/TR/2022/11-471			Issue Date: 30/11/2022
Name of Customer: M/S. METAROLI	LS ISPAT PVT. LTD	SAMPLE REFERENCE	CE
Address of Customer:		Sample Type	Stack Emission Monitoring
Gut No. 48, Adjacent to MIDC Pha	se-II, Daregaon, Jalna – 431213.	Your Reference	Verbal
Mobile- 7720003290		Reference Date	
GSTIN- 27AADCM3474C1ZN		Sample ID	
		Sample Location	Re-heating Furnace Stack
Sampling Plan Reference No.: 05/11		Latitude	· P-
Date & Time of Sampling: 22nd Novem	ber 2022, 02:00 PM	Longitude	
Codification No: RLC-11/462		Sample Collected By	RAJAS LABORATORIES
STACK DETAILS:		Stack Material	MS
Stack ID	3	Fuel Consumption	
Stack Height	30 Meters	Flue Gas Temperature	102.4°C
Stack Fuel	-	Flue Gas Velocity	3.9 m/s
Sample Received On: 23/11/2022	Analysis Start On: 23/11/2022	Completion of Analysis:	

Sr. No.	Parameters	Result	Unit	Standard Values as per MPCB Consent	Analysis Method
T	ical Testing- 1.2.3. Atmospheric Poll	ution (Stack	Emission)		
1.	Sulfur Dioxide (SO ₂)	2.87	ppm	Not to exceed 80 ppm	IS 11255 (Part 2): 1985
2.	Total Particulate Matter (TPM)	42.56	mg/Nm ³	Not to exceed 150 mg/Nm ³	IS 11255 (Part 1): 1985
3.	Oxides of Nitrogen (NOx)	3.69	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-83	Asha Enviro	Valid Up to 04/07/2023

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5. The above tested product no way simplies that the product, process, services, management and system or person is approved by NASI.
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7. MoEF & CC recognition valid till 15/01/2024.

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> Page 1 Of 1 END OF REPORT

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TEST REPORT

PI_R20_01D

Report No.: RL/TR/2022/11-472			Issue Date: 30/11/2022	
Name of Customer: M/S. METAROLLS ISPAT PVT. LTD		SAMPLE REFERENCE		
Address of Customer:		Sample Type	Ambient noise level monitoring	
Gut No. 48, Adjacent to MIDC Phas	se-II, Daregaon, Jalna – 431213.	Codification No	RLC-11/463	
Mobile- 7720003290		Your Reference	Verbal	
GSTIN-2/AADCM3474C1ZN	GSTIN- 27AADCM3474C1ZN		-	
		Sample ID	-	
		Sample Location	. //-	
Sampling Plan Reference No.: 05/11		Latitude		
Date & Time of Sampling: 22nd to 23rd November 2022, 11:50 AM Sample Collected By: RAJAS LABORATORIES		Longitude		
Sample Received On: 23/11/2022	Analysis Start On: 23/11/2022	Completion of Anal	ysis: 30/11/2022	

Sr. No.	Parameters	Result	Unit	Standard Values as p general CPCB guideli	CARRIAGO INTERRIBUTI
	Testing- 1,2.3. Atmospheric	Pollution (Ambi	ent Noise	Levels -Excluding vibr	ation)
DAY				-	
1.	Main Gate	68.5	IDCAN		
2.	Admin Office	61.4	dB(A)	75	CPCB's Protocol for Ambient
NIGHT				100	Noise Level Monitoring:2015
1.	Main Gate	61.1	maria		
2.	Admin Office	58,9	dB(A)	70	

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

Sr. No.	Instrument ID	Make	Calibration Status Valid Up to 04/07/2023	
01.	RL/INS/NM/C-92	HTC SL-1350		

Terms & Conditions:

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3. Test Report cannot be re-produced except in full, without the written permission from the Luboestory.
4. The sample will be destroyed after 5 days & 1 months from the date of insue of feet report for perishable items respectively.
5. The above tested product no way implicit with the product, process, services, missignment and system or person is approved by NAEL.
6. Fees 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.
7. Modif & CC recognition valid till 15:01/2024.

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Page 1 Of 1 END OF REPORT Authorised By







TEST REPORT

L-R		

Report No.: RL/TR/2022/11-473			Issue Date: 30/11/2022	
Name of Customer: M/S. METAROLLS ISPAT PVT. LTD		SAMPLE REFERENCE		
Address of Customer:	WARRINGS ATTE CHROTISSIAN	Sample Type	Work place noise monitoring	
Gut No. 48, Adjacent to MIDC Phase	se-II, Daregaon, Jalna – 431213.	Codification No	RLC-11/464	
Mobile- 7720003290		Your Reference	Verbal	
GSTIN- 27AADCM3474C1ZN		Reference Date		
		Sample ID		
Sampling Plan Reference No.: 05/11		Latitude	- Co	
Date & Time of Sampling: 22nd November 2022, 02:45 PM		Longitude		
Sample Collected By: RAJAS LABORATORIES			5/1	
Sample Received On: 23/11/2022	eived On: 23/11/2022 Analysis Start On: 23/11/2022 Completion of Analysis: 30/11/2022		sis: 30/11/2022	

Sr. No.	Parameters	Result	Unit	Standard Values as per general CPCB guidelines	Analysis Method
Cher	nical Testing- 1.2.3. Atmospheric	Pollution (Ambie	nt Noise Levels	-Excluding vibr	ration)
				Excitating vibi	ation)
1.	Furnace Shed	69.5	40	Lactuding vibi	The second secon
			dB(A)	90	RL-SOP-C-34, Ver.001, Issue Date 01 April:2022

Remark (If Any):

Sr. No.	Instrument ID	Make	Calibration Status
01.	RL/INS/NM/C-92	HTC SL-1350	Valid Up to 04/07/2023

Terms & Conditions:

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2. This certificate in full or in part shall not be used for advertising or legal nettor.
3. Test Report cannot be re-produced except in full, without the written permission from the Laboratory.
4. The sample will be destroyed after 5 days & 1 months from the date of issue of test report for perishable & nonperishable issues respectively.
5. The above tested product no way implies that the product, process, services, manigement and system or perison is approved by NASI.
6. Fees not established between the company and the client at the time the order as 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.
7. MoDF & CC recognition valid till 15:01:2004.

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RAJAS LABORATORIES

Recognized by AGMARK, MoEF & 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-R20-01A

Report No.	: RL/TR/2022/11-474				RL-R2
Name of Cu	stomer: M/S. METAROLLS ISPAT P	VT LTD	CAMPARE	EFERENCE	Issue Date: 30/11/20
Address of	Customer:	11. LLD	Sample Nan		16.6 W.
Gut No. 48,	Adjacent to MIDC Phase-II, Daregaon,	Jalna – 431213.	Nature of Si		Surface Water
Mobile- 772	0003290				Colourless Clear Liquid
GSTIN- 27A	AADCM3474C1ZN		Brand Name		
			Batch No.		-
			Sample Con	The state of the s	Plastic Container
			Sample Qua Mfg. Dt/Us	anne fear-	Chemical-5 Liters & Biological – 1 Liter
Sampling Me	ethod: RL-MSP-P38			pling & Time	23/11/2022_09:38 AM
Sampling Pla	an: 05/11		Location of	The second second	Moti Pond
Unique Ident	tification of the item: NA.		Environmen	4	Stored at 2-8°C
	No: RLC-11/465 & RLM-11/97		1972/10/04/1970	ai Condition	
Sample Colle	ected By: RAJAS LABORATORIES		Expiry Date Mfg. By: -		
	rived On: 23/11/2022	1 1 1 0 0 0 000			
Sr.	erved On: 25/11/2022	Analysis Start On: 23/11/2022	Completion	of Analysis: 30/11/2	2022
No.	Parameters	Results	Standard Values	Unit	Analysis Method
Themical To	esting- 1.2.42. Water (Surface Water)				
1.	Colour	BDL [DL-1]		Hazen	IS 3025(Part 4):2021
2.	Temperature	23.1		%	APHA 23rd EDITION:2017
3.	pH at 25°C	7.62		-	1S 3025 (Part 11):1983 (Reaffirmed 2017)
4.	Calcium as Ca	43.24	. 1	mg/l	1S 3025 (Part 40):1991(Renffirmed 2019)
5.	Magnesium as Mg	17.62		mg/l	APHA 23rd EDITION:2017
6.	Chloride as Cl	46.00		mg/l	IS 3025 (Part 32): 1988 (Reaffirmed 2019)
7.	Total Alkalinity as CaCO3	184.82		mg/l	IS 3025 (Part 23): 1986 (Reaffirmed -2019)
8.	Total Disselved Solid at 180°C	305.00	A V	mg/l	IS 3025 (Part 16): 1984 (Reaffirmed 2017)
9.	Total Hardness as CaCO ₃	180.00		mg/l	IS 3025 (Part 21): 2009 (Reaffirmed 2019)
10.	Turbidity	2.2	-	NTU	IS 3025 (Part 10): 1984 (Reaffirmed 2017)
11.	Electrical Conductivity at 25°C	215.00	PAGE AND ADDRESS OF THE PAGE A	µS/em	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 ₄)	45.08		mg/l	1S 3025(Part 24):1986 (Reaffirmed 2009)
14.	Ammonia (as NH ₃)	BDL [DL-0.1]		mg/l	APHA 23rd EDITION: 2017 4500-NH ₃ C
15.	Nitrate (as NO ₃ *)	1.20		mg/I	IS 3025(Part 34):1988 (Reaffirmed 2019)
16.	Nitrite (as NO ₂)	BDL [DL-1]		mg/l	IS 3025(Part 34):1988 (Reaffirmed 2019)
17,	Phosphate (as PO ₄)	1,66		mg/I	IS 3025(Part 31):1988 (Reaffirmed 2021)
18,	Dissolved Oxygen	7.80	4	mg/l	APHA 23rd EDITION:2017
19.	Calcium Hardness	106.00		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)	7.13		mg/l	IS 3025 (Part 45): 1993 (Reaffirmed -2019)
23.	Chemical Oxygen Demand (COD		+	mg/l	IS 3025 (Part 58) (Reaffirmed - 2017)
24.	Biochemical Oxygen Demand (BOI	8.00		mg/l	IS 3025 (Part 44) (Reaffirmed - 2019)
	esting-1.1.28, Water (Surface Water)			1	
1.	Total coliform	1600		MPN/100ml	IS 1622-1981 (Reaffirmed-2019)
2.	Faecal coliform	1600		MPN/100ml	IS 1622-1981 (Reaffirmed-2019)
3.	(If Any):	Present		MPN/100ml	IS 1622-1981 (Reaffirmed-2019)

Remark (If Any):

Terms & Conditions:

This certificate is full or in part shall not be used for advertising or legal:
 Test Report commit be reconstructed as well as full states the states of the stat

Test Report carnot be re-produced except in full, without the written permission from the Laboratory.
 The sample will be destroyed after 5 days & 1 months from the date of some of test report for particulable &

The above torsed product no way implies that the product, process, services, management and system or p

Pear not established between the overpray and the chant at the time the order.
 MoEF & CC reorganism valid till 15/01/2024.

Reviewed By

Lomate (TM Chem) & Pawar (TM Micro)

Authorized Signatory

SHASTRINAGAR KEDGAON

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Thick are subject to change) and all applicable taxographs be psychle by the che

Authorised By

Raju Ghule (LMR) Authorized Signatory

Page 1 Of 1 END OF REPORT

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TEST REPORT

RL-R20-01A

omer: M/S. METAROLLS ISPAT PV	r. LTD	- 17	CANDLE D	EFERENCE	Issue Date: 30/11/20
ustomer:				237 201 3 211 1 21 20	C1W-t
djacent to MIDC Phase-II, Daregaon, Ja	lna – 431213.		The second second		Ground Water
003290			Brand Name		Colourless Clear Liquid
ADCM3474C1ZN		-			
			material and telephone and the second		-
					Plastic Container
					Chemical-5 Liters & Biological - 1 Liter
L. J. DI. MOD 1990					- 6
			-		23/11/2022, 10:10 AM
					Daregnon Village
		1	invironment	al Condition	Stored at 2-8°C
ted By: RAJAS LABORATORIES)	Mfg. By: -		
ved On: 23/11/2022	Analysis Start On: 23/11/2022	(Completion o	of Analysis: 30/11/2	022
Parameters	Results	1			
		Standard	Values	Unit	Analysis Method
	BDL {DL=1}			Hazen	IS 3025(Part 4):2021
The second secon	24.5			°C	APHA 23rd EDITION: 2017
pH at 25°C	8.11	-	670	- F	IS 3025 (Part 11):1983 (Reaffirmed 2017)
The state of the s	85.36		10	mg/l	IS 3025 (Part 40):1991(Reaffirmed 2019)
Magnesium as Mg	27.56			mg/l	APHA 23rd EDITION:2017
Chloride as Cl	112.00	-	A CONTRACT	mg/l	IS 3025 (Part 32): 1988 (Reaffirmed 2019)
Total Alkalinity as CaCO3	187.91	-			IS 3025 (Part 23): 1986 (Reaffirmed -2019)
Total Dissolved Solid at 180°C	365.00	100	7		IS 3025 (Part 16): 1984 (Reaffirmed 2017)
Total Hardness as CaCO ₃	298.14				1S 3025 (Part 21): 2009 (Reaffirmed 2019)
Turbidity	1.20	-		The second secon	1S 3025 (Part 10): 1984 (Reaffirmed 2017)
Electrical Conductivity at 25°C	388.00				IS 3025 (Part 14):1984 (Reaffirmed 2019)
Fluoride (as F)	BDL (DL=0.1)	10			IS 3025(Part 60): 2008
Sulphate (as SO ₁)	The second section of the second section is a second section of the second section section is a second section of the second section s				IS 3025(Part 24):1986 (Reaffirmed 2009)
Ammonia (as NH ₃)					APHA 23rd EDITION: 2017 4500-NH ₂ C
Nitrate (as NO ₅)					IS 3025(Part 34):1988 (Reaffirmed 2019)
Nitrite (as NO ₂)	The second secon				IS 3025(Part 34):1988 (Reaffirmed 2019)
Phosphate (as PO ₄)	and the second s	-			IS 3025(Part 31):1988 (Reaffirmed 2021)
					APHA 23 rd EDITION:2017
Calcium Hardness					1S 3025 (Part 40):1991(Reaffirmed 2019)
Phenolphthalein Alkalinity		-		The second secon	
			_		IS 3025 (Part 23): 1986 (Reaffirmed -2019)
		_			IS 3025 (Part 45): 1993 (Reaffirmed -2019)
					IS 3025 (Part 45): 1993 (Reaffirmed -2019)
					IS 3025 (Part 58) (Reaffirmed – 2017)
The state of the s	4,23			mg/i	IS 3025 (Part 44) (Reaffirmed – 2019)
	160			MPM/100ml	IE 1622 1081 (D051 2010)
					IS 1622-1981 (Reaffirmed-2019)
E coli	Absent	-		MPN/00ml	IS 1622-1981 (Reaffirmed-2019) IS 1622-1981 (Reaffirmed-2019)
	instomer: djacent to MIDC Phase-II, Daregaon, Ja 2003290 DCM3474C1ZN Incident of the item: NA.	Description Description	Indiquent to MIDC Phase-II, Daregnon, Jalna - 431213.	Sample Nam Nature of Sample Nam Nature of Sample Nam Nature of Sample Quan Martin	Sample Name Sample Name Nature of Sample Brand Name Batch No. Sample Container Sample Quantity Mfg. Dr.Used By Date of Sampling & Time Location of Sampling & Location Locatio

Remark (If Any):

Terms & Conditions:

Reviewed By

Lomate (TM Chem) & Pawar (TM Micro)

Authorized Signatory

ABORA SHASTRINAG KEDGAON ONAGAR-

Page 1 Of 1 END OF REPORT







TEST REPORT

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Report No.: RL/TR/2022/12-218			Innua Data 21/12/2022	
Name of Customer: M/S. METAROLI	S ISPAT PVT, LTD	Issue Date: 31/12/202 SAMPLE REFERENCE		
Address of Customer:		Sample Type	Ambient air quality monitoring	
Gut No. 48, Adjacent to MIDC Phas	se-II, Daregaon, Jalna - 431213.	Your Reference	Verbal	
Mobile- 7720003290		Reference Date		
GSTIN- 27AADCM3474C1ZN		Sample ID	-	
Sampling Plan Reference No.: 04/12		Sample Location	Near Main Gate	
Date & Time of Sampling: 22nd to 23rd I	December 2022, 10:00 AM	Latitude	-	
Codification No: RLC-12/213		Longitude		
ENVIRONMENTAL CONDITIONS:		Sample Collected By	RAJAS LABORATORIES	
Min. Temperature	22°C	Min. Rel. Humidity	46.0%	
Max. Temperature	28°C	Max. Rel. Humidity	53.0%	
Sample Received On: 24/12/2022	Analysis Start On: 24/12/2022	Completion of Analys	is: 31/12/2022	

Sr. No.	Parameters	Result	Unit	Standard Values as per NAAQMS	Analysis Method
Chemi	cal Testing- 1.2.3. Atmospheric Pollution	n (Ambient Air)	2	100	
1.	Sulfur Dioxide (SO ₂)	18.41	μg/m³	80	IS 5182 (Part 2):2001
2.	Oxides of Nitrogen (NOx)	35.26	μg/m³	80	IS 5182 (Part 6):2006
3.	Particulate Matter 10 (µ) (PM 10)	91.21	μg/m³	100	IS 5182 (Part 23):2006
4.	Particulate Matter 2.5 (µ) (PM 2.5)	40.52	μg/m³	60	CPCB Guidelines: NAAQMS/36/2012-13
5.	Ozone (O ₃)	10.15	μg/m³	100	IS 5182 (Part 9):1974
6.	Ammonia (NH ₃)	34.66	μg/m³	400	CPCB Guidelines: NAAQMS/36/2012-13
7.	Benzene (C ₆ H ₆)	BDL [DL = 0.1]	μg/m³	5	IS 5182 (Part 11):2006
8.	Benzo-a-pyrene (BaP)	BDL [DL = 0.5]	ng/m³	1	CPCB Guidelines: NAAQMS/36/2012-13
9.	Carbon Monoxide (CO)	1.88	mg/m³	4	IS 5182 (Part 10):1999
10.	Lead (Pb)	BDL [DL = 0.1]	μg/m³	1	IS 5182 (Part 22):2004
11.	Arsenic (As)	BDL [DL = 2]	ng/m³	6	CPCB Guidelines: NAAQMS/36/2012-13
12.	Nickel (Ni)	BDL [DL = 5]	ng/m³	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:

1. The above cosults pertain only to the sample tested.
2. This certificate in full or in part shell not be used for advertising or legal action.
3. Test Report cannot be re-produced except in full, without the written permission from the Luboratory 4. The sample will be destroyed after 5 days & 1 months from the date of issue of test report for persisted. The above tested product no way implies that the product, process, services, management and a flam 6. Fors not established between the company and the client at the time the order is placed out of the 13. ModEF & CC recognition valid till 15/01/2024. company's standard rate (Which are subject to change) and all applicable taxes shall be payable by the client.

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Kshitij Tamhane (TM Env.) Authorized Signatory

SHASTRINAGAR KEDGAON ONAGAR-A

Page 1 Of 1 END OF REPORT Authorised By







TEST REPORT

RL-R20-01B

Report No.: RL/TR/2022/12-219			Issue Date: 31/12/2022	
Name of Customer: M/S. METAROLI	S ISPAT PVT, LTD	SAMPLE REFERENCE		
Address of Customer:		Sample Type	Ambient air quality monitoring	
Gut No. 48, Adjacent to MIDC Phas	se-II, Daregaon, Jalna - 431213.	Your Reference	Verbal	
Mobile- 7720003290	78 Z 1 D	Reference Date		
GSTIN- 27AADCM3474C1ZN		Sample ID		
Sampling Plan Reference No.: 04/12		Sample Location	Furnace Shed	
Date & Time of Sampling: 22nd to 23rd I	December 2022, 10:30 AM	Latitude	- @_	
Codification No: RLC-12/214		Longitude		
ENVIRONMENTAL CONDITIONS:		Sample Collected By	RAJAS LABORATORIES	
Min. Temperature	24°C	Min. Rel. Humidity	41.0%	
Max. Temperature	29°C	Max. Rel. Humidity	54.0%	
Sample Received On: 24/12/2022	Analysis Start On: 24/12/2022	Completion of Analys	is: 31/12/2022	

Sr. No.	Parameters	Result	Unit	Standard Values as per NAAQMS	Analysis Method
Chemi	cal Testing- 1.2.3. Atmospheric Pollution	n (Ambient Air)		1200	
1.	Sulfur Dioxide (SO ₂)	17.09	μg/m³	80	IS 5182 (Part 2):2001
2.	Oxides of Nitrogen (NOx)	33.98	μg/m³	80	IS 5182 (Part 6):2006
3.	Particulate Matter 10 (µ) (PM 10)	91.85	μg/m³	100	IS 5182 (Part 23):2006
4.	Particulate Matter 2.5 (µ) (PM 2.5)	39.11	μg/m³	60	CPCB Guidelines: NAAQMS/36/2012-13
5.	Ozone (O ₃)	12.44	µg/m³	100	IS 5182 (Part 9): 1974
6.	Ammonia (NH ₃)	26.30	μg/m³	400	CPCB Guidelines: NAAQMS/36/2012-13
7.	Benzene (C ₆ H ₆)	BDL [DL = 0.1]	μg/m³	5	IS 5182 (Part 11):2006
8.	Benzo-a-pyrene (BaP)	BDL [DL = 0.5]	ng/m³	1	CPCB Guidelines: NAAQMS/36/2012-13
9.	Carbon Monoxide (CO)	1.02	mg/m³	4	IS 5182 (Part 10):1999
10.	Lead (Pb)	BDL [DL = 0.1]	μg/m³	1	IS 5182 (Part 22):2004
11.	Arsenic (As)	BDL [DL = 2]	ng/m³	6	CPCB Guidelines: NAAQMS/36/2012-13
12.	Nickel (Ni)	BDL [DL = 5]	ng/m³	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-112	Asha Enviro	Valid Up to 04/07/2023
02.	RL/INS/FDS/C-113	Asha Enviro	Valid Up to 04/07/2023

Terms & Conditions:

1. The above results pertain only to the sample tested.
2. This continues in full or in part shall not be used for advertising or legal action.
3. Test Report cannot be re-produced except in full, without the written permission from the Laboratory.
4. The sample will be destroyed after 5 days. & 1 months from the date of issue of test report for permissible items respectively.
5. The above tested product no way implies that the product, process, services, management and system or pressue is approved by NAEL.
6. Foce not established between the company and the client at the time the order is placed or out and Label be at the company's standard rate (Which are subject to change) and all applicable toxes shall be payable by the client.
7. Modif & CC recognision valid till 15/01/2024.

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Kshitij Tamhane (TM Env.) **Authorized Signatory**

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Page 1 Of 1 END OF REPORT Authorised By







TEST REPORT

RL-R20-01B

Report No.: RL/TR/2022/12-220			Issue Date: 31/12/2022	
Name of Customer: M/S. METAROLL	S ISPAT PVT. LTD	SAMPLE REFERENCE		
Address of Customer:		Sample Type	Ambient air quality monitoring	
Gut No. 48, Adjacent to MIDC Phas	se-II, Daregaon, Jalna – 431213.	Your Reference	Verbal	
Mobile- 7720003290		Reference Date	> 	
GSTIN- 27AADCM3474C1ZN		Sample ID		
Sampling Plan Reference No.: 04/12		Sample Location	Rolling Mill Shed	
Date & Time of Sampling: 22nd to 23rd I	December 2022, 10:45 AM	Latitude	. @_	
Codification No: RLC-12/215		Longitude	69	
ENVIRONMENTAL CONDITIONS:		Sample Collected By	RAJAS LABORATORIES	
Min. Temperature	22°C	Min. Rel. Humidity	45.0%	
Max. Temperature	27°C	Max. Rel. Humidity	56,0%	
Sample Received On: 24/12/2022	Analysis Start On: 24/12/2022	Completion of Analys	is: 31/12/2022	

Sr. No.	Parameters	Result	Unit	Standard Values as per NAAQMS	Analysis Method
Chemi	cal Testing- 1.2.3. Atmospheric Pollution	n (Ambient Air)		I So	
1.	Sulfur Dioxide (SO ₂)	22.41	μg/m³	80	IS 5182 (Part 2):2001
2.	Oxides of Nitrogen (NOx)	39.32	μg/m³	80	IS 5182 (Part 6):2006
3.	Particulate Matter 10 (µ) (PM 10)	89.56	μg/m³	100	IS 5182 (Part 23):2006
4.	Particulate Matter 2.5 (µ) (PM 2.5)	41.88	μg/m³	60	CPCB Guidelines: NAAQMS/36/2012-13
5.	Ozone (O ₃)	10.12	μg/m³	100	IS 5182 (Part 9):1974
6.	Ammonia (NH ₃)	30.27	μg/m³	400	CPCB Guidelines: NAAQMS/36/2012-13
7.	Benzene (C ₆ H ₆)	BDL [DL = 0.1]	μg/m³	5	IS 5182 (Part 11):2006
8.	Benzo-a-pyrene (BaP)	BDL [DL = 0.5]	ng/m³	1	CPCB Guidelines: NAAQMS/36/2012-13
9.	Carbon Monoxide (CO)	0.72	mg/m³	4	IS 5182 (Part 10):1999
10.	Lead (Pb)	BDL [DL = 0.1]	μg/m³	1	IS 5182 (Part 22):2004
11.	Arsenic (As)	BDL [DL = 2]	ng/m³	6	CPCB Guidelines: NAAQMS/36/2012-13
12.	Nickel (Ni)	BDL [DL = 5]	ng/m³	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-90	Asha Enviro	Valid Up to 04/07/2023
02.	RL/INS/FDS/C-91	Asha Enviro	Valid Up to 04/07/2023

Terms & Conditions:

1. The above results pertain only to the sample tested.
2. This contilicate in full or in part shell not be used for advertising or legal action.
3. Test Report cannot be re-produced except in full, without the written permission from the Laboratory.
4. The sample will be destroyed after 5 days. 8.1 months from the date of usus of test report for permission from the laboratory.
5. The above tested product no way implicit that the product, process, services, management and, your advertising a proposed by NABL.
6. Fees not established between the company and the client at the time the order is placed a northed amongst that he company's standard rate (Which are subject to change) and all applicable toces shall be payable by the client.
7. MoEF & CC recognision valid till 15:01/2024

Reviewed By

Kshitij Tamhane (TM Env.) Authorized Signatory

SHASTRINAGAR KEDGAON

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Authorised By

Raju Ghule (LMR) Authorized Signatory

Page 1 Of 1 END OF REPORT







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Report No.: RL/TR/2022/12-221			Issue Date: 31/12/2022	
Name of Customer: M/S. METAROLI	LS ISPAT PVT. LTD	SAMPLE REFERENCE		
Address of Customer:		Sample Type	Stack Emission Monitoring	
Gut No. 48, Adjacent to MIDC Phase	se-II, Daregaon, Jalna – 431213.	Your Reference	Verbal	
Mobile- 7720003290		Reference Date	-	
GSTIN- 27AADCM3474C1ZN		Sample ID	-	
		Sample Location	Induction Furnace Stack - 1	
Sampling Plan Reference No.: 04/12		Latitude	· Co	
Date & Time of Sampling: 22nd Decemb	per 2022, 12:00 PM	Longitude		
Codification No: RLC-12/216		Sample Collected By	RAJAS LABORATORIES	
STACK DETAILS:		Stack Material	MS	
Stack ID	1	Fuel Consumption	2	
Stack Height	35 Meters	Flue Gas Temperature	97.°C	
Stack Fuel	-	Flue Gas Velocity	2.4 m/s	
Sample Received On: 24/12/2022	Analysis Start On: 24/12/2022	Completion of Analysis: 31/12/2022		

Sr. No.	Parameters	Result	Unit	Standard Values as per MPCB Consent	Analysis Method
Chen	Sulfur Dioxide (SO ₂)	ution (Stack	Emission)	Not to exceed	IS 11255 (Part 2): 1985
2.	Total Particulate Matter (TPM)	48.69	mg/Nm³	Not to exceed 150 mg/Nm ³	IS 11255 (Part 1): 1985
	Oxides of Nitrogen (NOx)	4.05	ppm	Not to exceed	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

Terms & Conditions:

1. The above results pertain only to the sample tested.
2. This cortificate in full or in part shall not be used for advertising or legal action.
3. Test Report cannot be re-produced except in full, without the written permission from the Laboratory.
4. The sample will be destroyed after 5 days. 8.1 monits from the date of issue of test report for persohable & nonperishable items respectively.
5. The above tested product no way implicise that the product, process, services, management and system or person is approved by NAHL.
6. Fers 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 see subject to change) and all applicable taxes shall be payable by the client.
7. Model & CC recognition valid till 15/01/2024.

Reviewed By

Kshitij Tamhane (TM Env.) Authorized Signatory

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> Page 1 Of 1 END OF REPORT

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TEST REPORT

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Report No.: RL/TR/2022/12-222			Issue Date: 31/12/2022	
Name of Customer: M/S. METAROLI	LS ISPAT PVT. LTD	SAMPLE REFERENCE		
Address of Customer:		Sample Type	Stack Emission Monitoring	
Gut No. 48, Adjacent to MIDC Pha	se-II, Daregaon, Jalna - 431213.	Your Reference	Verbal	
Mobile- 7720003290 GSTIN- 27AADCM3474C1ZN		Reference Date	-	
		Sample ID	-	
		Sample Location	Induction Furnace Stack - 2	
Sampling Plan Reference No.: 04/12		Latitude	- 4	
Date & Time of Sampling: 22nd Decemb	per 2022, 01:30 PM	Longitude	- 60	
Codification No: RLC-12/217		Sample Collected By	RAJAS LABORATORIES	
STACK DETAILS:		Stack Material	MS	
Stack ID	2	Fuel Consumption		
Stack Height	35 Meters	Flue Gas Temperature	98.4°C	
Stack Fuel	-	Flue Gas Velocity	3.7 m/s	
Sample Received On: 24/12/2022	Analysis Start On: 24/12/2022	Completion of Analysis	31/12/2022	

Sr. No.	Parameters	Result	Unit	Standard Values as per MPCB Consent	Analysis Method
Chem	ical Testing- 1.2.3. Atmospheric Poll	ution (Stack	Emission)		
1.	Sulfur Dioxide (SO ₂)	1.89	ppm	Not to exceed 80 ppm	IS 11255 (Part 2): 1985
2.	Total Particulate Matter (TPM)	51.22	mg/Nm ³	Not to exceed 150 mg/Nm ³	IS 11255 (Part 1): 1985
3.	Oxides of Nitrogen (NOx)	2.74	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 04/07/2023

Terms & Conditions:

1. The above results pertain only to the sample tested.
2. This certificate in full or in put shall not be used for solvertising or legal action.
3. Test Report cannot be re-produced except in full, without the written permission from the Laboratory.
4. The sample will be destroyed after 5 days & I months from the date of issue of test report for perioduble & nonperishable items respectively.
5. The above tested product no way implies that the product, process, services, management and system or person is approved by NASI.
6. Fees not established between the company and the client at the time the order is placed or continue us negotiated shall be at the company's standard rate (Which are subject to change) and all applicable taxes shall be psyable by the client.
7. MoSF & CC recognition valid till 15/01/2024.

Reviewed By

Kshitij Tamhane (TM Env.) Authorized Signatory



Page 1 Of 1 END OF REPORT Authorised By







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Report No.: RL/TR/2022/12-223			Issue Date: 31/12/2022	
Name of Customer: M/S. METAROLI	LS ISPAT PVT. LTD	SAMPLE REFERENCE		
Address of Customer:		Sample Type	Stack Emission Monitoring	
Gut No. 48, Adjacent to MIDC Pha	se-II, Daregaon, Jalna - 431213.	Your Reference	Verbal	
Mobile- 7720003290 GSTIN- 27AADCM3474C1ZN		Reference Date	-	
		Sample ID	-	
		Sample Location	Re-heating Furnace Stack	
Sampling Plan Reference No.: 04/12		Latitude		
Date & Time of Sampling: 22nd Decemb	ber 2022, 03:00 PM	Longitude	- 40.	
Codification No: RLC-12/218		Sample Collected By	RAJAS LABORATORIES	
STACK DETAILS:		Stack Material	MS	
Stack ID	3	Fuel Consumption		
Stack Height	30 Meters	Flue Gas Temperature	102.4°C	
Stack Fuel	-	Flue Gas Velocity	3.9 m/s	
Sample Received On: 24/12/2022	Analysis Start On: 24/12/2022	Completion of Analysis:	31/12/2022	

Sr. No.	Parameters	Result	Unit	Standard Values as per MPCB Consent	Analysis Method
Chem	ical Testing- 1.2.3. Atmospheric Poll	ution (Stack	Emission)		
1.	Sulfur Dioxide (SO ₂)	1.36	ppm	Not to exceed 80 ppm	IS 11255 (Part 2): 1985
2.	Total Particulate Matter (TPM)	41.55	mg/Nm³	Not to exceed 150 mg/Nm ³	IS 11255 (Part 1): 1985
3.	Oxides of Nitrogen (NOx)	2.98	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

Terms & Conditions:

1. The above results pertain only to the sample tested.
2. This confidence in full or in part shall not be used for advertising or legal action.
3. Test Report cannot be re-produced except an full, without the written permission from the Laboratory.
4. The sample will be destroyed after 5 days & 1 months from the date of issue of test report for persulable items respectively.
5. The above tested product no way implies that the product, process, services, management and system or person is approved by NARL.
6. Fees not established between the overpany 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 town shall be possible by the client.
7. MoDF & CC recognition valid till 15/01/2024.

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Kshitij Tamhane (TM Env.) **Authorized Signatory**

ABORA SHASTRINAGAR KEDGAON ONAGAR-A

> Page 1 Of 1 END OF REPORT

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TEST REPORT

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Report No.: RL/TR/2022/12-224			Issue Date: 31/12/2022		
Name of Customer: M/S. METAROLLS ISPAT PVT, LTD Address of Customer: Gut No. 48, Adjacent to MIDC Phase-II, Daregaon, Jalna – 431213. Mobile- 7720003290		SAMPLE REFERENCE			
		Sample Type	Ambient noise level monitoring		
		Codification No	RLC-12/219		
		Your Reference	Verbal		
GSTIN- 27AADCM3474C1ZN		Reference Date	-		
		Sample ID	- Co		
		Sample Location			
Sampling Plan Reference No.: 04/12		Latitude	. 4/		
Date & Time of Sampling: 22 nd to 23 rd December 2022, 10:35 AM Sample Collected By: RAJAS LABORATORIES		Longitude			
Sample Received On: 24/12/2022	Analysis Start On: 24/12/2022	Completion of Anal	lysis: 31/12/2022		

Sr. No.	Parameters	Result	Unit	Standard Values as per general CPCB guidelines	Analysis Method	
Chemical	Testing- 1.2.3. Atmospheric	Pollution (Ambi	ent Noise	Levels -Excluding vibrati	on)	
DAY				100		
1.	Main Gate	70.4	In/A3	A 4	CPCB's Protocol for Ambien	
2.	Admin Office	65.5	dB(A)	75		
NIGHT			67	100	Noise Level Monitoring:2015	
1.	Main Gate	66.3	IDCA	70		
2.	Admin Office	57.1	dB(A)	70		

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-117	HTC SL-1350	Valid Up to 04/07/2023

Terms & Conditions:

1. The above results pertain only to the sample tested.
2. This certificate in full or in part shall not be used for adversing or legal action.
3. Test Report cannot be re-produced except in full, without the written permission from the Laboratory.
4. The sample will be destroyed after 3 days & 1 months from the date of issue of test report for perishable items respectively.
5. The above tested product no way implies that the product, process, services, management and system or person is approved by NABI.
6. Fees not established between the company and the client in 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.
7. MediF & CC recognition valid till 15/01/2024.

Reviewed By

Kshitij Tamhane (TM Env.) **Authorized Signatory**

SHASTRINAGAR KEDGAON ONAGAR-

Page 1 Of 1 END OF REPORT Authorised By







TEST REPORT

R	-	R	20)-()1	D

Report No.: RL/TR/2022/12-225			Issue Date: 31/12/2022	
Name of Customer: M/S. METAROLLS ISPAT PVT. LTD		SAMPLE REFERENCE		
Address of Customer: Gut No. 48, Adjacent to MIDC Phase-II, Daregaon, Jalna – 431213. Mobile- 7720003290		Sample Type	Work place noise monitoring	
		Codification No	RLC-12/220	
		Your Reference	Verbal	
GSTIN- 27AADCM3474C1ZN	GSTIN- 27AADCM3474C1ZN			
		Sample ID	· (G)	
Sampling Plan Reference No.: 04/12		Latitude	- 11.11	
Date & Time of Sampling: 22nd Decemb	er 2022, 04:00 PM	Longitude	WA	
Sample Collected By: RAJAS LABORATORIES		-		
Sample Received On: 24/12/2022 Analysis Start On: 24/12/2022		Completion of Analy	vsis: 31/12/2022	

Sr. No.	Parameters	Result	Unit	Standard Values as per general CPCB guidelines	Analysis Method
Chen	nical Testing- 1.2.3. Atmospheric	Pollution (Ambie	nt Noise Levels	-Excluding vibr	ration)
	France Chad	71.2		1	
1.	Furnace Shed	71.2			DI COR CALL AND E
1. 2.	Casting Area	68.9	dB(A)	90	RL-SOP-C-34, Ver.001, Issue Date 01 April:2022

Remark (If Any):

Sr. No.	Instrument ID	Make	Calibration Status
01.	RL/INS/NM/C-117	HTC SL-1350	Valid Up to 04/07/2023

Terms & Conditions:

1. The above results pertain only to the sample tested
2. This certificate in full or in part shall not be used for advertising or legal action.
3. Test Report cannot be re-produced except in full, without the written permission from the Laboratory.
4. The sample will be destroyed after 5 days & I months from the data of issue of test report for periabable items respectively.
5. The above tested product no way surpless that the product, process, services, management and system or person is approved by NADL.
6. Fees not established between the company and the client at the time the order is placed or contract as negotiated shall be at the company's standard rate (Which are subject to change) and all applicable tisses shall be payable by the client.
7. MoSF & CC recognition valid till 15/01/2024.

Reviewed By

Kshitij Tamhane (TM Env.) **Authorized Signatory**

ABORA SHASTRINAGAR KEDGAON ONAGAR-A

Page 1 Of 1 END OF REPORT Authorised By







RAJAS LABORATORIES

Recognized by AGMARK, MoEF & 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-R20-01A

Report No	:: RL/TR/2022/12-226				Issue Date: 31/12/20
	ustomer: M/S. METAROLLS ISPAT PV	T. LTD	SAMPLE R	EFERENCE	A PROPERTY OF THE PROPERTY OF
	Customer:		Sample Nam		Surface Water
Gut No. 48,	. Adjacent to MIDC Phase-II, Daregaon, J	alna – 431213.	Nature of Sa	mple	Colourless Clear Liquid
Mobile- 77.	AADCM3474C1ZN		Brand Name		
	TO THE PERSON AS A STATE OF THE PERSON AS A ST		Batch No.		
			Sample Cont	ainer	Plastic Container
			Sample Quar	ntity	Chemical-5 Liters & Biological - 1 Liter
			Mfg. Dt/Use	ed By	
Sampling M	fethod: RL-MSP-P38		Date of Sam	pling & Time	23/12/2022, 10:00 AM
Sampling P	lan: 04/12		Location of S	Sampling	Moti Porid
Jnique Iden	ntification of the item: NA.		Environment	al Condition	Stored at 2-8°C
Codification	n No: RLC-12/221 & RLM-12/85		Expiry Date		0.00
Sample Col	lected By: RAJAS LABORATORIES		Mfg. By; -		
Sample Rec	reived On: 24/12/2022	Analysis Start On: 24/12/2022	Completion	of Analysis: 31/12/2	2022
Sr.			- compressor (
No.	Parameters	Results	Standard Values	Unit	Analysis Method
hemical T	Testing- 1.2.42. Water (Surface Water)			40 11	
1.	Colour	BDL [DL=1]	-	Hazen	IS 3025(Part 4):2021
2.	Temperature	23.1	1 1	°C	APHA 23rd EDITION:2017
3.	pH at 25°C	7.62	. (69)	V.	IS 3025 (Part 11):1983 (Reaffirmed 2017)
4.	Calcium as Ca	43.24		mg/l	IS 3025 (Part 40):1991(Reaffirmed 2019)
5.	Magnesium us Mg	17.62	A 10 W	mg/I	APHA 23rd EDITION:2017
6.	Chloride as Cl	46.00		mg/l	1S 3025 (Part 32): 1988 (Reaffirmed 2019)
7.	Total Alkalinity as CaCO3	184.82	4	mg/I	IS 3025 (Part 23): 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 ₃	180.00	War and the same of the same o	mg/l	IS 3025 (Part 21): 2009 (Reaffirmed 2019)
10.	Turbidity	2,2	-	NTU	IS 3025 (Part 10): 1984 (Reaffirmed 2017)
11.	Electrical Conductivity at 25°C	215.00	70 -	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 ₄)	45.08		mg/I	IS 3025(Part 24):1986 (Reaffirmed 2009)
14.	Ammonia (as NH ₃)	BDL [DL=0.1]	*	mg/l	APHA 23rd EDITION:2017 4500-NH ₃ C
15.	Nitrate (as NO ₃ *)	1,20		mg/I	IS 3025(Part 34):1988 (Reaffirmed 2019)
16.	Nitrite (as NO ₂ *)	BDL [DL-1]		mg/l	IS 3025(Part 34):1988 (Reaffirmed 2019)
17.	Phosphate (as PO ₄)	1.66		mg/l	IS 3025(Part 31):1988 (Reaffirmed 2021)
18.	Dissolved Oxygen	7.80		mg/I	APHA 23rd EDITION:2017
19.	Calcium Hardness	106.00		mg/I	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)	7.13		mg/l	IS 3025 (Part 45): 1993 (Reaffirmed -2019)
23.	Chemical Oxygen Demand (COD)			mg/l	IS 3025 (Part 58) (Reaffirmed - 2017)
24.	Biochemical Oxygen Demand (BOI	9) 8.00		mg/l	IS 3025 (Part 44) (Reaffirmed - 2019)
1.	esting- 1.1.28. Water (Surface Water)	1000			
2.	Total coliform	1600		MPN/100ml	IS 1622-1981 (Reaffirmed-2019)
3.	E. coli	500	-	MPN/100ml	IS 1622-1981 (Reaffirmed-2019)
	(If Any):	Present		MPN/100ml	IS 1622-1981 (Reaffirmed-2019)

Remark (If Any):

Terms & Conditions:

2. This contificate in full or in part shall not be used for advertising or legal action.

3. The Person of the Pe

Test Report carried by re-produced except in full, without the written permission from the Luboratory.
 The sample will be destroyed after 5 days & 1 months from the date of peace of test paper for considerable.

6. Free sex established between the company and the client at the time the order is placed or contract to sugar

Reviewed By

Lomate (TM Chem) & Pawar (TM Micro)

Authorized Signatory

SHASTRINAGAR KEDGAON *

ABOR

Authorised By

Raju Ghule (LMR) Authorized Signatory

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Page 1 Of 1 END OF REPORT







RAJAS LABORATORIES

Recognized by AGMARK, MoEF & 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-R20-01A

Report No	o.: RL/TR/2022/12-227				RL-R20- Issue Date: 31/12/20
Name of C	Customer: M/S. METAROLLS ISPAT PV	r. ltd	SAMPLE F	REFERENCE	
Address of Customer:				ne	Ground Water
	R, Adjacent to MIDC Phase-II, Daregaon, Ja	lna – 431213.	Nature of Sa	imple	Colourless Clear Liquid
Mobile- 77			Brand Name	ż	•
GSTIN- 27AADCM3474C1ZN			Batch No.		1.
			Sample Con	tainer	Plastic Container
			Sample Qua		Chemical-5 Liters & Biological - 1 Liter
			Mfg. Dt/Us	ed By	. 0
Sampling 1	Method: RL-MSP-P38		Date of Sam	pling & Time	23/12/2022, 10:30 AM
Sampling I	Plan: 04/12		Location of	Sampling	Daregson Village
Jnique Ide	entification of the item: NA.		Environmen	tal Condition	Stored at 2-8°C
Codificatio	on No: RLC-12/222 & RLM-12/86		Expiry Date		0.
lample Co	llected By: RAJAS LABORATORIES		Mfg. By: -		
Sample Re	ceived On: 24/12/2022	Analysis Start On: 24/12/2022	Completion	of Analysis: 31/12/2	022
Sr.			- Sompredon		
No.	Parameters	Results	Standard Values	Unit	Analysis Method
Chemical '	Testing- 1.2,42. Water (Ground Water)			100	
1.	Colour	BDL [DL=1]		Hazen	IS 3025(Part 4):2021
2.	Temperature	22.0		°C	APHA 23rd EDITION:2017
3.	pH at 25°C	7.09	- 1		IS 3025 (Part 11):1983 (Reaffirmed 2017)
4.	Calcium as Ca	40.52		mg/l	IS 3025 (Part 40):1991(Reaffirmed 2019)
5.	Magnesium as Mg	16.25	670 V	mg/l	APHA 23rd EDITION:2017
6.	Chloride as Cl	167.89		mg/l	IS 3025 (Part 32): 1988 (Reaffirmed 2019)
7.	Total Alkalinity as CaCO3	187.44	40.0	mg/l	IS 3025 (Part 23): 1986 (Reaffirmed -2019)
8.	Total Dissolved Solid at 180°C	306.97		mg/l	IS 3025 (Part 16): 1984 (Renffirmed 2017)
9.	Total Hardness as CaCO ₃	192.36		mg/l	IS 3025 (Part 21): 2009 (Reaffirmed 2019)
10.	Turbidity	BDL [DL-1]		NTU	IS 3025 (Part 10): 1984 (Reaffirmed 2017)
11.	Electrical Conductivity at 25°C	651.48	JU .	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 ₄)	42.15	-	mg/I	IS 3025(Part 24):1986 (Reaffirmed 2009)
14.	Ammonia (as NH ₃)	BDL [DL=0.1]		mg/l	APHA 23rd EDITION:2017 4500-NH ₃ C
15.	Nitrate (as NO ₃ *)	1.89		mg/l	IS 3025(Part 34):1988 (Reaffirmed 2019)
16.	Nitrite (as NO ₂ ')	BDL [DL-1]		mg/l	IS 3025(Part 34):1988 (Reaffirmed 2019)
17.	Phosphate (as PO ₄)	2.25		mg/l	IS 3025(Part 31):1988 (Reaffirmed 2021)
18.	Dissolved Oxygen	1.44		mg/l	APHA 23rd EDITION:2017
19.	Calcium Hardness	125.47		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)	51.04		mg/l	IS 3025 (Part 45): 1993 (Reaffirmed -2019)
22.	Potassium (as K)	8.74		mg/l	IS 3025 (Part 45): 1993 (Reaffirmed -2019)
23.	Chemical Oxygen Demand (COD)	25.00		mg/l	IS 3025 (Part 58) (Reaffirmed – 2017)
24.	Biochemical Oxygen Demand (BOD	5.00		mg/l	IS 3025 (Part 44) (Reaffirmed - 2019)
	Testing- 1.1.28, Water (Ground Water)			10750	3417
1.	Total coliform	90		MPN/100ml	IS 1622-1981 (Reaffirmed-2019)
2.	Faecal coliform	<2	2	MPN/100ml	IS 1622-1981 (Reaffirmed-2019)
3	E coli	Alcount		A FEBRUARY 1	

Remark (If Any):

Terms & Conditions:

2. This certificate in full or in part shall not be used for advertising or legal acts.

Yest Report cames be re-produced except as full, without the written personner from the Laboratory.
 The sample will be destroyed after 5 days & Laborator from the date of trade of test around the personnel.

4. The above insted product no way implies that the periodic, process, services, management upon the periodic is nonpersolution to the fact of instending the periodic product process. The above insted product no way implies that the periodic, process, services, management and system or person is specified. Free not established between the company and the client at the time the order is placed or contract in negrotised shall be all the periodic process.

Reviewed By

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

Page T Of 1 END OF REPORT

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Absent

er and all applicable taxes shall be payable by the client

MPN/00ml

Authorised By

Raju Ghule (LMR)
Authorized Signatory

IS 1622-1981 (Reaffirmed-2019)







TEST REPORT

L-R		

B 11 B1 BB BB B B B B B B B B B B B B B			RL-R20-01B
Report No.: RL/TR/2023/01-191			Issue Date: 30/01/2023
Name of Customer: M/S. METAROLI	LS ISPAT PVT. LTD	SAMPLE REFERENC	E
Address of Customer:	S-12	Sample Type	Ambient air quality monitoring
Gut No. 48, Adjacent to MIDC Phase	se-II, Daregaon, Jalna - 431213.	Your Reference	Verbal
Mobile- 7720003290		Reference Date	
GSTIN- 27AADCM3474C1ZN		Sample ID	
Sampling Plan Reference No.: 04/01		Sample Location	Near Main Gate
Date & Time of Sampling: 23rd to 24th J	anuary 2023, 09:30 AM	Latitude	- 111-
Codification No: RLC-01/180		Longitude	
ENVIRONMENTAL CONDITIONS:		Sample Collected By	RAJAS LABORATORIES
Min. Temperature	23°C	Min. Rel. Humidity	41.0%
Max. Temperature	27°C	Max. Rel. Humidity	49.0%
Sample Received On: 25/01/2023	Analysis Start On: 25/01/2023	Completion of Analysi	s: 30/01/2023

Sr. No.	Parameters	Result	Unit	Standard Values as per NAAQMS	Analysis Method
Chemi	cal Testing- 1.2.3. Atmospheric Pollution	n (Ambient Air)		100	
1.	Sulfur Dioxide (SO ₂)	12.62	μg/m³	80	IS 5182 (Part 2):2001
2.	Oxides of Nitrogen (NOx)	21.31	μg/m³	80	IS 5182 (Part 6):2006
3.	Particulate Matter 10 (µ) (PM 10)	93.96	μg/m³	100	IS 5182 (Part 23):2006
4.	Particulate Matter 2.5 (µ) (PM 2.5)	39.41	μg/m³	60	CPCB Guidelines: NAAQMS/36/2012-13
5.	Ozone (O ₃)	10.12	μg/m³	100	IS 5182 (Part 9): 1974
6.	Ammonia (NH ₃)	23.55	μg/m³	400	CPCB Guidelines: NAAQMS/36/2012-13
7.	Benzene (C ₆ H ₆)	BDL [DL = 0.1]	μg/m³	5	IS 5182 (Part 11):2006
8.	Benzo-a-pyrene (BaP)	BDL [DL = 0.5]	ng/m³	1	CPCB Guidelines: NAAQMS/36/2012-13
9.	Carbon Monoxide (CO)	0.93	mg/m³	4	IS 5182 (Part 10):1999
10.	Lead (Pb)	BDL [DL = 0.1]	μg/m³	1	IS 5182 (Part 22):2004
11.	Arsenic (As)	BDL [DL = 2]	ng/m³	6	CPCB Guidelines: NAAQMS/36/2012-13
12,	Nickel (Ni)	BDL [DL = 5]	ng/m³	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.

Instrument ID	Make	Calibration Status
RL/INS/RDS/C-88	Asha Enviro	Valid Up to 04/07/2023
RL/INS/FDS/C-89	Asha Enviro	Valid Up to 04/07/2023
	RL/INS/RDS/C-88	RL/INS/RDS/C-88 Asha Enviro

Terms & Conditions:

1. The above results pertain only to the sample tested.

2. This certificate in full or in part shall not be used for advertising or legal action.

3. Test Report cannot be re-produced except in full, without the written permission from the Laboratory

4. The sample will be destroyed after 5 days & 1 months from the date of issue of test report for penetral.

5. The above tested product no way implies that the product, process, services, management and system

6. Fees not established between the company and the client at the time the order is placed of penths in a

7. MoDF & CC recognition valid till 15/01/2024. tenier for un in appeared by NABL. s standard rate (Which are subject to change) and all applicable tuves shall be payable by the client

Reviewed By

Kshitij Tamhane (TM Env.) **Authorized Signatory**

SHASTRINAGAR KEDGAON WAGAR-A

Raju Ghule (LMR) Authorized Signatory

Authorised By

Page 1 Of 1 END OF REPORT







TEST REPORT

RL-R20-01B

D AL DI PPRODUCTION			KL-K20-01B	
Report No.: RL/TR/2023/01-192			Issue Date: 30/01/2023	
Name of Customer: M/S. METAROLI	S ISPAT PVT, LTD	SAMPLE REFERENCE		
Address of Customer:		Sample Type	Ambient air quality monitoring	
Gut No. 48, Adjacent to MIDC Phas	se-II, Daregaon, Jalna – 431213.	Your Reference	Verbal	
Mobile- 7720003290		Reference Date		
GSTIN- 27AADCM3474C1ZN		Sample ID		
Sampling Plan Reference No.: 04/01		Sample Location	Furnace Shed	
Date & Time of Sampling: 23rd to 24th J.	anuary 2023, 10:00 AM	Latitude		
Codification No: RLC-01/181		Longitude	1 1 1 1	
ENVIRONMENTAL CONDITIONS:		Sample Collected By	RAJAS LABORATORIES	
Min. Temperature	22°C	Min. Rel. Humidity	38.0%	
Max. Temperature	28°C	Max. Rel. Humidity	49.0%	
Sample Received On: 25/01/2023	Analysis Start On: 25/01/2023	Completion of Analysis	30/01/2023	

Sr. No.	Parameters	Result	Unit	Standard Values as per NAAQMS	Analysis Method
Chemi	cal Testing- 1.2.3. Atmospheric Pollution	n (Ambient Air)		AV	
1.	Sulfur Dioxide (SO ₂)	8.99	μg/m³	80	IS 5182 (Part 2):2001
2.	Oxides of Nitrogen (NOx)	15.58	μg/m³	80	IS 5182 (Part 6):2006
3.	Particulate Matter 10 (µ) (PM 10)	85.13	μg/m³	100	IS 5182 (Part 23):2006
4.	Particulate Matter 2.5 (µ) (PM 2.5)	32.10	μg/m³	60	CPCB Guidelines: NAAQMS/36/2012-13
5.	Ozone (O ₃)	9.72	μg/m³	100	IS 5182 (Part 9):1974
6.	Ammonia (NH ₃)	15.44	μg/m³	400	CPCB Guidelines: NAAQMS/36/2012-13
7.	Benzene (C ₆ H ₆)	BDL [DL = 0,1]	μg/m³	5	IS 5182 (Part 11):2006
8.	Benzo-a-pyrene (BaP)	BDL [DL = 0.5]	ng/m³	1	CPCB Guidelines: NAAQMS/36/2012-13
9.	Carbon Monoxide (CO)	0.63	mg/m³	4	IS 5182 (Part 10):1999
10.	Lead (Pb)	BDL [DL = 0.1]	μg/m³	1	IS 5182 (Part 22):2004
11.	Arsenic (As)	BDL [DL = 2]	ng/m³	6	CPCB Guidelines: NAAQMS/36/2012-13
12.	Nickel (Ni)	BDL [DL = 5]	ng/m³	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:

Reviewed By

Kshitij Tamhane (TM Env.) Authorized Signatory

SHASTRINAGAR KEDGAON ONAGAR-A Page 1 Of 1

END OF REPORT

Raju Ghule (LMR) Authorized Signatory

Authorised By







TEST REPORT

Report No.: RL/TR/2023/01-192			RL-R20-01B
Name of Customer: M/S. METAROLI	LS ISPAT PVT, LTD	SAMPLE REFERENCE	Issue Date: 30/01/2023
Address of Customer:		Sample Type	Ambient air quality monitoring
Gut No. 48, Adjacent to MIDC Pha	se-II, Daregaon, Jalna - 431213.	Your Reference	Verbal
Mobile- 7720003290	10 100 100	Reference Date	
GSTIN- 27AADCM3474C1ZN		Sample ID	
Sampling Plan Reference No.: 04/01		Sample Location	Rolling Mill Shed
Date & Time of Sampling: 23rd to 24th J	anuary 2023, 10:15 AM	Latitude Longitude	
Codification No: RLC-01/182			. /
ENVIRONMENTAL CONDITIONS	:	Sample Collected By	RAJAS LABORATORIES
Min. Temperature	21°C	Min. Rel. Humidity	39.0%
Max. Temperature	28°C	Max. Rel. Humidity	48.0%
Sample Received On: 25/01/2023	Analysis Start On: 25/01/2023	Completion of Analysis	30/01/2023

Sr. No.	Parameters	Result	Unit	Standard Values as per NAAQMS	Analysis Method
Chemi	cal Testing- 1.2.3. Atmospheric Pollution	(Ambient Air)		AT	
1.	Sulfur Dioxide (SO ₂)	10.10	μg/m³	80	IS 5182 (Part 2):2001
2.	Oxides of Nitrogen (NOx)	16.52	μg/m³	80	IS 5182 (Part 6):2006
3.	Particulate Matter 10 (µ) (PM 10)	89.36	μg/m³	100	IS 5182 (Part 23):2006
4.	Particulate Matter 2.5 (µ) (PM 2.5)	33.02	μg/m³	60	CPCB Guidelines: NAAQMS/36/2012-13
5.	Ozone (O ₃)	8.77	μg/m³	100	IS 5182 (Part 9):1974
6.	Ammonia (NH ₃)	17.41	μg/m³	400	CPCB Guidelines: NAAQMS/36/2012-13
7.	Benzene (C ₆ H ₆)	BDL [DL = 0,1]	μg/m³	5	IS 5182 (Part 11):2006
8.	Benzo-a-pyrene (BaP)	BDL [DL = 0.5]	ng/m³	1	CPCB Guidelines: NAAQMS/36/2012-13
9.	Carbon Monoxide (CO)	0.49	mg/m³	4	IS 5182 (Part 10):1999
10.	Lead (Pb)	BDL [DL = 0.1]	μg/m³	1	IS 5182 (Part 22):2004
11.	Arsenic (As)	BDL [DL = 2]	ng/m³	6	CPCB Guidelines: NAAQMS/36/2012-13
12.	Nickel (Ni)	BDL [DL = 5]	ng/m³	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-86	Asha Enviro	Valid Up to 04/07/2023
02.	RL/INS/FDS/C-87	Asha Enviro	Valid Up to 04/07/2023

Terms & Conditions:

In the above results pertain only to the sample tested.

2. This certificate in full or in part shall not be used for advertising or legal action.

3. Test Report cannot be re-produced except in full, without the written permission from the Laboratory.

4. The sample will be destroyed after 5 days. & I months from the date of issue of best report for periodable items respectively.

5. The above tested product on way implies that the product, process, services, management and system or person in approved by NABI.

6. Fees not established between the company and the client at the time the order is placed or consist in appropriated shall be at the company's standard rate (Which are subject to change) and all applicable taxes shall be puyable by the client.

7. MoSF & CC recognition valid till 15/01/2024.

Authorised By

Kshitij Tamhane (TM Env.) **Authorized Signatory**

SHASTRINAGAR KEDGAON ONAGAR-A

Page 1 Of 1 END OF REPORT Authorised By







TEST REPORT

Report No.: RL/TR/2023/01-193			RL-R20-01C Issue Date: 30/01/2023	
Name of Customer: M/S. METAROI	LLS ISPAT PVT, LTD	SAMPLE REFERENCE		
Address of Customer:		Sample Type	Stack Emission Monitoring	
Gut No. 48, Adjacent to MIDC Ph	ase-II, Daregaon, Jalna - 431213.	Your Reference	Verbal	
Mobile- 7720003290		Reference Date	-	
GSTIN- 27AADCM3474C1ZN		Sample ID		
		Sample Location	Induction Furnace Stack - 1	
Sampling Plan Reference No.: 04/01		Latitude	- 110	
Date & Time of Sampling: 23rd Januar	y 2023, 11:00 AM	Longitude	- 4	
Codification No: RLC-01/183		Sample Collected By	RAJAS LABORATORIES	
STACK DETAILS:		Stack Material	MS	
Stack ID	1	Fuel Consumption		
Stack Height	35 Meters	Flue Gas Temperature	97.°C	
Stack Fuel		Flue Gas Velocity	2.4 m/s	
Sample Received On: 25/01/2023	Analysis Start On: 25/01/2023	Completion of Analysis:		

Sr. No.	Parameters	Result	Unit	Standard Values as per MPCB Consent	Analysis Method
Chem	ical Testing- 1.2.3. Atmospheric Poll	ution (Stack	Emission)		
1.	Sulfur Dioxide (SO ₂)	1.74	ppm	Not to exceed 80 ppm	IS 11255 (Part 2): 1985
2.	Total Particulate Matter (TPM)	52.69	mg/Nm³	Not to exceed 150 mg/Nm ³	IS 11255 (Part 1): 1985
3.	Oxides of Nitrogen (NOx)	2.87	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	

Terms & Conditions:

1. The above results pertain only to the sample tested?
2. This certificate in full or in part shall not be used for advertising or legal action.
3. Test Report cannot be re-produced except in full, without the written permission from the Laboratory.
4. The sample will be destroyed after 5-days & 1 months from the date of issue of fest report for pertahable items respectively.
5. The above tested product no way implies that the product, process, services, management and system or person is approved by NABL.
6. Fees not established between the company and the client at the time the order is placed or contract is negitiated shall be at the company's standard rate (Which are subject to change) and all applicable taxes shall be payable by the client.
7. ModEF & CX* recognition valid till 15/01/2024.

Reviewed By

Kshitij Tamhane (TM Env.) Authorized Signatory

BOR SHASTRINAGAR KEDGAON ONAGAR-

Page 1 Of 1 END OF REPORT Authorised By







TEST REPORT

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Daniel Ma . DI /TD /2/22/01 104			KL-K20-010	
Report No.: RL/TR/2023/01-194		Issue Date: 30/01/2023		
Name of Customer: M/S. METAROLI	LS ISPAT PVT. LTD	SAMPLE REFERENCE	Œ	
Address of Customer:		Sample Type	Stack Emission Monitoring	
Gut No. 48, Adjacent to MIDC Phase	se-II, Daregaon, Jalna - 431213.	Your Reference	Verbal	
Mobile- 7720003290		Reference Date	-	
GSTIN- 27AADCM3474C1ZN		Sample ID	-	
		Sample Location	Induction Furnace Stack - 2	
Sampling Plan Reference No.: 04/01		Latitude	- 4	
Date & Time of Sampling: 23rd January	2023, 01:00 PM	Longitude		
Codification No: RLC-01/184		Sample Collected By	RAJAS LABORATORIES	
STACK DETAILS:		Stack Material	MS	
Stack ID	2	Fuel Consumption	-	
Stack Height	35 Meters	Flue Gas Temperature	98.4°C	
Stack Fuel	-	Flue Gas Velocity	3.7 m/s	
Sample Received On: 25/01/2023	Analysis Start On: 25/01/2023	Completion of Analysis:	30/01/2023	

Sr. No.	Parameters	Result	Unit	Standard Values as per MPCB Consent	Analysis Method
Chem	ical Testing- 1.2.3. Atmospheric Poll	ution (Stack	Emission)		
1.	Sulfur Dioxide (SO ₂)	1.32	ppm	Not to exceed 80 ppm	1S 11255 (Part 2): 1985
2.	Total Particulate Matter (TPM)	47.56	mg/Nm³	Not to exceed 150 mg/Nm ³	IS 11255 (Part 1): 1985
3.	Oxides of Nitrogen (NOx)	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

Terms & Conditions:

1. The above results pertain only to the sample tested.
2. This certificate in full or in part shall not be used for advertising or legal action.
3. Test Report cannot be re-produced except in full, without the written permission from the Laboratory.
4. The sample will be destroyed after 3 days & Finoritis from the date of issue of test report for persistable items respectively.
5. The above tested product no way implies that the product, process, services, management and system or person is approved by NABL.
6. Fees 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.
7. Mobil! & CC recognition valid till 15:01/2024.

Reviewed By

Kshitij Tamhane (TM Env.) Authorized Signatory

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> Page 1 Of 1 END OF REPORT

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TEST REPORT

K	 K	ZΨ	1-0	1(L

Report No.: RL/TR/2023/01-195			Issue Date: 30/01/2023	
Name of Customer: M/S. METAROLI	LS ISPAT PVT. LTD	SAMPLE REFERENCE		
Address of Customer:		Sample Type	Stack Emission Monitoring	
Gut No. 48, Adjacent to MIDC Pha	se-II, Daregaon, Jalna - 431213.	Your Reference	Verbal	
Mobile- 7720003290		Reference Date	-	
GSTIN- 27AADCM3474C1ZN		Sample ID	-	
		Sample Location	Re-heating Furnace Stack	
Sampling Plan Reference No.: 04/01		Latitude	- 400	
Date & Time of Sampling: 23rd January	2023, 03:30 PM	Longitude Sample Collected By		
Codification No: RLC-01/185			RAJAS LABORATORIES	
STACK DETAILS:		Stack Material	MS	
Stack ID	3	Fuel Consumption	-	
Stack Height	30 Meters	Flue Gas Temperature	102.4°C	
Stack Fuel	-	Flue Gas Velocity	3.9 m/s	
Sample Received On: 25/01/2023	Analysis Start On: 25/01/2023	Completion of Analysis:	30/01/2023	

Sr. No.	Parameters	Result	Unit	Standard Values as per MPCB Consent	Analysis Method
Chem	ical Testing- 1.2.3. Atmospheric Poll	ution (Stack	Emission)		
1.	Sulfur Dioxide (SO ₂)	2.55	ppm	Not to exceed 80 ppm	IS 11255 (Part 2): 1985
2.	Total Particulate Matter (TPM)	52.07	mg/Nm ³	Not to exceed 150 mg/Nm ³	IS 11255 (Part 1): 1985
3.	Oxides of Nitrogen (NOx)	4.11	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	

Terms & Conditions:

1. The above results pertain only to the sample tested.
2. This certificate in full or in part shall not be used for advertising or legal action.
3. Test Report cannot be re-produced except in full, without the written permission from the Laboratory.
4. The sample will be destroyed after 5 days & 1 proofits from the date of issue of test report for perishable items respectively.
5. The above tested product no way implies that the product, process, services, management and system or person is approved by NABL.
6. Fees not established between the company and the client of the time the order is placed or contract is negotiated shall be at the company's standard rate (Which are subject to charge) and all applicable taxes shall be payable by the client.
7. ModEF & CC recognition valid till 15/01/2024.

Reviewed By

Kshitij Tamhane (TM Env.) Authorized Signatory



Page 1 Of 1 END OF REPORT Anthorised By







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	- A		U-1	<i>,</i> , , , ,

Report No.: RL/TR/2023/01-196			Issue Date: 30/01/2023		
Name of Customer: M/S. METAROLLS ISPAT PVT. LTD		SAMPLE REFERENCE			
Address of Customer: Gut No. 48, Adjacent to MIDC Phase-II, Daregaon, Jalna – 431213. Mobile- 7720003290 GSTIN- 27AADCM3474C1ZN		Sample Type	Ambient noise level monitoring		
		Codification No	RLC-01/186		
		Your Reference	Verbal		
		Reference Date			
		Sample ID			
		Sample Location			
Sampling Plan Reference No.: 04/01		Latitude	. 6/		
Date & Time of Sampling: 23rd to 24th January 2023, 11:00 AM		Longitude			
Sample Collected By: RAJAS LABORATORIES			A		
Sample Received On: 25/01/2023	Analysis Start On: 25/01/2023	Completion of Anal	lysis: 30/01/2023		
	*				

Sr. No.	Parameters	Result	Unit Standard Values as per general CPCB guidelines		Analysis Method
Chemical	Testing- 1.2.3. Atmospheric	Pollution (Ambi	ent Noise	Levels -Excluding vibrati	on)
DAY				- 100	
1.	Main Gate	69.3	ID(A)	A Van	
2.	Admin Office	62.7	dB(A)	75	CPCB's Protocol for Ambient
NIGHT	The state of the s		-		Noise Level Monitoring:2015
1.	Main Gate	62.5	IDCAN		
2.	Admin Office	58.7	dB(A)	70	

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-117	HTC SL-1350	Valid Up to 04/07/2023

Terms & Conditions:

1. The above results pertain only to the sample tested.
2. This certificate in full or in part shall not be used for advertising or legal action.
3. Test Report cannot be re-produced except in full, without the written permission from the Laboratory.
4. The sample will be destroyed after 5 days. & I morths from the date of issue of test report for perishable items respectively.
5. The above tested product no way implies that the product, process, services, management and system or person is approved by NABL.
6. Fees 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 poyable by the client.
7. MoDF & CC recognition valid till 15/01/2024.

Reviewed By

Kshitij Tamhane (TM Env.) **Authorized Signatory**

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Page 1 Of 1 END OF REPORT Authorised By







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Report No.: RL/TR/2023/01-197			Issue Date: 30/01/2023	
Name of Customer: M/S. METAROLLS ISPAT PVT, LTD		SAMPLE REFERENCE		
Address of Customer: Gut No. 48, Adjacent to MIDC Phase-II, Daregaon, Jalna – 431213. Mobile- 7720003290 GSTIN- 27AADCM3474C1ZN		Sample Type	Work place noise monitoring	
		Codification No	RLC-01/187	
		Your Reference	Verbal	
		Reference Date	-	
		Sample ID	·	
Sampling Plan Reference No.: 04/01		Latitude	- 1	
Date & Time of Sampling: 23rd January 2023, 04:30 PM Sample Collected By: RAJAS LABORATORIES		Longitude		
Sample Received On: 25/01/2023 Analysis Start On: 25/01/2023		Completion of Analy	vsis: 30/01/2023	

Sr. No.	Parameters	Result	Unit	Standard Values as per general CPCB guidelines	Analysis Method
Chen	nical Testing- 1.2.3. Atmospheric	Pollution (Ambie	nt Noise Levels	-Excluding vib	ration)
1.	Furnace Shed	68.5	dB(A)		RL-SOP-C-34, Ver.001, Issue Date 01
		ma .		90	
2.	Casting Area	70.4	dB(A)	90	April:2022

Remark (If Any):

Sr. No.	Instrument ID	Make	Calibration Status
01.	RL/INS/NM/C-117	HTC SL-1350	Valid Up to 04/07/2023

Terms & Conditions:

1. The above results pertain only to the sample tensed.
2. This certificate in full or in part shall not be used for advertising or legal action.
3. Test Report cannot be re-produced except in full, without the written permission from the Laboratory.
4. The sample will be destroyed after 5 days. 8.1 months from the date of issue of test report for perishable & nonperishable items respectively.
5. The above tested product no way implies that the product, process, services, management and system or person is approved by NABL.
6. Fees not established between the company and the clients 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 toxes shall be payable by the client.
7. MoEF & CC recognition valid till 15:01/2024.

Reviewed By

Kshitij Tamhane (TM Env.) **Authorized Signatory**

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Page 1 Of 1 END OF REPORT Authorised By







RAJAS LABORATORIES

Recognized by AGMARK, MoEF & 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-R20-01A

Report No	:: RL/TR/2023/01-198				RL-R20-01/ Issue Date: 30/01/202
	istomer: M/S. METAROLLS ISPAT PV	T. LTD	SAMPLE I	REFERENCE	20000 2000 2010 11404
in the court of the latest section of the	Customer:	1.010	Sample Nar		Surface Water
	Adjacent to MIDC Phase-II, Daregaon, Jo	ılna – 431213.	Nature of S	No de service de la constante	Colourless Clear Liquid
Mobile- 7720003290			Brand Nam		
GSTIN- 27AADCM3474C1ZN			Batch No.	C .	
			Sample Cor	dainer	Plastic Container
			Sample Qui	ALCOHOL: THE REAL PROPERTY OF THE PERTY OF T	Chemical-5 Liters & Biological – 1 Liter
			Mfg. Dt/Us	Probability and the second	-
Sampling M	Method: RL-MSP-P38		Date of San	upling & Time	24/01/2023, 09:30 AM
Sampling Pl	lan: 04/01		Location of	Sampling	Moti Pond
-	ntification of the item: NA.		Environmer	ntal Condition	Stored at 2-8°C
-	n No: RLC-01/188 & RLM-01/64		Expiry Date		
	lected By: RAJAS LABORATORIES		Mfg. By: -		
		Anchoris Start (Iv. 35 to) 2023		of Amboin 2001 P	222
Sample Rec	reived On: 25/01/2023	Analysis Start On: 25/01/2023	Completion	of Analysis: 30/01/20	
No.	Parameters	Results	Standard Values	Unit	Analysis Method
Chemical T	esting- 1.2.42, Water (Surface Water)			1	
1.	Colour	BDL [DL=1]	-	Hazen	IS 3025(Part 4):2021
2.	Temperature	23.2	. 6	*C	APHA 23rd EDITION:2017
3.	pH at 25°C	7.35			IS 3025 (Part 11):1983 (Reaffirmed 2017)
4.	Calcium as Ca	43.01	400	mg/l	IS 3025 (Part 40):1991(Reaffirmed 2019)
5.	Magnesium as Mg	17.19	(E./Sto)	mg/l	APHA 23rd EDITION:2017
6.	Chloride as Cl	75.01		mg/l	IS 3025 (Part 32): 1988 (Reaffirmed 2019)
7.	Total Alkalinity as CaCO3	155.87		mg/l	IS 3025 (Part 23): 1986 (Reaffirmed -2019)
8.	Total Dissolved Solid at 180°C	342.96		mg/l	IS 3025 (Part 16): 1984 (Reaffirmed 2017)
9.	Total Hardness as CaCO ₃	108.23	1	mg/l	IS 3025 (Part 21): 2009 (Reaffirmed 2019)
10.	Turbidity	1.45		NTU	IS 3025 (Part 10): 1984 (Reaffirmed 2017)
11.	Electrical Conductivity at 25°C	528,69		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 ₄)	47.22		mg/l	IS 3025(Part 24):1986 (Reaffirmed 2009)
14.	Ammonia (as NH ₃)	BDL [DL=0.1]		mg/l	APHA 23rd EDITION:2017 4500-NH ₃ C
15.	Nitrate (as NO ₅ ')	1.02		mg/l	IS 3025(Part 34):1988 (Reaffirmed 2019)
16.	Nitrite (as NO ₂ -)	BDL [DL-1]	-	mg/l	IS 3025(Part 34):1988 (Reaffirmed 2019)
17.	Phosphate (as PO ₄)	1.54	*	mg/l	IS 3025(Part 31):1988 (Reaffirmed 2021)
18.	Dissolved Oxygen	7,80		mg/I	APHA 23rd EDITION:2017
19.	Calcium Hardness	109.33		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)	36.05		mg/l	1S 3025 (Part 45): 1993 (Reaffirmed -2019)
22.	Potassium (as K)	7.93		mg/l	IS 3025 (Part 45): 1993 (Reaffirmed -2019)
23.	Chemical Oxygen Demand (COD			mg/l	IS 3025 (Part 58) (Reaffirmed – 2017)
24.	Biochemical Oxygen Denund (BO	D) 6.00	+	mg/1	IS 3025 (Part 44) (Reaffirmed - 2019)
	Testing- 1.1.28. Water (Surface Water)			1	
1.	Total coliform	1600	-	MPN/100ml	1S 1622-1981 (Reaffirmed-2019)
2.	Faccal coliform	900		MPN/100ml	IS 1622-1981 (Reaffirmed-2019)
3.	E. coli	Present	*	MPN/100ml	IS 1622-1981 (Reaffirmed-2019)

Remark (If Any):

Terms & Conditions:

This certificise 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 wristen permanens from the Laboratory.
 The county will be destroyed other School 6.1 months from the data of some of test smooth for period of the county.

4. The sample will be destroyed after 5 days & 1 months from the date of usue of test report for periodable 5. The above tested product no way implies that the product, process, services, summarized end system or

7. Medit & CC recognition valid till 13/01/2019 Reviewed By

Lonate (TM Chem) & Pawar (TM Micro) Authorized Signatory SHASTRINAGAR KEDGAON *

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Which are onlying to change) and all applicable terms still be payable by the cl

Raju Ghule (LMR) Authorized Signatory

Page 1 Of 1 END OF REPORT

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TEST REPORT

RL-R20-01A

Report No	o.: RL/TR/2023/01-199				Issue Date: 30/01/20
Name of C	ustomer: M/S, METAROLLS ISPAT PVT	LTD	SAMPLE R	EFERENCE	
Address of	f Customer:	***************************************	Sample Nam	Marine and the second second	Ground Water
	3, Adjacent to MIDC Phase-II, Daregaon, Jul	na -431213.	Nature of Sa		Colourless Clear Liquid
Mobile- 77	720003290 7AADCM3474C1ZN		Brand Name	8	-
301114- 21	AADCMS4/ACIZN		Batch No.		
			Sample Cont	ainer	Plastic Container
			Sample Quar		Chemical-5 Liters & Biological - 1 Liter
			Mfg. Dt/Use	ed By	
Sampling N	Method: RL-MSP-P38		Date of Samp	pling & Time	24/01/2023, 10:00 AM
Sampling P	Plan: 04/01		Location of S	Sampling	Daregaon Village
Juique Ide	entification of the item; NA.		Environment	al Condition	Stored at 2-8°C
	on No: RLC-01/189 & RLM-01/65		Expiry Date		1.
	flected By: RAJAS LABORATORIES		Mfg. By: -	-	
Sample Rec	ceived On: 25/01/2023	Analysis Start On: 25/01/2023	Completion	of Analysis: 30/01/20	023
Sr.			Completion		
No.	Parameters	Results	Standard Values	Unit	Analysis Method
hemical '	Testing- 1.2.42. Water (Ground Water)			00	
1.	Colour	BDL [DL=1]		Hazen	IS 3025(Part 4):2021
2.	Temperature	23.5	- 1	°C	APHA 23rd EDITION:2017
3.	pH at 25°C	7.56	200		IS 3025 (Part 11):1983 (Reaffirmed 2017)
4.	Calcium as Ca	84.10	AL HAND	mg/l	IS 3025 (Part 40):1991(Reaffirmed 2019)
5.	Magnesium as Mg	28.31		mg/l	APHA 23rd EDITION:2017
6.	Chloride as Cl	114.89	PRV	mg/l	IS 3025 (Part 32): 1988 (Reaffirmed 2019)
7.	Total Alkalinity as CaCO3	201.35	18	mg/l	IS 3025 (Part 23): 1986 (Reaffirmed -2019)
8.	Total Dissolved Solid at 180°C	496.98	- To-	mg/I	IS 3025 (Part 16): 1984 (Reaffirmed 2017)
9.	Total Hardness as CaCO ₃	224.12		mg/l	IS 3025 (Part 21): 2009 (Reaffirmed 2019)
10.	Turbidity	1.59		NTU	IS 3025 (Part 10): 1984 (Reaffirmed 2017)
11.	Electrical Conductivity at 25°C	769.41	*	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 ₄)	46.71		mg/l	IS 3025(Part 24):1986 (Reaffirmed 2009)
14.	Ammonia (as NH ₃)	BDL [DL=0.1]		mg/l	APHA 23rd EDITION:2017 4500-NH ₃ C
15.	Nitrate (as NO ₃ ')	1.25		mg/l	IS 3025(Part 34):1988 (Reaffirmed 2019)
16.	Nitrite (as NO ₂)	BDL [DL-1]	,	mg/l	IS 3025(Part 34):1988 (Reaffirmed 2019)
17.	Phosphate (as PO ₄)	1.06		mg/l	IS 3025(Part 31):1988 (Reaffirmed 2021)
18.	Dissolved Oxygen	1.50		mg/l	APHA 23rd EDITION:2017
19.	Calcium Hardness	211.64		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)	21.22		mg/l	IS 3025 (Part 45): 1993 (Reaffirmed -2019)
22.	Potassium (as K)	3.78	*	mg/l	IS 3025 (Part 45): 1993 (Reaffirmed -2019)
23.	Chemical Oxygen Demand (COD)	15.80	-	mg/l	IS 3025 (Part 58) (Reaffirmed - 2017)
24.	Biochemical Oxygen Demand (BOD	3.00	•	mg/l	IS 3025 (Part 44) (Reaffirmed - 2019)
	Testing- 1.1.28. Water (Ground Water)				
1.	Total coliform	140	*	MPN/100ml	IS 1622-1981 (Reaffirmed-2019)
2.	Faecal coliform	<2		MPN/100ml	IS 1622-1981 (Reaffirmed-2019)
3.	E. coli	Absent		MPN/00ml	IS 1622-1981 (Reaffirmed-2019)

Remark (If Any):

Terms & Conditions:

Reviewed By

Lomate (TM Chem) & Pawar (TM Micro)

Authorized Signatory

SHASTRINAGAR KEDGAON ONAGAR-

ABORA

Authorised By

Raju Ghule (LMR) **Authorized Signatory**

Page 1 Of 1 END OF REPORT







TEST REPORT

Report No.: RL/TR/2023/02-300			RL-R20-01B	
	C 100 100 000 000		Issue Date: 04/03/2023	
Name of Customer: M/S. METAROLI	LS ISPAT PVT, LTD	SAMPLE REFERENCE		
Address of Customer:		Sample Type	Ambient air quality monitoring	
Gut No. 48, Adjacent to MIDC Pha	se-II, Daregaon, Jalna – 431213.	Your Reference	Verbal	
Mobile- 7720003290		Reference Date		
GSTIN- 27AADCM3474C1ZN		Sample ID		
Sampling Plan Reference No.: 04/02		Sample Location	Near Main Gate	
Date & Time of Sampling: 21st to 22nd I	ebruary 2023, 10.00 AM	Latitude	·	
Codification No: RLC-02/284		Longitude	. // . //	
ENVIRONMENTAL CONDITIONS		Sample Collected By	RAJAS LABORATORIES	
Min. Temperature	24°C	Min. Rel. Humidity	35.0%	
Max. Temperature	28°C	Max. Rel. Humidity	39.0%	
Sample Received On: 23/02/2023	Analysis Start On: 23/02/2023	Completion of Analysis		

Sr. No.	Parameters	Result	Unit	Standard Values as per NAAOMS	Analysis Method
Chemi	cal Testing- 1.2.3. Atmospheric Pollutio	n (Ambient Air)	-	A W	
1.	Sulfur Dioxide (SO ₂)	12.54	μg/m³	80	IS 5182 (Part 2):2001
2.	Oxides of Nitrogen (NOx)	24.18	μg/m³	80	IS 5182 (Part 6):2006
3.	Particulate Matter 10 (µ) (PM 10)	93.66	μg/m³	100	IS 5182 (Part 23):2006
4.	Particulate Matter 2.5 (µ) (PM 2.5)	40.58	μg/m³	60	CPCB Guidelines: NAAQMS/36/2012-13
5.	Ozone (O ₃)	10.24	μg/m³	100	IS 5182 (Part 9):1974
6.	Ammonia (NH ₃)	17.56	μg/m³	400	CPCB Guidelines: NAAQMS/36/2012-13
7.	Benzene (C ₆ H ₆)	BDL [DL = 0.1]	μg/m³	5	IS 5182 (Part 11):2006
8.	Benzo-a-pyrene (BaP)	BDL [DL = 0.5]	ng/m³	1	CPCB Guidelines: NAAQMS/36/2012-13
9.	Carbon Monoxide (CO)	1,22	mg/m³	4	IS 5182 (Part 10):1999
10.	Lead (Pb)	BDL [DL = 0.1]	μg/m³	1	IS 5182 (Part 22):2004
11.	Arsenic (As)	BDL [DL = 2]	ng/m³	6	CPCB Guidelines: NAAQMS/36/2012-13
12.	Nickel (Ni)	BDL [DL = 5]	ng/m³	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-120	Asha Enviro	Valid Up to 04/07/2023
02.	RL/INS/FDS/C-124	Asha Enviro	Valid Up to 04/07/2023

Terms & Conditions:

1. The above results pertain only to the sample tested

2. This certificate in full or in part shall not be used for advertising or legal action.

3. Test Report cannot be re-produced except in full, without the written permission from the Laboratory

4. The sample will be destroyed after 5 days & i months from the date of usus of test report for perturbable, works are passed with the sample will be destroyed after 5 days & i months from the date of usus of test report for perturbable, works are possible items respectively.

5. The above tested product no way implies that the product, process, services, management safe years or person appropriately NABL.

6. Fees not established between the company and the client at the time the order is placed or company in negotiated shall be approximately a tested or company in the production of the process of the process of the process of the production of the process of

ompany's standard rate (Which are subject to change) and all applicable toxes shall be payable by the client.

Reviewed By

Kshftij Tamhane (TM Env.) Authorized Signatory

SHASTRINAGAR KEDGAON

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Raju Ghule (LMR) Authorized Signatory

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Page 1 Of 1 END OF REPORT







TEST REPORT

RI - R20-01R

Banard Ma - BL /TD /2022/92 201			KL-K20-01B	
Report No.: RL/TR/2023/02-301			Issue Date: 04/03/2023	
Name of Customer: M/S. METAROLLS ISPAT PVT, LTD		SAMPLE REFERENCE		
Address of Customer:		Sample Type	Ambient air quality monitoring	
Gut No. 48, Adjacent to MIDC Phase-II, Daregaon, Jalna – 431213. Mobile- 7720003290 GSTIN- 27AADCM3474C1ZN		Your Reference	Verbal	
		Reference Date		
		Sample ID		
Sampling Plan Reference No.: 04/02		Sample Location	Near Furnace Shed	
Date & Time of Sampling: 21st to 22nd F	ebruary 2023, 10.20 AM	Latitude		
Codification No: RLC-02/285		Longitude Sample Collected By		
ENVIRONMENTAL CONDITIONS:			RAJAS LABORATORIES	
Min. Temperature	24°C	Min. Rel. Humidity	31.0%	
Max. Temperature	30°C	Max. Rel. Humidity	45.0%	
Sample Received On: 23/02/2023	Analysis Start On: 23/02/2023	Completion of Analys	is: 02/03/2023	

Sr. No.	Parameters	Result	Unit	Standard Values as per NAAQMS	Analysis Method
Chemi	cal Testing- 1.2.3. Atmospheric Pollution	n (Ambient Air)		AW	
1.	Sulfur Dioxide (SO ₂)	13.22	μg/m³	80	IS 5182 (Part 2):2001
2.	Oxides of Nitrogen (NOx)	25.47	μg/m³	80	IS 5182 (Part 6):2006
3.	Particulate Matter 10 (µ) (PM 10)	92.57	μg/m³	100	IS 5182 (Part 23):2006
4.	Particulate Matter 2.5 (µ) (PM 2.5)	41.20	μg/m³	60	CPCB Guidelines: NAAQMS/36/2012-13
5.	Ozone (O ₃)	10.23	µg/m³	100	IS 5182 (Part 9):1974
6.	Ammonia (NH ₃)	16.38	μg/m³	400	CPCB Guidelines: NAAQMS/36/2012-13
7.	Benzene (C ₆ H ₆)	BDL [DL = 0.1]	μg/m³	5	IS 5182 (Part 11):2006
8.	Benzo-a-pyrene (BaP)	BDL [DL = 0.5]	ng/m³	1	CPCB Guidelines: NAAQMS/36/2012-13
9.	Carbon Monoxide (CO)	0,88	mg/m³	4	IS 5182 (Part 10):1999
10.	Lead (Pb)	BDL [DL = 0.1]	μg/m³	1	IS 5182 (Part 22):2004
11.	Arsenic (As)	BDL [DL = 2]	ng/m³	6	CPCB Guidelines: NAAQMS/36/2012-13
12.	Nickel (Ni)	BDL [DL = 5]	ng/m³	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-90	Asha Enviro	Valid Up to 04/07/2023	
02.	RL/INS/FDS/C-91	Asha Enviro	Valid Up to 04/07/2023	

1. The above results pertain only to the suspile tested.
2. This scritificate in full or in part shall not be used for advertising or legal action.
3. Test Report cannot be re-produced except in full, without the written permissions from the Laboratory.
4. The sample will be destroyed after 5 days & 1 months from the date of insue of test report for permission or respectively.
5. The above tested product no way implies that the product, process, services, management and process are permissioned by NABL.
6. For some established between the company and the client at the time the order is placed or enthal talgeting and legitle to the company's site.
7. Modif & CC recognition valid till 15:01/2024. my's standard rate (Whoch are subject to charge) and all applicable taxes shall be payable by the client.

Reviewed By

Kshitij Tamhane (TM Env.) **Authorized Signatory**

SHASTRINAGAR KEDGAON ONAGAR-

Page 1 Of 1 END OF REPORT Authorised By







TEST REPORT

RI_R20_01R

Parast No. BI /FP /2022/02 202			KL-R20-01B	
Report No.: RL/TR/2023/02-302			Issue Date: 04/03/2023	
Name of Customer: M/S. METAROLLS ISPAT PVT. LTD		SAMPLE REFERENCE		
Address of Customer:		Sample Type	Ambient air quality monitoring	
Gut No. 48, Adjacent to MIDC Phase	se-II, Daregaon, Jalna – 431213.	Your Reference	Verbal	
Mobile- 7720003290		Reference Date		
GSTIN- 27AADCM3474C1ZN		Sample ID		
Sampling Plan Reference No.: 04/02		Sample Location	Near Rolling Mill Shed	
Date & Time of Sampling: 21st to 22nd F	ebruary 2023, 10.45 AM	Latitude		
Codification No: RLC-02/286		Longitude Sample Collected By	1 1 1 1 1 1	
ENVIRONMENTAL CONDITIONS:			RAJAS LABORATORIES	
Min. Temperature	22°C	Min. Rel. Humidity	39.0%	
Max. Temperature	29°C	Max. Rel. Humidity	42.0%	
Sample Received On: 23/02/2023	Analysis Start On: 23/02/2023	Completion of Analys	is: 02/03/2023	

Sr. No.	Parameters	Result	Unit	Standard Values as per NAAQMS	Analysis Method
Chemi	cal Testing- 1.2.3. Atmospheric Pollution	n (Ambient Air)	1	AV	
1.	Sulfur Dioxide (SO ₂)	14.65	μg/m³	80	IS 5182 (Part 2):2001
2.	Oxides of Nitrogen (NOx)	29.58	μg/m³	80	IS 5182 (Part 6):2006
3.	Particulate Matter 10 (µ) (PM 10)	88.94	μg/m³	100	IS 5182 (Part 23):2006
4.	Particulate Matter 2.5 (µ) (PM 2.5)	33,36	μg/m³	60	CPCB Guidelines: NAAQMS/36/2012-13
5.	Ozone (O ₃)	10.26	µg/m³	100	IS 5182 (Part 9):1974
6.	Ammonia (NH ₃)	15.69	μg/m³	400	CPCB Guidelines: NAAQMS/36/2012-13
7.	Benzene (C ₆ H ₆)	BDL [DL = 0.1]	μg/m³	5	IS 5182 (Part 11):2006
8.	Benzo-a-pyrene (BaP)	BDL [DL = 0.5]	ng/m³	1	CPCB Guidelines: NAAQMS/36/2012-13
9.	Carbon Monoxide (CO)	0,91	mg/m³	4	IS 5182 (Part 10):1999
10.	Lead (Pb)	BDL [DL = 0.1]	μg/m³	1	IS 5182 (Part 22):2004
11.	Arsenic (As)	BDL [DL = 2]	ng/m³	6	CPCB Guidelines: NAAQMS/36/2012-13
12.	Nickel (Ni)	BDL [DL = 5]	ng/m³	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:

1. The above results pertain only to the sample tested.

2. This certificate in full or in part shall not be used for advertising or legal action.

3. Test Report cannot be re-produced except in full, without the written permission from the Lab.

4. The sample will be destroyed after 5 days & 1 months from the date of issue of test report of

5. The above tested product no way implies that the product, process, services, management of

6. Fees not established between the company and the client at the time the order is placed of

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Reviewed By

Kshitij Tamhane (TM Env.) Authorized Signatory

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Raju Ghule (LMR) **Authorized Signatory**

Page 1 Of 1 END OF REPORT







TEST REPORT

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Barred Mar DI (PD (2022) W2 202			KL-K20-01B	
Report No.: RL/TR/2023/02-303			Issue Date: 04/03/2023	
Name of Customer: M/S. METAROLLS ISPAT PVT, LTD		SAMPLE REFERENCE		
Address of Customer:		Sample Type	Ambient air quality monitoring	
Gut No. 48, Adjacent to MIDC Pha	se-II, Daregaon, Jalna – 431213.	Your Reference	Verbal	
Mobile- 7720003290		Reference Date		
GSTIN- 27AADCM3474C1ZN		Sample ID		
Sampling Plan Reference No.: 04/02		Sample Location	Daregaon Village	
Date & Time of Sampling: 21st to 22nd F	ebruary 2023, 11.30 AM	Latitude	-	
Codification No: RLC-02/287		Longitude Sample Collected By	. / . /	
ENVIRONMENTAL CONDITIONS:			RAJAS LABORATORIES	
Min. Temperature	23°C	Min. Rel. Humidity	35.0%	
Max. Temperature	30°C	Max. Rel. Humidity	45.0%	
Sample Received On: 23/02/2023	Analysis Start On: 23/02/2023	Completion of Analysi	The state of the s	

Sr. No.	Parameters	Result	Unit	Standard Values as per NAAQMS	Analysis Method
Chemi	cal Testing- 1.2.3. Atmospheric Pollution	n (Ambient Air)	1	AT	
1.	Sulfur Dioxide (SO ₂)	13.58	μg/m³	80	IS 5182 (Part 2):2001
2.	Oxides of Nitrogen (NOx)	29.67	μg/m³	80	IS 5182 (Part 6):2006
3.	Particulate Matter 10 (µ) (PM 10)	81.25	μg/m³	100	IS 5182 (Part 23):2006
4.	Particulate Matter 2.5 (µ) (PM 2.5)	35.48	μg/m³	60	CPCB Guidelines: NAAQMS/36/2012-13
5.	Ozone (O ₃)	9.64	μg/m³	100	IS 5182 (Part 9):1974
6.	Ammonia (NH ₃)	11.26	μg/m³	400	CPCB Guidelines: NAAQMS/36/2012-13
7.	Benzene (C ₆ H ₆)	BDL [DL = 0.1]	μg/m³	5	IS 5182 (Part 11):2006
8.	Benzo-a-pyrene (BaP)	BDL [DL = 0.5]	ng/m³	1	CPCB Guidelines: NAAQMS/36/2012-13
9.	Carbon Monoxide (CO)	0,52	mg/m³	4	IS 5182 (Part 10):1999
10.	Lead (Pb)	BDL [DL = 0.1]	μg/m³	1	IS 5182 (Part 22):2004
11.	Arsenic (As)	BDL [DL = 2]	ng/m³	6	CPCB Guidelines: NAAQMS/36/2012-13
12.	Nickel (Ni)	BDL [DL = 5]	ng/m³	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-118	Asha Enviro	Valid Up to 04/07/2023
02.	RL/INS/FDS/C-119	Asha Enviro	Valid Up to 04/07/2023

Terms & Conditions:

Reviewed By

1 The above results pertain only to the sample tested.
2 This certificate in full or in part shall not be used for advertising or legal action.
3 Test Report cannot be re-produced except in full, without the written permission from the Laboratory.
4 The sample will be destroyed after 5 days & 1 incentia from the date of issue of test report for pertaining appropriate.
5 The above tested produce no way implies that the product, process, services, management of a part of performing the feet and the content of the product of the content of the product of the content of the performance of the perfor

Kshitij Tamhane (TM Env.) Authorized Signatory

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Page 1 Of 1 END OF REPORT Authorised By

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Raju Ghule (LMR) Authorized Signatory

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TEST REPORT

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Report No.: RL/TR/2023/02-304			Issue Date: 04/03/2023
Name of Customer: M/S. METAROLI	LS ISPAT PVT. LTD	SAMPLE REFERENC	E
Address of Customer:		Sample Type	Ambient air quality monitoring
Gut No. 48, Adjacent to MIDC Pha	se-II, Daregaon, Jalna – 431213.	Your Reference	Verbal
Mobile- 7720003290		Reference Date	
GSTIN-27AADCM3474C1ZN		Sample ID	
Sampling Plan Reference No.: 04/02		Sample Location	Jamwadi Village
Date & Time of Sampling: 21st to 22nd I	ebruary 2023, 12.00 PM	Latitude	- 4000
Codification No: RLC-02/288		Longitude	. / . /
ENVIRONMENTAL CONDITIONS		Sample Collected By	RAJAS LABORATORIES
Min. Temperature	23°C	Min. Rel. Humidity	32.0%
Max. Temperature	29°C	Max. Rel. Humidity	39.0%
Sample Received On: 23/02/2023	Analysis Start On: 23/02/2023	Completion of Analysi	s: 02/03/2023

Sr. No.	Parameters	Result	Unit	Standard Values as per NAAQMS	Analysis Method
Chemi	cal Testing- 1.2.3. Atmospheric Pollution	n (Ambient Air)		A W	
1.	Sulfur Dioxide (SO ₂)	10.69	μg/m³	80	IS 5182 (Part 2):2001
2.	Oxides of Nitrogen (NOx)	23.66	μg/m³	80	IS 5182 (Part 6):2006
3.	Particulate Matter 10 (µ) (PM 10)	89.45	μg/m³	100	IS 5182 (Part 23):2006
4.	Particulate Matter 2.5 (µ) (PM 2.5)	31.25	µg/m³	60	CPCB Guidelines: NAAQMS/36/2012-13
5.	Ozone (O ₃)	11.24	μg/m³	100	IS 5182 (Part 9):1974
6.	Ammonia (NH ₃)	18.98	μg/m³	400	CPCB Guidelines: NAAQMS/36/2012-13
7.	Benzene (C ₆ H ₆)	BDL[DL = 0.1]	μg/m³	5	IS 5182 (Part 11):2006
8.	Benzo-a-pyrene (BaP)	BDL[DL = 0.5]	ng/m³	1	CPCB Guidelines: NAAQMS/36/2012-13
9.	Carbon Monoxide (CO)	0.56	mg/m³	4	IS 5182 (Part 10):1999
10.	Lead (Pb)	BDL [DL = 0.1]	μg/m³	1	IS 5182 (Part 22):2004
11,	Arsenic (As)	BDL [DL = 2]	ng/m³	6	CPCB Guidelines: NAAQMS/36/2012-13
12.	Nickel (Ni)	BDL [DL = 5]	ng/m³	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-114	Asha Enviro	Valid Up to 04/07/2023
02.	RL/INS/FDS/C-115	Asha Enviro	Valid Up to 04/07/2023

Terms & Conditions:

1. The above results pertain only to the sample tested

2. This certificate in full or in part shall not be used for advertising or legal action.

3. Test Report cannot be re-produced except in full, without the written permission from the Laboratory

4. The sample will be destroyed after 5 days & I months from the date of issue of test report for posterior & sometimes.

5. The above tested produce the way implies that the product, process, services, management up, system to be produced on the product of the client of the time the order is placed our attribute in expectation shall be recognition valid till 15/01/2024.

's standard rate (Which are subject to ch ec) and all applicable taxes shall be payable by the client.

Reviewed By

Kshitij Tamhane (TM Env.) **Authorized Signatory**

SHASTRINAGAR KEDGAON ONAGAR-

Page 1 Of 1 END OF REPORT Authorised By

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TEST REPORT

RL-R20-01B

Paraet No. 101 FD (2022)02 205				
Report No.: RL/TR/2023/02-305			Issue Date: 04/03/2023	
Name of Customer: M/S. METAROLI	LS ISPAT PVT. LTD	SAMPLE REFERENCE		
Address of Customer:		Sample Type	Ambient air quality monitoring	
Gut No. 48, Adjacent to MIDC Phas	se-II, Daregaon, Jalna – 431213.	Your Reference	Verbal	
Mobile- 7720003290		Reference Date		
GSTIN- 27AADCM3474C1ZN		Sample ID		
Sampling Plan Reference No.: 04/02		Sample Location	Yogeshwari Nagar	
Date & Time of Sampling: 21st to 22nd F	cbruary 2023, 12.40 PM	Latitude	. // . //	
Codification No: RLC-02/289		Longitude		
ENVIRONMENTAL CONDITIONS:		Sample Collected By	RAJAS LABORATORIES	
Min. Temperature	23°C	Min. Rel. Humidity	34.0%	
Max. Temperature	29°C	Max. Rel. Humidity	39.0%	
Sample Received On: 23/02/2023	Analysis Start On: 23/02/2023	Completion of Analys	is; 02/03/2023	

Sr. No.	Parameters	Result	Unit	Standard Values as per NAAQMS	Analysis Method
Chemi	cal Testing- 1.2.3. Atmospheric Pollution	n (Ambient Air)	-	Alex V	
1.	Sulfur Dioxide (SO ₂)	15.21	μg/m³	80	IS 5182 (Part 2):2001
2.	Oxides of Nitrogen (NOx)	29.96	μg/m³	80	IS 5182 (Part 6):2006
3.	Particulate Matter 10 (µ) (PM 10)	90.31	μg/m³	100	IS 5182 (Part 23):2006
4.	Particulate Matter 2.5 (µ) (PM 2.5)	36.54	μg/m³	60	CPCB Guidelines: NAAQMS/36/2012-13
5.	Ozone (O ₃)	8.58	μg/m³	100	IS 5182 (Part 9): 1974
6.	Ammonia (NH ₃)	11.98	μg/m³	400	CPCB Guidelines: NAAQMS/36/2012-13
7.	Benzene (C ₆ H ₆)	BDL [DL = 0.1]	μg/m³	5	IS 5182 (Part 11):2006
8.	Benzo-a-pyrene (BaP)	BDL [DL = 0.5]	ng/m³	1	CPCB Guidelines: NAAQMS/36/2012-13
9.	Carbon Monoxide (CO)	0.59	mg/m³	4	IS 5182 (Part 10):1999
10.	Lead (Pb)	BDL [DL = 0.1]	μg/m³	1	IS 5182 (Part 22):2004
11.	Arsenic (As)	BDL [DL = 2]	ng/m³	6	CPCB Guidelines: NAAQMS/36/2012-13
12.	Nickel (Ni)	BDL [DL = 5]	ng/m³	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:

1. The above results pertain only to the sample tested
2. This certificate in full or in part shall not be used for advertising or legal action
3. Test Report cannot be re-produced except in full, without the written permission from the Laboratory
4. The sample will be destroyed after 5 days & 1 months from the date of issue of test report for pertaining a perpendiable items respect
5. The above tested product no way implies that the product, process, services, management and space in second by NADL.
6. For not established between the company and the client at the time the order is placed to contract to the product of the company of the client at the time the order is placed to contract to the company of the client at the time the order is placed to contract to the company of the client at the time the order is placed to contract to the company of the client at the time the order is placed to contract the company of the company of the client at the time the order is placed to contract the company of the company of the client at the time the order is placed to contract the company of the client at the time the order is placed to contract the company of the client at the time the order is placed to contract the company of the client at the time the order is placed to contract the company of the client at the company of the client at the company of the client at the cl at the company's standard rate (Whach are subject to change) and all applicable taxes shall be payable by the client.

Reviewed By

Kshitij Tamhane (TM Env.) Authorized Signatory

SHASTRINAGAR KEDGAON ONAGAR-A Page 1 Of 1

END OF REPORT

Raju Ghule (LMR) Authorized Signatory

Authorised By

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







TEST REPORT

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Description of the property and			KL-R20-01C	
Report No.: RL/TR/2023/02-306			Issue Date: 04/03/2023	
Name of Customer: M/S. METAROLLS ISPAT PVT. LTD		SAMPLE REFERENCE		
Address of Customer:		Sample Type	Stack Emission Monitoring	
Gut No. 48, Adjacent to MIDC Pha	se-II, Daregaon, Jalna – 431213.	Your Reference	Verbal	
Mobile- 7720003290		Reference Date	-	
GSTIN- 27AADCM3474C1ZN		Sample ID		
		Sample Location	Furnace Stack - 1	
Sampling Plan Reference No.: 04/02		Latitude		
	Date & Time of Sampling: 21st February 2023, 11.30 AM		. 60	
Codification No: RLC-02/290		Sample Collected By	RAJAS LABORATORIES	
STACK DETAILS:		Stack Material	MS	
Stack ID	1	Fuel Consumption		
Stack Height	32 Meters	Flue Gas Temperature	92.4°C	
Stack Fuel	Electricity	Flue Gas Velocity	3.2 m/s	
Sample Received On: 23/02/2023	Analysis Start On: 23/02/2023	Completion of Analysis:		
		The state of the s	Personal Production Control of the C	

Sr. No.	Parameters	Result	Unit	Standard Values as per MPCB Consent	Analysis Method
Chem	nical Testing- 1.2.3. Atmospheric Poll	ution (Stack	Emission)	2	
1.	Sulfur Dioxide (SO ₂)	1.97	ppm	Not to exceed 80 ppm	IS 11255 (Part 2): 1985
2.	Total Particulate Matter (TPM)	51.27	mg/Nm³	Not to exceed 100 mg/Nm ³	IS 11255 (Part 1): 1985
3.	Oxides of Nitrogen (NOx)	3.36	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-94	Asha Enviro	Valid Up to 04/07/2023
DDI DI D	KL/IIN3/31K/C-94	Asna Enviro	

BDL = Below Detection Limit, DL = Detection Limit

Terms & Conditions:

1. The above results pertain only to the sample tested.
2. This certificate in full or in part shall not be used for advertising or legal action.
3. Test Report cannot be re-produced except in full, without the written permission from the Laboratory.
4. The sample will be destroyed after 5 days &: I months from the date of issue of test report for persubable & nonperishable items respectively.
5. The above tested product no way implies that the product, process, services, management and system or person is approved by NABL.
6. Fees not established between the company and the client at the time the order is placed or contract is negotisted shall be at the company's standard rate (Which are subject to change) and all applicable toom shall be payable by the client, 7, MoIF & CC recognition valid till 15/01/2024.

Reviewed By

Kshitij Tamhane (TM Env.) Authorized Signatory

BORA SHASTRINAGAR KEDGAON DNAGAR

> Page 1 Of 1 END OF REPORT

Authorised By







TEST REPORT

RL-R20-01C

Panest No DI /TD /2022/02 202			RL-R20-01C	
Report No.: RL/TR/2023/02-307			Issue Date: 04/03/2023	
Name of Customer: M/S. METAROLI	LS ISPAT PVT. LTD	SAMPLE REFERENCE		
Address of Customer:		Sample Type	Stack Emission Monitoring	
Gut No. 48, Adjacent to MIDC Pha	se-II, Daregaon, Jalna – 431213.	Your Reference	Verbal	
Mobile- 7720003290		Reference Date	-	
GSTIN- 27AADCM3474C1ZN		Sample ID	-	
		Sample Location	Furnace Stack - 2	
Sampling Plan Reference No.: 04/02		Latitude		
Date & Time of Sampling: 21st February	y 2023, 01.15 PM	Longitude		
Codification No: RLC-02/291		Sample Collected By	RAJAS LABORATORIES	
STACK DETAILS:		Stack Material	MS	
Stack ID	2	Fuel Consumption		
Stack Height	32 Meters	Flue Gas Temperature	87.9°C	
Stack Fuel	Electricity	Flue Gas Velocity	4.0 m/s	
Sample Received On: 23/02/2023	Analysis Start On: 23/02/2023	Completion of Analysis:		

Sr. No.	Parameters	Result	Unit	Standard Values as per MPCB Consent	Analysis Method
Chem 1.	Sulfur Dioxide (SO ₂)	ution (Stack	Emission)	Not to exceed	IS 11255 (Part 2): 1985
	Total Particulate Matter (TPM)	39.65	mg/Nm³	Not to exceed 100 mg/Nm ³	IS 11255 (Part 1): 1985
3.	Oxides of Nitrogen (NOx)	1.92	ppm	Not to exceed	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-94	Asha Enviro	Valid Up to 04/07/2023
DDI DI D		Asid Lityito	valid Op to 04/07/202.

BDL = Below Detection Limit, DL = Detection Limit

Terms & Conditions:

1. The above results pertain only to the sample tented.
2. This certificate in full or in part shall not be used for advertising or legal action.
3. Lest Report current be re-produced except in full, without the written permission from the Laboratory.
4. The sample will be destroyed after 5 days & 1 morniform the date of issue of test report for perishable items respectively.
5. The above tested product no way implies that the product, process, services, management and system or person is approved by NASL.
6. Fees not established between the company and the about 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.
7. MoEF & CC recognition valid till 15/01/2024.

Reviewed By

Kshitij Tamhane (TM Env.) **Authorized Signatory**

BORA SHASTRINAGAR KEDGAON DNAGAR-

Page 1 Of 1 END OF REPORT Authorised By







TEST REPORT

	-010

Report No.: RL/TR/2023/02-308			RL-R20-01C	
Name of Customer: M/S. METAROL	LS ISPAT PVT. LTD	Issue Date: 04/03/202 SAMPLE REFERENCE		
Address of Customer:	DO ISTATI TYTE DID	Sample Type	Stack Emission Monitoring	
Gut No. 48, Adjacent to MIDC Pha	se-II, Daregaon, Jalna – 431213.	Your Reference	Verbal	
Mobile- 7720003290	, , , , , , , , , , , , , , , , , , , ,	Reference Date	-	
GSTIN- 27AADCM3474C1ZN		Sample ID	-	
		Sample Location	Reheating Stack - 3	
Sampling Plan Reference No.: 04/02		Latitude	- 6	
Date & Time of Sampling: 21st Februar	y 2023, 03.05PM	Longitude		
Codification No: RLC-02/292		Sample Collected By	RAJAS LABORATORIES	
STACK DETAILS:		Stack Material	MS	
Stack ID	3	Fuel Consumption		
Stack Height	32 Meters	Flue Gas Temperature	102.5°C	
Stack Fuel	Electricity	Flue Gas Velocity	3.4 m/s	
Sample Received On: 23/02/2023	Analysis Start On: 23/02/2023	Completion of Analysis	02/03/2023	

Sr. No.	Parameters	Result	Unit	Standard Values as per MPCB Consent	Analysis Method
Chem	nical Testing- 1.2.3. Atmospheric Poll	ution (Stack	Emission)	10	
1.	Sulfur Dioxide (SO ₂)	2.21	ppm	Not to exceed 80 ppm	IS 11255 (Part 2): 1985
2.	Total Particulate Matter (TPM)	55.56	mg/Nm³	Not to exceed 100 mg/Nm ³	1S 11255 (Part 1): 1985
3.	Oxides of Nitrogen (NOx)	3.36	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-94	Asha Enviro	Valid Up to 04/07/2023
DDI DI Di i	TOTAL DISTRICT	Asiia Eliviro	

BDL = Below Detection Limit, DL = Detection Limit

Terms & Conditions:

1. The above results pertain only to the sample tested.
2. This certificate in full or in part shall not be used for advertising or legal action.
3. Test Report carenot be re-produced except in full, without the written permission from the Laboratory.
4. The sample will be destroyed after 5 days & Emonths from the date of issue of test report for perishable items respectively.
5. The above tested product no way implies that the product, process, services, missagement and system or perion is approved by NABL.
5. The above tested product no way implies that the product, process, services, missagement and system or perion is approved by NABL.
6. Fees not catabalished between the company and the client at the time the order is placed or contract is negotiated shall be in the company's standard rate (Which are subject to change) and all applicable trees shall be payable by the client.
7. MoDF & CC recognition valid till 15/01/2024.

Reviewed By

Kshitij Tamhane (TM Env.) **Authorized Signatory**



Page 1 Of 1 END OF REPORT Authorised By







TEST REPORT

Report No.: RL/TR/2023/02-309			RL-R20-01D Issue Date: 04/03/2023
Name of Customer: M/S. METAROLI	S ISPAT PVT. LTD	SAMPLE REFER	- Not particularly
Address of Customer:	SUPER HUMAN ACCORDED	Sample Type	Ambient noise level monitoring
Gut No. 48, Adjacent to MIDC Phase	se-II, Daregaon, Jalna – 431213.	Codification No	RLC-02/293
Mobile- 7720003290		Your Reference	Verbal
GSTIN- 27AADCM3474C1ZN		Reference Date	-
		Sample ID	
		Sample Location	
Sampling Plan Reference No.: 04/02		Latitude	- 11.11
Date & Time of Sampling: 21st to 22st	^{sd} February 2023, 11.00 AM	Longitude	
Sample Collected By: RAJAS LAB	ORATORIES		
Sample Received On: 23/02/2023	Analysis Start On: 23/02/2023	Completion of Anal	lysis: 02/03/2023

Sr. No.	Parameters	Result	Unit	Standard Values as per general CPCB guidelines	Analysis Method		
Chemica	l Testing- 1.2.3. Atmospheric P	Pollution (Ambi	ent Noise L				
DAY							
1.	Main Gate	70.5					
2.	Admin Office	65.1					
3.	Daregaon Village	61.5	dB(A)	dB(A)	dB(A)	75	
4.	Jamwadi Village	65.2					
5.	Yogeshwari Nagar	69.1	A		CPCB's Protocol for Ambien		
NIGHT			TOO		Noise Level Monitoring:2015		
1.	Main Gate	62.4			1		
2.	Admin Office	59.2	dB(A)		1		
3.	Daregaon Village	51.7		70			
4.	Jamwadi Village	57,3					
5.	Yogeshwari Nagar	52.4					

Remark (If Any): Above readings conforms to standard values as ner CPCB quideline

	e readings comornis to standard values as per CPC.	Editorii edi.	
Sr. No.	Instrument ID	Make	Calibration Status
01.	RL/INS/NM/C-77	HTC SL-1350	Valid Up to 04/07/2023

Terms & Conditions:

1. The above results pertain only to the sample tested.
2. This certificate in full or in port shall not be used for advertising or legal action.
3. Test Report cannot be re-produced except in full, without the written permission from the Laborator.
4. The sample will be destroyed after 5 days & I mouths from the date of issue of test report for resulting period.
5. The above tested product no way implies that the product, process, services, management and a period.
6. Fees not established between the company and the client at the time the order is placed to destroy in negotiated.
7. ModEF & CC recognition valid till 15.01/20C4.

le stoms respectively wed by NABL

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Kshitij Tamhane (TM Env.) **Authorized Signatory**

SHASTRINAGAR KEDGAON

> Page 1 Of 1 END OF REPORT

authorised By

Raju Ghule (LMR) Authorized Signatory

(c) and all applicable taxes shall be payable by the client.







TEST REPORT

RI	-	R	21).	01	ID

Report No.: RL/TR/2023/02-309A Issue Date					
Name of Customer: M/S. METAROLI	S ISPAT PVT. LTD	SAMPLE REFERENCE			
Address of Customer:		Sample Type	Work place noise monitoring		
Gut No. 48, Adjacent to MIDC Phase	se-II, Daregaon, Jalna – 431213.	Codification No	RLC-02/293A		
Mobile- 7720003290		Your Reference	Verbal		
GSTIN- 27AADCM3474C1ZN		Reference Date	-		
		Sample ID	· Pa		
Sampling Plan Reference No.: 04/02		Latitude			
Date & Time of Sampling: 21st February	2023, 04.00 PM	Longitude			
Sample Collected By: RAJAS LAB	ORATORIES				
Sample Received On: 23/02/2023 Analysis Start On: 23/02/2023		Completion of Analy	sis: 02/03/2023		

Sr. No.	Parameters	Result	Unit	Standard Values as per general CPCB guidelines	Analysis Method			
Chen	nical Testing- 1.2.3. Atmospheric	Pollution (Ambie	nt Noise Levels	-Excluding vibr	ration)			
1.	Furnace Shed	70.4	-					
1.257	Casting Area	68.5	dB(A)	dB(A)	dB(A)	dB(A)	90	RL-SOP-C-34, Ver.001, Issue I
2.	Casting Area	00.0	(11)	20	01 April:2022			

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:

1. The above results pertain only to the sample tested.
2. This certificate in full or in part shall not be used for advertising or legal action.
3. Test Report cannot be re-produced except in fail, without the written permission from the Laboratory.
4. The sample will be destroyed utier 5 days & 1 months from the date of issue of test report for perishable & nonpensionable items respectively.
5. The above tested product no way implies that the product, process, services, management and system or person is approved by NABL.
6. Fees 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 toxes shall be payable by the client.
7. MoEF & CC recognition valid till 15/01/20/24.

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Kshitij Tamhane (TM Env.) Authorized Signatory

BORA SHASTRINAGAR KEDGAON Page I OF END OF REPORT Authorised By







TECT DEDODT

Report N	lo.: RL/TR/2023/02-310					Issue Date: 04/03/202	
Name of Customer: M/S. METAROLLS ISPAT PVT. LTD					SAMPLE REFERENCE		
Address of Customer:					ime	Surface Water	
Gut No. 48, Adjacent to MIDC Phase-II, Daregaon, Jalna - 431213.					Sample	Colourless Clear Liquid	
	7720003290	are in Dan	egaon, sama 1512	Brand Nar	ne		
GSTIN- 27AADCM3474C1ZN						-	
					ontainer	Plastic Container	
					antity	Chemical-5 Liters & Biological-1 Litre	
					Ised By	- (60%)	
	Method: RL-MSP-P38				mpling & Time	22/02/2023, 10:00 AM	
	Plan: 04/02				f Sampling	Kundalika River	
	entification of the item: NA.				ental Condition	Stored at 2-8°C	
Contract to the State of the St	on No: RLC- 02/294 & RLM-02			Expiry Da			
Sample Co	ollected By: RAJAS LABORAT	ORIES		Mfg. By: -	Mfg. By: -		
Sample F	Received On: 23/02/2023	Analys	is Start On: 23/02/202	3 Completi	Completion of Analysis: 02/03/2023		
Sr. No.	Parameters		Results	Standard Values	Unit	Analysis Method	
Chemical	Testing- 1.2.42. Water (Surface	Water)				1/1	
1.	pH at 25°C		7.89	. (0)	V-	IS 3025 (Part 11):1983 (Reaffirmed 2017)	
2.	Calcium as Ca		21.91	-	mg/l	1S 3025 (Part 40):1991(Reaffirmed 2019)	
3.	Magnesium as Mg		10.02	7	mg/l	APHA 23rd EDITION:2017	
4.	Chloride as Cl		56.69		mg/l	IS 3025 (Part 32): 1988 (Reaffirmed 2019	
5.	Total Alkalinity as CaCO)3	112.33	100.0	mg/l	IS 3025 (Part 23): 1986 (Reaffirmed -2019	
6.	Total Dissolved Solid at 18	0°C	287.56		mg/l	IS 3025 (Part 16): 1984 (Reaffirmed 2017	
7.	Total Hardness as CaCO)3	86,63		mg/l	IS 3025 (Part 21): 2009 (Reaffirmed 2019	
8.	Turbidity		1.24	79 -	NTU	1S 3025 (Part 10): 1984 (Reaffirmed 2017	
9.	Electrical Conductivity at 2	5°C	554.23	7 .	μS/cm	IS 3025 (Part 14):1984 (Reaffirmed 2019)	
10.	Fluoride (as F)		BDL [DL=0.1]		mg/l	IS 3025(Part 60): 2008	
11.	Sulphate (as SO ₄)		35.64	-	mg/l	IS 3025(Part 24):1986 (Reaffirmed 2009)	
12.	Ammonia (as NH ₃)		BDL [L=0.1]		mg/l	APHA 23rd EDITION:2017 4500-NH3 C	
13.	Nitrate (as NO ₃ ')		1.98		mg/l	IS 3025(Part 34):1988 (Reaffirmed 2019)	
14.	Sodium (as Na)	A. C.	41.65	-	mg/l	IS 3025 (Part 45): 1993 (Reaffirmed -2019	
15.	Potassium (as K)		7.21		mg/l	IS 3025 (Part 45): 1993 (Reaffirmed -2019	
3iological	Testing- 1.1.28. Water (Surface	Water)					
1.	Total coliform	8700	1600	-	MPN/100ml	IS 1622-1981 (Reaffirmed-2019)	
	Total coliform Faecal coliform	P B 300	1600 1600	-	MPN/100ml MPN/100ml	IS 1622-1981 (Reaffirmed-2019) IS 1622-1981 (Reaffirmed-2019)	

Remark (If Any):

Terms & Conditions:

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Lonate (TM Chem) & Pawar (TM Micro)

Authorized Signatory

SHASTRINAGAR KEDGAON WAGAR-

Present

Page 1 Of 1 END OF REPORT

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Raju Ghule (LMR) **Authorized Signatory**

IS 1622-1981 (Reaffirmed-2019)







RAJAS LABORATORIES

Recognized by AGMARK, MoEF & 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

DI	1 1	D 7	n n	TA.
LV.	40	12.2	0-0	IA

Report	No.: RL/TR/2023/02-310						RL-R20-01A	
		T.C. ICD LT	FAX COLUMN		T		Issue Date: 04/03/202.	
	of Customer: M/S, METAROI	LS ISPAT	PVI, LTD		SAMPLE REFERENCE			
	ss of Customer:				Sample Nan		Surface Water	
Gut No	 48, Adjacent to MIDC Ph 	ase-II, Dar	egaon, Jalna - 4312	213.	Nature of Sa	mple	Colourless Clear Liquid	
	- 7720003290		Z1 11 11 11 11 11 11 11 11 11 11 11 11 1		Brand Name		-	
GSTIN	V- 27AADCM3474C1ZN				Batch No.		-	
					Sample Con	tainer	Plastic Container	
					Sample Qua	ntity	Chemical-5 Liters	
					Mfg. Dt./Us	ed By		
	g Method: RL-MSP-P38			Date of Sam	pling & Time	22/02/2023, 10:00 AM		
Sampling Plan: 04/02						Sampling	Kundalika River	
Unique Identification of the item: NA.						tal Condition	Stored at 2-8°C	
Codification No: RLC- 02/294							-	
Sample (Collected By: RAJAS LABORAT	ORIES			Mfg. By: -		9 9	
	Received On: 23/02/2023	Analysis	s Start On: 23/02/2023		Completion	of Analysis: 02/	03/2023	
Sr. No.	Parameters	72-0	Results	Stane	dard Values	Unit	Analysis Method	
Chemica	al Testing- 1.2.42. Water (Surface	e Water)						
1.	Colour		BDL [DL=1]			Hazen	IS 3025(Part 4):2021	
2.	Temperature		24.2		. (0)	°C	APHA 23rd EDITION:2017	
3.	Nitrite (as NO ₂ ')		BDL [DL=1]			mg/l	1S 3025(Part 34):1988 (Reaffirmed 2019)	
4.	Phosphate (as PO ₄)		1.32		AT DE V	mg/l	IS 3025(Part 31):1988 (Reaffirmed 2021)	
5.	Dissolved Oxygen		8.54		-	mg/l	APHA 23rd EDITION:2017	
6.	Calcium Hardness		84.63	100	0.7	mg/l	IS 3025 (Part 40):1991(Reaffirmed 2019)	
7.	Phenolphthalein Alkalini	ity	BDL [DL=5]		1	mg/l	IS 3025 (Part 23): 1986 (Reaffirmed -2019)	
8.	Chemical Oxygen Demand (COD)		21.00		7.	mg/l	IS 3025 (Part 58) (Reaffirmed – 2017)	
	Biochemical Oxygen Demand (BOD)							

Remark (If Any):

Terms & Conditions:

The above results pertain only to the sample tented.
 This confidence in full or in control of the latest for the control of the cont

This certificate in full or in part shall not be used for advertising or legal action.
 Test Report current be re-conduced except in full, without the protein parameters from the l

4. The energie will be destroyed effer 5 days & 1 mounts from the date of issue of test report for paradultin & recognitive serve respective.
5. The above rested trooked to the residuation that the model of recognitive control is the paradultin of the residuation.

6. From not established between the company and the client at time the color to produce a companion or agreement of produces of produces and the client at the color to the color to produce and the client at the color or companion or agreement or produced and the client at the color to produce at a color to produce and the client at the color to produce at a color to produ

Description valid all 15/01/2

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Lomate (TM Chem) Authorized Signatory SHASTRINAGAR KEDGAON *

Page 1 Of 1 END OF REPORT Authorised By







TEST REPORT

ULR-T(C8812	230000	00327F
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RL-R20-01A

Report No	: RL/TR/2023/02-311						Issue Date: 04/03/202	
Name of C	ustomer: M/S. METARO	LLS ISPAT	PVT, LTD	SAMPLE REFERENCE				
Address	of Customer:				Sample Name		Surface Water	
Gut No. 4	18, Adjacent to MIDC Pl	nase-II. Da	regaon Jalna – 4312	213	Nature of S	Sample	Colourless Clear Liquid	
	7720003290				Brand Nam	ic		
	27AADCM3474C1ZN				Batch No.		-	
GOIII.	MIDOMOTITOIZM				Sample Co	ntainer	Plastic Container	
					Sample Qu		Chemical-5 Liters	
				Mfg, Dt./U	The state of the s	1.		
	fethod: RL-MSP-P38					mpling & Time	22/02/2023, 11:00 AM	
Sampling Pl					Location of	Sampling	Ghanewadi Talav	
	stification of the item: NA.					ntal Condition	Stored at 2-8°C	
	1 No: RLC- 02/295 & RLM-0			Expiry Date	c			
Sample Col.	lected By: RAJAS LABORA'	FORIES		Mfg. By: -				
Sample Received On: 23/02/2023 Analysis Start On: 23/02/2023					Completion of Analysis: 02/03/2023			
Sr. No.	Parameters		Results	Stane	dard Values	Unit	Analysis Method	
Chemical T	esting- 1.2.42. Water (Surface	e Water)			Alle	-		
1.	pH at 25°C		7.51	T	-		IS 3025 (Part 11):1983 (Reaffirmed 2017)	
2.	Calcium as Ca		41.41			mg/l	IS 3025 (Part 40):1991(Reaffirmed 2019)	
3.	Magnesium as Mg		15.12			mg/l	APHA 23rd EDITION:2017	
4.	Chloride as Cl		63.66	100.0		mg/l	IS 3025 (Part 32): 1988 (Reaffirmed 2019)	
5.	Total Alkalinity as CaC	O3	141.25			mg/l	IS 3025 (Part 23): 1986 (Reaffirmed -2019	
6.	Total Dissolved Solid at 1	80°C	294.15	1		mg/l	IS 3025 (Part 16): 1984 (Reaffirmed 2017)	
7.	Total Hardness as CaC	O ₃	102.52			mg/l	IS 3025 (Part 21): 2009 (Reaffirmed 2019)	
8.	Turbidity		1.12	10	-	NTU	IS 3025 (Part 10): 1984 (Reaffirmed 2017)	
9.	Electrical Conductivity at	25°C	603.63	1	-	uS/cm	IS 3025 (Part 14):1984 (Reaffirmed 2019)	
10.	Fluoride (as F)		BDL [DL=0,1]			mg/l	IS 3025(Part 60): 2008	
11.	Sulphate (as SO ₄)		56.54			mg/l	IS 3025(Part 24):1986 (Reaffirmed 2009)	
12.	Ammonia (as NH ₃)		BDL [DL=0.1]		-	mg/l	APHA 23rd EDITION:2017 4500-NH ₃ C	
13.	Nitrate (as NO ₃ ')	- 0	1.21			mg/l	IS 3025(Part 34):1988 (Reaffirmed 2019)	
14.	Sodium (as Na)		42.28	-		mg/l	IS 3025 (Part 45): 1993 (Reaffirmed -2019	
15.	Potassium (as K)	- 6000	5.32			mg/l	IS 3025 (Part 45): 1993 (Reaffirmed -2019	
Biological T	esting- 1.1.28. Water (Surface	e Water)	/				2012	
1.	Total coliform	0.8	1600			MPN/100ml	1S 1622-1981 (Reaffirmed-2019)	
2.	Faecal coliform	. 30	900		-	MPN/100ml	IS 1622-1981 (Reaffirmed-2019)	

Remark (If Any):

Terms & Conditions:

E. coli

Present

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

SHASTRINAGAR KEDGAON

EDNAGAR-

Page 1 Of 1 END OF REPORT

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MPN/100ml

Raju Ghule (LMR) Authorized Signatory

IS 1622-1981 (Reaffirmed-2019)







RAJAS LABORATORIES

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TEST REPORT

RL-R20-01A

							KL-K20-01/A
Report 1	No.: RL/TR/2023/02-311						Issue Date: 04/03/202
Name o	f Customer: M/S. METARO	LLS ISPAT	PVT. LTD		SAMPLE R	REFERENCE	55550 5 410. 0 11 557 202
Addre	ss of Customer:				Sample Name		Surface Water
Gut No	o. 48, Adjacent to MIDC Pl	nase-II Dar	egaon Jalna – 431	213	Nature of Sa	mple	Colourless Clear Liquid
	- 7720003290		-Baon, sama 151,		Brand Name		-
GSTIN	I- 27AADCM3474C1ZN				Batch No.		
0011,	2.1110000517101211				Sample Cont	tainer	Plastic Container
					Sample Quar	ntity	Chemical-5 Liters
					Mfg. Dt./Used By		
Sampling	g Method: RL-MSP-P38			Date of Sam	pling & Time	22/02/2023, 11:00 AM	
Sampling Plan: 04/02						Sampling	Ghanewadi Talav
Unique Identification of the item: NA.						tal Condition	Stored at 2-8°C
Codification No: RLC- 02/295						46.	Acres
Sample C	Collected By: RAJAS LABORA	TORIES			Mfg. By: -		
Sample F	Received On: 23/02/2023	Analysi	s Start On: 23/02/2023		Completion	of Analysis: 02/0	03/2023
Sr. No.	Parameters		Results	Standard Values		Unit	Analysis Method
Chemica	d Testing- 1.2.42. Water (Surface	e Water)				-	
1.	Colour		BDL [DL=1]		. 1	Hazen	IS 3025(Part 4):2021
2.	Temperature		24.5		00	°C	APHA 23rd EDITION:2017
3.	Nitrite (as NO ₂)		BDL [DL=1]		C. (S)	mg/l	IS 3025(Part 34):1988 (Reaffirmed 2019)
4.	Phosphate (as PO ₄)		1.47	All		mg/l	IS 3025(Part 31):1988 (Reaffirmed 2021)
5.	Dissolved Oxygen		8.32	-01	7	mg/l	APHA 23rd EDITION:2017
6.	Calcium Hardness		92.21	-		mg/l	IS 3025 (Part 40):1991(Reaffirmed 2019)
7.	Phenolphthalein Alkalir	nity	BDL [DL=5]	10		mg/l	IS 3025 (Part 23): 1986 (Reaffirmed -2019
8.	Chemical Oxygen Demand	(COD)	18.00			mg/l	IS 3025 (Part 58) (Reaffirmed - 2017)
9.	Biochemical Oxygen Deman		3.50	1			IS 3025 (Part 44) (Reaffirmed - 2019)

Remark (If Any):

Terms & Conditions:

This certificate in full or in part shall not be used for advertising or legal

3. Test Export curran be re-produced except to full, without the written permission from the Laboratory

The sample will be destroyed after 5 days is 1 minutes from the date of some of sex report for percentable is too percentable sexus compective.
 The shows twind product may have reported the product operation.

Free Note of increases in some of the company and the citers at the time the order is placed or community and the citers of the c

Reviewed By

Lomate (TM Chem) Authorized Signatory SHASTRINAGAR KEDGAON *

Page 1 Of 1 END OF REPORT Authorised By







TEST REPORT

Report N	No.: RL/TR/2023/02-312						Issue Date: 04/03/2023
Name of	Customer: M/S. METAROL	LS ISPAT	PVT. LTD	S	AMPLE R	EFERENCE	
Addres	ss of Customer:			S	ample Nam	e	Ground Water
Gut No	. 48, Adjacent to MIDC Ph	ase-II Dar	egaon Jalna - 4312	13 N	lature of San	mple	Colourless Clear Liquid
	- 7720003290	ase ii, isui	egaon, sama 1512	В	rand Name		
	- 27AADCM3474C1ZN			В	latch No.		
OSTIN	- 2/AADCW34/4C1ZN			S	ample Cont	ainer	Plastic Container
					ample Quar		Chemical-5 Liters
					ffg. Dt./Use		-
Sampling	Method: RL-MSP-P38			D	ate of Samp	oling & Time	22/02/2023, 11:30 AM
Sampling	; Plan: 04/02			L	ocation of S	lampling	Daregaon Village
	dentification of the item: NA.			E	Environmental Condition		Stored at 2-8°C
	ion No: RLC-02/296 & RLM-02				xpiry Date Mg. By: -		1.
Sample Collected By: RAJAS LABORATORIES							
Sample R	ample Received On: 23/02/2023 Analysis Start On: 23/02/2023		0	ompletion of	of Analysis: 02/	03/2023	
Sr. No.	Parameters		Results	Standard Values		Unit	Analysis Method
Chemica	l Testing- 1.2.42. Water (Ground	l Water)			4	1	
1.	pH at 25°C		7.35		-		IS 3025 (Part 11):1983 (Reaffirmed 2017)
2.	Calcium as Ca		70.13		10.7	mg/l	IS 3025 (Part 40):1991(Reaffirmed 2019)
3.	Magnesium as Mg		27.96	6	- W	mg/l	APHA 23td EDITION:2017
4.	Chloride as Cl		91.12	-		mg/l	IS 3025 (Part 32): 1988 (Reaffirmed 2019)
5.	Total Alkalinity as CaCo	03	187.22	100	0	mg/l	IS 3025 (Part 23): 1986 (Reaffirmed -2019
6.	Total Dissolved Solid at 18	80°C	401.69			mg/l	1S 3025 (Part 16): 1984 (Reaffirmed 2017)
7.	Total Hardness as CaCo),	198.63			mg/l	IS 3025 (Part 21): 2009 (Reaffirmed 2019)
8.	Turbidity		1.11			NTU	IS 3025 (Part 10): 1984 (Reaffirmed 2017)
9.	Electrical Conductivity at 2	25°C	896.23			μS/cm	IS 3025 (Part 14):1984 (Reaffirmed 2019)
10.	Fluoride (as F)		BDL [DL=0.1]	-		mg/l	IS 3025(Part 60): 2008
11.	Sulphate (as SO ₄)		54.35			mg/l	IS 3025(Part 24):1986 (Reaffirmed 2009)
12.	Ammonia (as NH ₃)		BDL [DL=0.1]			mg/l	APHA 23rd EDITION:2017 4500-NH3 C
13.	Nitrate (as NO ₃ ')		1.14	-		mg/l	IS 3025(Part 34):1988 (Reaffirmed 2019)

Remark (If Any):

14

15

1.

Terms & Conditions:

Biological Testing- 1.1.28. Water (Ground Water)

Sodium (as Na)

Potassium (as K)

Total coliform

Faecal coliform

E. coli

114.20

17.63

160

<2

Absent

Reviewed By

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

SHASTRINAGAR KEDGAON ONAGAR:

> Page 1 Of 1 END OF REPORT

Authorised By

mg/l

mg/l

MPN/100ml

MPN/100ml

MPN/100ml

Raju Ghule (LMR) **Authorized Signatory**

IS 3025 (Part 45): 1993 (Reaffirmed -2019)

IS 3025 (Part 45): 1993 (Reaffirmed -2019)

IS 1622-1981 (Reaffirmed-2019)

IS 1622-1981 (Reaffirmed-2019)

1S 1622-1981 (Reaffirmed-2019)







RAJAS LABORATORIES

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TEST REPORT

Danort	No. DI /TD/2022/02 212						RL-R20-01A		
Report No.: RL/TR/2023/02-312						Issue Date: 04/03/2023			
Name of Customer: M/S, METAROLLS ISPAT PVT. LTD						REFERENCE			
	ess of Customer:				Sample Na		Ground Water		
Gut No. 48, Adjacent to MIDC Phase-II, Daregaon, Jalna - 431213.						ample	Colourless Clear Liquid		
Mobile	e- 7720003290		TO CONTRACT TO STATE OF THE STA		Brand Nam	ie			
GSTIN- 27AADCM3474C1ZN									
						ntainer	Plastic Container		
						antity	Chemical-5 Liters		
					Mfg. Dt./Used By				
Sampling Method: RL-MSP-P38						npling & Time	22/02/2023, 11:30 AM		
Sampling Plan: 04/02						Sampling	Daregaon Village		
Unique Identification of the item: NA.						ntal Condition	Stored at 2-8°C		
Codification No: RLC- 02/296							1		
Sample	Collected By: RAJAS LABORATO	PRIES			Mfg. By: -	-			
Sample	Received On: 23/02/2023	Analysis	Start On: 23/02/2023		Completion	of Analysis: 02/	03/2023		
Sr. No.	Parameters		Results	Stand	ard Values	Unit	Analysis Method		
Chemie	al Testing- 1.2.42. Water (Ground	Water)			-	1			
1.	Colour		BDL [DL=1]	T	- 00	Hazen	IS 3025(Part 4):2021		
2.	Temperature		25.3		-	°C	APHA 23rd EDITION:2017		
3.	Nitrite (as NO ₂ ')		BDL [DL=1]		FW V	mg/l	IS 3025(Part 34):1988 (Reaffirmed 2019)		
4.	Phosphate (as PO ₄)		1.40			mg/l	1S 3025(Part 31):1988 (Reaffirmed 2021)		
5.	Dissolved Oxygen		2.05	100	10	mg/l	APHA 23rd EDITION:2017		
6.	Calcium Hardness		154.96	1		mg/l	IS 3025 (Part 40):1991(Reaffirmed 2019)		
7.	Phenolphthalein Alkalinity	1	BDL [DL=5]	1		mg/l	IS 3025 (Part 23): 1986 (Reaffirmed -2019)		
8.	Chemical Oxygen Demand (C	OD)	25.00	139		mg/l	IS 3025 (Part 58) (Reaffirmed – 2017)		
	Biochemical Oxygen Demand (BOD)								

Remark (If Any):

Terms & Conditions:

1. The above results pertain only to the sample tasted.

cans continues in rain or in part wait not be used for advertising or logal action.
 Test Report carner be re-produced except in full, without the written permission.

4 The sample will be destroyed after 5 days & 1 months from the date of tous of test roport for periodable A corporationist stems respective

The above tested product no way implies that the product, process, survices, management and system or person in approved by NABL.
 From not astablished between the comments and the closure for the contract of the

6. For nex stabilished between the company and the client at the time the order in placed or comman's respectated shall be at the company's standard rate (Which are subject to change) and all applicable taxes shall be populse by the client.

7. Mod F. & C. in connectation which till 15/01/2002.

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Lomate (TM Chem) Authorized Signatory

Page 1 Of 1 END OF REPORT Authorised By





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TEST REPORT

Report N	o.: RL/TR/2023/02-313					Issue Date: 04/03/2023	
Name of	Customer: M/S. METARO	LIS ISPAT	PVT, LTD	SAMP	LE REFERENCE		
Address	s of Customer:			Sample	e Name	Ground Water	
	48, Adjacent to MIDC Ph	ase-II Dar	egaon Jalna - 4312	13 Nature	of Sample	Colourless Clear Liquid	
	7720003290	moe ii, bu	-5aon, rama 1512	Brand	Name		
	27AADCM3474C1ZN			Batch	No.	-	
051111	27AABCND474C1ZN			The second secon	e Container	Plastic Container	
				processor and the second secon	e Quantity	Chemical-5 Liters	
					ht./Used By	- 000	
	Method: RL-MSP-P38				f Sampling & Time	22/02/2023, 12:15 PM	
	Plan: 04/02				on of Sampling	Jamwadi Village	
and the second distributions and	entification of the item: NA.			3330.1310	nmental Condition	Stored at 2-8°C	
Marie and the State of the State of	on No: RLC- 02/297 & RLM-0	and the same of th		Expiry		1.	
Sample Co	ollected By: RAJAS LABORA	ORIES		Mfg. E	Mfg. By: -		
Sample Re	eceived On: 23/02/2023	Analysi	s Start On: 23/02/2023	Compl	etion of Analysis: 02/	03/2023	
Sr. No.	Parameters		Results	Standard Valu	ues Unit	Analysis Method	
Chemical	Testing- 1.2.42. Water (Groun	d Water)					
1.	pH at 25°C		8.06		V-	IS 3025 (Part 11):1983 (Reaffirmed 2017)	
2.	Calcium as Ca		25.61	-	mg/l	IS 3025 (Part 40):1991(Reaffirmed 2019)	
3.	Magnesium as Mg		18.39	00	mg/l	APHA 23rd EDITION:2017	
4.	Chloride as Cl		84.84	-	mg/l	IS 3025 (Part 32): 1988 (Reaffirmed 2019	
5.	Total Alkalinity as CaC	O3	95.00	10.00	mg/l	IS 3025 (Part 23): 1986 (Reaffirmed -2019	
6.	Total Dissolved Solid at 1	80°C	384.89	E 70-	mg/l	IS 3025 (Part 16): 1984 (Reaffirmed 2017)	
7.	Total Hardness as CaC	Ο ₃	85.35	- W	mg/l	IS 3025 (Part 21): 2009 (Reaffirmed 2019)	
8.	Turbidity		BDL [DL=1.0]		NTU	IS 3025 (Part 10): 1984 (Reaffirmed 2017	
9.	Electrical Conductivity at	25°C	814.22	-	μS/cm	IS 3025 (Part 14):1984 (Reaffirmed 2019)	
10.	Fluoride (as F)		BDL [DL=0.1]		mg/l	IS 3025(Part 60): 2008	
11.	Sulphate (as SO ₄)		42.65		mg/l	IS 3025(Part 24):1986 (Reaffirmed 2009)	
12.	Ammonia (as NH ₃)		BDL [DL=0.1]	-	mg/l	APHA 23rd EDITION:2017 4500-NH ₃ C	
13.	Nitrate (as NO ₃ ')		BDL [DL=1.0]		mg/l	IS 3025(Part 34):1988 (Reaffirmed 2019)	
14.	Sodium (as Na)	0	85.23	-	mg/l	IS 3025 (Part 45): 1993 (Reaffirmed -2019	
15.	Potassium (as K)		10.14		mg/l	IS 3025 (Part 45): 1993 (Reaffirmed -2019	
Biological	Testing- 1.1.28. Water (Groun	d Water)					
1.	Total coliform	1000	60		MPN/100ml	IS 1622-1981 (Reaffirmed-2019)	
2.	Faecal coliform	W 10	<2	-	MPN/100ml	IS 1622-1981 (Reaffirmed-2019)	

Remark (If Any):

Terms & Conditions:

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3. Test Report curson be re-produced except in full, without the written permission from the Laborator

E. coli

4. The sample will be destroyed after 5 days & 1 months from the date of some of test report for periodoble & except shadle seria anguative!

5. The above tested product to you provide the the modest process, according to the periodoble of except tested product to your process.

. MosF A CC recognition volid till 15/01/2024.

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1 Ac

Lomate (TM Chem) & Pawar (TM Micro) Authorized Signatory SHASTRINAGAR KEDGAON *

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Page 1 Of 1 END OF REPORT Authorised By

MPN/100ml

Raju Ghule (LMR) Authorized Signatory

IS 1622-1981 (Reaffirmed-2019)







TEST REPORT

PI_R20_01A

							RL-R20-01A	
	No.: RL/TR/2023/02-313						Issue Date: 04/03/2023	
Name (of Customer: M/S. METAROLI	S ISPAT 1	PVT. LTD		SAMPLE REFERENCE			
Addre	ess of Customer:				Sample Name		Ground Water	
Gut N	o. 48, Adjacent to MIDC Pha	se-II. Dare	gaon Jalna – 4312	213	Nature of San	mple	Colourless Clear Liquid	
	e- 7720003290	,	gaon, rama 1272		Brand Name		*	
	N- 27AADCM3474C1ZN			Batch No.				
GOTH	N- 2/AADCM34/4CIZIN			Sample Cont	ainer	Plastic Container		
					Sample Quar	ntity	Chemical-5 Liters	
					Mfg. Dt./Use	ed By		
Samplin	ng Method: RL-MSP-P38				Date of Samp	pling & Time	22/02/2023, 12:15 PM	
Sampling Plan: 04/02						Sampling	Jamwadi Village	
Unique Identification of the item: NA.						al Condition	Stored at 2-8°C	
Codification No: RLC- 02/297							-	
Sample Collected By: RAJAS LABORATORIES							*	
Sample	Received On: 23/02/2023	Analysis	Start On: 23/02/2023		Completion of	of Analysis: 02/	03/2023	
Sr. No.	Parameters		Results	Stand	ard Values	Unit	Analysis Method	
Chemic	al Testing- 1.2.42. Water (Ground	Water)			100			
L	Colour		BDL [DL=1]			Hazen	IS 3025(Part 4):2021	
2.	Temperature		25.2		C. Bay	°C	APIIA 23rd EDITION:2017	
3.	Nitrite (as NO ₂ ')		BDL [DL=1]	400	-	mg/l	IS 3025(Part 34):1988 (Reaffirmed 2019)	
4.	Phosphate (as PO ₄)		1.05			mg/l	1S 3025(Part 31):1988 (Reaffirmed 2021)	
5.	Dissolved Oxygen		1.36	100	7-	mg/l	APHA 23rd EDITION: 2017	
6.	Calcium Hardness		81.71			mg/l	1S 3025 (Part 40):1991(Reaffirmed 2019)	
7.	Phenolphthalein Alkalinit	V.	BDL [DL=5]	100	-	mg/l	IS 3025 (Part 23): 1986 (Reaffirmed -2019)	
8.	Chemical Oxygen Demand (C	OD)	24.00	4	-	mg/l	IS 3025 (Part 58) (Reaffirmed - 2017)	
9.	Biochemical Oxygen Demand (4.30		-	mg/l	IS 3025 (Part 44) (Reaffirmed - 2019)	

Remark (If Any):

Terms & Conditions:

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Lomate (TM Chem) Authorized Signatory

ABORA SHASTRINAGAR KEDGAON ONAGAR-A

> Page 1 Of 1 END OF REPORT

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RAJAS LABORATORIES



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TEST REPORT

ULR-TC881223000000330F

RL-R20-01A

Report 1	No.: RL/TR/2023/02-314						Issue Date: 04/03/202	
Name of	Customer: M/S. METAROL	LS ISPAT	PVT, LTD	1 1 1 1 1	SAMPLE REFERENCE			
	ss of Customer:				Sample Name		Ground Water	
	. 48, Adjacent to MIDC Ph	ase-II Dar	egaon Jalna - 4312	213	Nature of S		Colourless Clear Liquid	
	- 7720003290	130-11, 1541	eguon, Juna 4512		Brand Nan	ae .		
	- 27AADCM3474C1ZN				Batch No.			
031114	- 2/AADCWB4/4CIZN				Sample Co	ntainer	Plastic Container	
					Sample Qu		Chemical-5 Liters	
					Mfg. Dt./U	sed By	- 11 - 41	
Sampling	Method: RL-MSP-P38				Date of Sar	mpling & Time	22/02/2023, 12:40 PM	
Sampling	; Plan: 04/02				Location of	f Sampling	Yogeshwari Nagar	
the same of the same of	dentification of the item: NA.				Environme	ntal Condition	Stored at 2-8°C	
	ion No: RLC- 02/298 & RLM-02				Expiry Dat			
Sample C	Collected By: RAJAS LABORAT	ORIES			Mfg. By: -			
Sample Received On: 23/02/2023 Analysis Start On: 23/02/2023					Completion of Analysis: 02/03/2023			
Sr. No.	Parameters		Results	Standa	ard Values	Unit	Analysis Method	
Chemica	l Testing- 1.2.42. Water (Ground	l Water)			_	1		
1.	pH at 25°C		7.54		\		IS 3025 (Part 11):1983 (Reaffirmed 2017)	
2.	Calcium as Ca		31.63		19	mg/I	IS 3025 (Part 40):1991(Reaffirmed 2019)	
3.	Magnesium as Mg		12.59			mg/l	APHA 23rd EDITION:2017	
4.	Chloride as Cl		61.44	6-0		mg/l	IS 3025 (Part 32): 1988 (Reaffirmed 2019	
5.	Total Alkalinity as CaCC)3	95.96	100	(*	mg/l	IS 3025 (Part 23): 1986 (Reaffirmed -2019	
6.	Total Dissolved Solid at 18	0°C	412.51	1 100		mg/l	IS 3025 (Part 16): 1984 (Reaffirmed 2017)	
7.	Total Hardness as CaCC),	69.29	190		mg/l	IS 3025 (Part 21): 2009 (Reaffirmed 2019	
8.	Turbidity		1.35	17	-	NTU	IS 3025 (Part 10): 1984 (Reaffirmed 2017	
9.	Electrical Conductivity at 2	5°C	874.54			μS/cm	IS 3025 (Part 14):1984 (Reaffirmed 2019)	
10.	Fluoride (as F)		BDL [DL=0,1]			mg/l	IS 3025(Part 60): 2008	
11.	Sulphate (as SO ₄)		42.66			mg/I	IS 3025(Part 24):1986 (Reaffirmed 2009)	
12.	Ammonia (as NH ₃)		BDL [DL=0.1]			mg/l	APHA 23rd EDITION:2017 4500-NH ₃ C	
13.	Nitrate (as NO ₃ ')		BDL [DL=1.0]			mg/l	IS 3025(Part 34):1988 (Reaffirmed 2019)	
14.	Sodium (as Na)		103.56			mg/l	IS 3025 (Part 45): 1993 (Reaffirmed -2019	
15.	Potassium (as K)		11.41			mg/l	IS 3025 (Part 45): 1993 (Reaffirmed -2019	
Biologica	l Testing- 1.1.28. Water (Ground	Water)				The state of the s		
1.	Total coliform	0 10	90		5.00	MPN/100ml	IS 1622-1981 (Reaffirmed-2019)	
2.	Faecal coliform	. 300	<2		+	MPN/100ml	IS 1622-1981 (Reaffirmed-2019)	

Remark (If Any):

Terms & Conditions:

The above results person only to the sample used.
 This certificate in full or in part shall not be used for advertising a

The Report cases to re-produced except in fail, weboot the vertices permanation from the Loboratory

E. coli

4. The sample will be destroyed after 5 days & 1 months from the date of issue of test report for periodolic A suspensivelic stems respective

4. For not enabled between the company and the clear at the time the order is placed or contract is not careful to the company and all applicable taxes shall be payable by the

Absent

*. MAEF A CC recognition valid till 15/01/2/04.

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Lomate (TM Chem) & Pawar (TM Micro) Authorized Signatory SHASTRINAGAR KEDGAON *

Page 1 Of 1 END OF REPORT Authorised By

MPN/100ml

Raju Ghule (LMR) Authorized Signatory

IS 1622-1981 (Reaffirmed-2019)







TEST REPORT

R			

D .	M. Dr. Con management						RL-R20-01A
	No.: RL/TR/2023/02-314						Issue Date: 04/03/202
	of Customer: M/S. METAROI	LLS ISPAT	PVT. LTD	SAMPLE REFERENCE			
Addre	ess of Customer:				Sample Nar	ne	Ground Water
Gut N	 48, Adjacent to MIDC Ph 	ase-II, Dan	egaon, Jalna - 4312	213.	Nature of Si	ample	Colourless Clear Liquid
	e- 7720003290	70		Brand Name	e	-	
GSTIN	N- 27AADCM3474C1ZN				Batch No.		-
The state of the s						itainer	Plastic Container
				Sample Qua	intity	Chemical-5 Liters	
					Mfg. Dt./Used By		- 600
The second second	g Method: RL-MSP-P38				Date of Sam	pling & Time	22/02/2023, 12:40 PM
Sampling Plan: 04/02						Sampling	Yogeshwari Nagar
Unique Identification of the item: NA.						tal Condition	Stored at 2-8°C
Codification No: RLC- 02/298							1.
Sample	Collected By: RAJAS LABORAT	ORIES			Mfg. By: -		Apr
Sample	Received On: 23/02/2023	Analysis	Start On: 23/02/2023		Completion	of Analysis: 02/	03/2023
Sr. No.	Parameters		Results	Stane	lard Values	Unit	Analysis Method
Chemie	al Testing- 1.2.42. Water (Groun	d Water)		-	-	1	
1.	Colour		BDL [DL=1]		- 60	Hazen	IS 3025(Part 4):2021
2.	Temperature		25.2		104	°C	APHA 23rd EDITION: 2017
3.	Nitrite (as NO ₂ ')		BDL [DL=1]		10 V	mg/l	IS 3025(Part 34):1988 (Reaffirmed 2019)
4.	Phosphate (as PO ₄)		1.21			mg/l	IS 3025(Part 31):1988 (Reaffirmed 2021)
5.	Dissolved Oxygen		1.96	100	1.0	mg/l	APHA 23rd EDITION:2017
6.	Calcium Hardness		71.31	65.	100	mg/l	IS 3025 (Part 40):1991(Reaffirmed 2019)
7.	Phenolphthalein Alkalin	ity	BDL [DL=5]	1	/ -	mg/l	IS 3025 (Part 23): 1986 (Reaffirmed -2019)
8.	Chemical Oxygen Demand ((COD)	25.00	199		mg/l	IS 3025 (Part 58) (Reaffirmed - 2017)
9.	Biochemical Oxygen Demand	(BOD)	6.00	NO.		mg/l	IS 3025 (Part 44) (Reaffirmed - 2019)

Remark (If Any):

Terms & Conditions:

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Lomate (TM Chem) **Authorized Signatory**

ABORA SHASTRINAGAR KEDGAON ONAGAR-

Page 1 Of 1 END OF REPORT

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TEST REPORT

ULR-TC881223000000169F

RL-R20-01

Report No.: RL/TR/2023/02-315		Issue Date: 04/03/2023				
Name of Customer: M/S. METAROL	LS ISPAT PVT. LTD	SAMPLE REFERENCE				
Address of Customer:		Sample Name	STP-Inlet			
Gut No. 48, Adjacent to MIDC Pha	se-II, Daregaon, Jalna - 431213.	Nature of Sample	Blackish turbid liquid			
Mobile- 7720003290		Brand Name	-			
GSTIN- 27AADCM3474C1ZN		Batch No.	Plastic container			
		Sample Container				
		Sample Quantity	Chemical-5 Liters			
		Mfg. Dt./Use By	-			
Codification No: RLC-02/299		Expiry Date				
Sample Collected By: Rajas Labo	oratories	Mfg. By: -				
Sample Received On: 23/02/2023	Analysis Start On: 23/02/2023	Completion of Analysis: 02/03/2023				

Sr. No.	Parameters	Result	Unit	Standard Values	Analysis Method
Chei	mical Testing- 1.2.32, Pollution & Envir	onment (W	aste Wate	r- Effluents/Se	wage)
1.	pH at 25°C	8.12	- (23	IS 3025 (Part 11) (Electrometric Method) RA: 2017
2.	Total Suspended Solids at 103-105°C	146.00	mg/l	-	IS 3025 (Part 17): 1984 (Reaffirmed 2017)
3.	Biochemical Oxygen Demand (BOD)	75.00	mg/l	-	IS 3025 (Part 44) (Azide Modification Method) RA: 2019
4.	Chemical Oxygen Demand (COD) 150°C	219.45	mg/l	-	IS 3025 (Part 58) (Open Reflux Method) RA: 2017
5.	Oil & Grease	12.00	mg/l	(19)	APHA 23 rd Edition 5520-B ; (Liquid-Liquid Partition Gravimetric Method)

Remark (If Any):

Terms & Conditions:

1. The above results pertain only to the sample tested
2. This certificate in full or in part shall not be used for advertising or legal action.
3. Test Report cannot be re-produced except in full, without the written permission from the Laboratory.
4. The sample will be destroyed after 5 days & 1 months from the date of insue of test report for perishable items respectively.
5. The above tested product no way implies that the product, process, services, management and a periodic peri

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Lomate (TM Chem) **Authorized Signatory** SHASTRINAGAR KEDGAON ONAGAR-

> Page 1 Of 1 END OF REPORT

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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

ULR-TC881223000000170F

RL-R20-01

Report No.: RL/TR/2023/02-316			Issue Date: 04/03/2023	
Name of Customer: M/S. METAROL	LS ISPAT PVT. LTD	SAMPLE REFERENCE		
Address of Customer:		Sample Name	STP Outlet	
Gut No. 48, Adjacent to MIDC Ph	ase-II, Daregaon, Jalna - 431213.	Nature of Sample	Light yellow clear liquid	
Mobile- 7720003290		Brand Name	-	
GSTIN- 27AADCM3474C1ZN		Batch No.	- //	
		Sample Container	Plastic Container	
		Sample Quantity	5 Litres	
		Mfg. Dt./Used By		
Codification No: RLC-02/300		Expiry Date	-	
Sample Collected By: Rajas Labo	ratories	Mfg. By: -		
Sample Received On: 23/02/2023 Analysis Start On: 23/02/2023		Completion of Analysis	s: 02/03/2023	

Sr. No.	Parameters	Result	Unit	Standard Values as per MPCB Consent & general CPCB guidelines	Analysis Method
Chen	nical Testing- 1.2.32. Pollution & Environme	ent (Waste W	ater- Effluen	ts/Sewage)	
1.	pH at 25°C	7.26	0	6.0 to 8.0	IS 3025 (Part 11) (Electrometric Method) RA: 2017
2.	Total Suspended Solids at 103-105°C	27.00	mg/l	Max. 50	IS 3025 (Part 17): 1984 (Reaffirmed 2017)
3.	Chemical Oxygen Demand (COD) 150°C	48.76	mg/l	Max. 100	IS 3025 (Part 58) (Open Reflux Method) RA: 2017
4.	Biochemical Oxygen Demand (BOD)	16.00	mg/l	Max. 30	IS 3025 (Part 44) (Azide Modification Method) RA: 2019
5.	Oil & Grease	7.00	mg/l	Max. 10	APHA 23 rd Edition 5520-B : (Liquid-Liquid Partition Gravimetric Method)

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

Terms & Conditions:

1. The above results pertain only to the sample tested.
2. This certificate in full or in part shall not be used for advertising or legal action.
3. Test Report cannot be re-produced except in full, without the written permission from the Laboratory.
4. The sample will be destroyed after 5 days & I months from the date of issue of test report for pertisables a nonperishable items respective.
5. The above tested product no way implies that the product, process, services, management and statement of particles approved by NABL.
6. Feen not established between the company and the client at the time the order is placed or undersective regional dual be at the company payable by the client.
7. MoEF & CC recognition valid till 15/01/2024. 's standard rate (Which are subject to change) and all applicable taxes shall be

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Page 1 Of 1 END OF REPORT Authorized By







TEST REPORT

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the case that management are			RL-R20-01	
Report No.: RL/TR/2023/02-317			Issue Date: 04/03/2023	
Name of Customer: M/S. METAROLLS ISPAT PVT. LTD		SAMPLE REFERENCE		
Address of Customer:	ASSESSED PORTS DESCRIPTION	Sample Name	Soil - Daregaon Village	
Gut No. 48, Adjacent to MIDC Pha	se-II, Daregaon, Jalna – 431213.	Nature of Sample	Dark brown soil	
Mobile- 7720003290		Brand Name	-	
GSTIN- 27AADCM3474C1ZN		Batch No.	-	
		Sample Container	Plastic bag	
		Sample Quantity	Chemical-1 kg	
		Mfg. Dt./Use By	. 40.	
Codification No: RLM-02/301		Expiry Date	-	
Sample Collected By: Rajas Laboratories Date:- 22/02/2023 & Time:- 11:30 AM		Mfg. By: -	2.	
Sample Received On: 23/02/2023 Analysis Start On: 23/02/2023		Completion of Analysi	s: 02/03/2023	

Sr. No.	Parameters	Results	Standard Values	Unit	Analysis Method
Chemica	al Testing- 1.2.33. Pollution &	Environment (Soil/Sec	diments)	Marie	
1.	pH at 25°C	8,69			
2.	Electrical Conductivity	158.96	100	μS/cm	
3.	Nitrogen	88.54	W. 10	kg/ha	1
4.	Phosphorous	32.01	No.	kg/ha	
5.	Potassium	411.59	W -	kg/ha	1
6.	Organic Carbon	0.68		9/6	Sail Blant Water & Fastilian Andria
7.	Iron as Fe	1.57	-	mg/kg	 Soil, Plant, Water & Fertilizer Analysis by P. K. Gupta 2nd Edition.
8.	Manganese as Mn	5,36		mg/kg	P. K. Gupta 2 Edition.
9.	Copper as Cu	0.97	_	mg/kg	
10.	Zinc as Zn	0.74	-	mg/kg	
11.	Arsenic as As	BDL [DL=0.01]		mg/kg	
12.	Mercury as Hg	BDL [DL=0.01]	-	mg/kg	
13.	Cadmium as Cd	BDL [DL=0.05]	-	mg/kg	

Remark (If Any):

Terms & Conditions:

1. The above results pertain only to the sample tested.
2. This certificate in full or in port shall wort be used for advertising or legal action.
3. Test Report cannot be re-produced except in full, without the written permission from the Laboratory.
4. The sample will be destroyed after 5 days & 1 months from the date of issue of test report for perishable items respectively.
5. The above tested product no way implies that the product, process, services, management and system or person is approved by NABL.
6. Fees not established between the company and the client at the time the order is placed or contract is negoriated shall be at the company's standard rate (Which are subject to change) and all applicable taxes shall be payable by the client.

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> Page 1 Of 1 END OF REPORT

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TEST REPORT

			RL-R20-01
Report No.: RL/TR/2023/02-318			Issue Date: 04/03/2023
Name of Customer: M/S. METAROL	LS ISPAT PVT, LTD	SAMPLE REFER	ENCE
Address of Customer:		Sample Name	Soil –Jamwadi Village
Gut No. 48, Adjacent to MIDC Pha	se-II, Daregaon, Jalna – 431213.	Nature of Sample	Dark brown soil
Mobile- 7720003290		Brand Name	-
GSTIN- 27AADCM3474C1ZN		Batch No.	-
		Sample Container	Plastic bag
		Sample Quantity	Chemical-1 kg
		Mfg. Dt./Use By	- 110
Codification No: RLM-02/302		Expiry Date	- 1
Sample Collected By: Rajas Laboratories Date:- 22/02/2023 & Time:- 12:45 PM		Mfg. By: -	
Sample Received On: 23/02/2023	Analysis Start On: 23/02/2023	Completion of Analysi	s: 02/03/2023

Sr. No.	Parameters	Results	Standard Values	Unit	Analysis Method
Chemica	al Testing- 1.2.33. Pollution &	Environment (Soil/Sec	diments)	100	
1.	pH at 25°C	8.51	400		
2.	Electrical Conductivity	102.58	0	μS/cm	
3.	Nitrogen	74.12	(L)	kg/ha	7
4.	Phosphorous	39.96		kg/ha	1
5.	Potassium	341.22	-	kg/ha	7
6.	Organic Carbon	1.05	-	%	Sail Blant Water & Fastilian Andria b
7.	Iron as Fe	0.98		mg/kg	Soil, Plant, Water & Fertilizer Analysis b P. K. Gupta 2 nd Edition.
8.	Manganese as Mn	3.33		mg/kg	P. K. Gupta 2 Edition.
9.	Copper as Cu	0.98	-	mg/kg	
10.	Zinc as Zn	0.52	-	mg/kg	
11.	Arsenic as As	BDL [DL=0.01]	-	mg/kg	
12.	Mercury as Hg	BDL [DL=0.01]	-	mg/kg	
13.	Cadmium as Cd	BDL [DL=0.05]	-	mg/kg	

Remark (If Any):

Terms & Conditions:

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Page 1 Of 1 END OF REPORT Authorised By







TEST REPORT

			RL-R20-01
Report No.: RL/TR/2023/02-319			Issue Date: 04/03/2023
Name of Customer: M/S. METAROL	LS ISPAT PVT. LTD	SAMPLE REFER	ENCE
Address of Customer:		Sample Name	Soil - Yogeshwari Nagar
Gut No. 48, Adjacent to MIDC Pha	ase-II, Daregaon, Jalna – 431213.	Nature of Sample	Dark brown soil
Mobile- 7720003290		Brand Name	-
GSTIN- 27AADCM3474C1ZN		Batch No.	-
		Sample Container	Plastic bag
		Sample Quantity	Chemical-1 kg
		Mfg. Dt./Use By	· 1/4 0
Codification No: RLM-02/303		Expiry Date	
Sample Collected By: Rajas Laboratories Date:- 22/02/2023 & Time:- 01:35 PM		Mfg. By: -	
Sample Received On: 23/02/2023 Analysis Start On: 23/02/2023		Completion of Analysi	s: 02/03/2023

Sr. No.	Parameters	Results	Standard Values	Unit	Analysis Method
Chemica	al Testing- 1.2.33, Pollution &	Environment (Soil/Sec	diments)	130	
1.	pH at 25°C	7.84	-40%		
2.	Electrical Conductivity	402.31	100	µS/cm	
3.	Nitrogen	75.55	W 10	kg/ha	
4.	Phosphorous	48.55		kg/ha	
5.	Potassium	241.31	- 0	kg/ha	
6.	Organic Carbon	0.77		%	Soil Blood Water & Contilling A 1 in 1
7.	Iron as Fe	1.29	-	mg/kg	 Soil, Plant, Water & Fertilizer Analysis by P. K. Gupta 2nd Edition.
8.	Manganese as Mn	8.75	-	mg/kg	P. K. Oupta 2 Edition.
9.	Copper as Cu	2.06	-	mg/kg	7
10.	Zinc as Zn	0.45	-	mg/kg	
11.	Arsenic as As	BDL [DL=0.01]		mg/kg	
12.	Mercury as Hg	BDL [DL=0.01]	-	mg/kg	
13.	Cadmium as Cd	BDL [DL=0.05]	-	mg/kg	

Remark (If Any):

Terms & Conditions:

1. The above results pertain only to the sample tested.
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3. Test Report cannot be re-produced except in full, without the wristen permission from the Laboratory.
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6. Fees not established between the company and the client at the time the order is placed in contract processed shall be at the company's star payable by the client. ompany's standard rate (Which are subject to change) and all applicable taxes shall be

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TEST REPORT

			RL-R20-01B	
Report No.: RL/TR/2023/03-362			Issue Date: 31/03/2023	
Name of Customer: M/S. METAROLL	S ISPAT PVT, LTD	SAMPLE REFERENCE		
Address of Customer:		Sample Type	Ambient air quality monitoring	
Gut No. 48, Adjacent to MIDC Phas	se-II, Daregaon, Jalna - 431213.	Your Reference	Verbal	
Mobile- 7720003290		Reference Date		
GSTIN- 27AADCM3474C1ZN		Sample ID	-	
Sampling Plan Reference No.: 04/03		Sample Location	Near Main Gate	
Date & Time of Sampling: 21st to 22nd N	March 2023, 09:30 AM	Latitude	. 6	
Codification No: RLC-03/370		Longitude		
ENVIRONMENTAL CONDITIONS:		Sample Collected By	RAJAS LABORATORIES	
Min. Temperature	29°C	Min. Rel. Humidity	30.0%	
Max. Temperature	32°C	Max. Rel. Humidity	36.0%	
Sample Received On: 24/03/2023	Analysis Start On: 24/03/2023	Completion of Analysis	31/03/2023	

Sr. No.	Parameters	Result	Unit	Standard Values as per NAAQMS	Analysis Method
Chemi	cal Testing- 1.2.3. Atmospheric Pollution	(Ambient Air)		1000	
1.	Sulfur Dioxide (SO ₂)	17.21	μg/m³	80	IS 5182 (Part 2):2001
2.	Oxides of Nitrogen (NOx)	21.21	μg/m³	80	IS 5182 (Part 6):2006
3.	Particulate Matter 10 (µ) (PM 10)	90.25	μg/m³	100	IS 5182 (Part 23):2006
4.	Particulate Matter 2.5 (µ) (PM 2.5)	36.33	μg/m³	60	CPCB Guidelines: NAAQMS/36/2012-13
5.	Ozone (O ₃)	11.57	μg/m³	100	IS 5182 (Part 9):1974
6.	Ammonia (NH ₃)	21.91	μg/m³	400	CPCB Guidelines: NAAQMS/36/2012-13
7.	Benzene (C ₆ H ₆)	BDL [DL = 0,1]	µg/m³	5	IS 5182 (Part 11):2006
8.	Benzo-a-pyrene (BaP)	BDL [DL = 0.5]	ng/m³	1	CPCB Guidelines: NAAQMS/36/2012-13
9.	Carbon Monoxide (CO)	0.72	mg/m³	4	IS 5182 (Part 10):1999
10.	Lead (Pb)	BDL [DL = 0.1]	μg/m³	1	IS 5182 (Part 22):2004
11.	Arsenic (As)	BDL [DL = 2]	ng/m³	6	CPCB Guidelines: NAAQMS/36/2012-13
12.	Nickel (Ni)	BDL [DL = 5]	ng/m³	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-114	Asha Enviro	Valid Up to 04/07/2023
02.	RL/INS/FDS/C-115	Asha Enviro	Valid Up to 04/07/2023

Terms & Conditions:

1. The above results pertain only to the sample tested.

2. This certificate in full or in part shall not be used for advertising or legal action.

3. Test Report cannot be re-produced except in full, without the written permission from the Laboratory 4. The sample will be destroyed after 5 days & 1 months from the date of issue of test report for penetral 5. The above tested product no way implies that the product, process, services, management up of york 6. Fees not established between the company and the client at the time the order is placed out of products.

7. MoEF & CC recognition valid till 15/01/2024. ny's standard rate (Which are subject to change) and all applicable taxes shall be payable by the client.

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Kshitij Tamhane (TM Env.) **Authorized Signatory**

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Raju Ghule (LMR) **Authorized Signatory**

Page 1 Of 1 END OF REPORT







TEST REPORT

RL-R20-01B

			KL-K20-01B
Report No.: RL/TR/2023/03-363			Issue Date: 31/03/2023
Name of Customer: M/S. METAROLLS ISPAT PVT. LTD		SAMPLE REFERENC	E
Address of Customer:		Sample Type	Ambient air quality monitoring
Gut No. 48, Adjacent to MIDC Phas	se-II, Daregaon, Jalna - 431213.	Your Reference	Verbal
Mobile- 7720003290 GSTIN- 27AADCM3474C1ZN		Reference Date	-
		Sample ID	•
Sampling Plan Reference No.: 04/03		Sample Location	Furnace Shed
Date & Time of Sampling: 21st to 22nd N	Date & Time of Sampling: 21st to 22nd March 2023, 10:00 AM		
Codification No: RLC-03/371		Longitude	
ENVIRONMENTAL CONDITIONS:		Sample Collected By	RAJAS LABORATORIES
Min. Temperature	25°C	Min. Rel. Humidity	30.0%
Max. Temperature	31°C	Max. Rel. Humidity	39.0%
Sample Received On: 24/03/2023	Analysis Start On: 24/03/2023	Completion of Analys	is: 31/03/2023

Sr. No.	Parameters	Result	Unit	Standard Values as per NAAQMS	Analysis Method
Chemi	cal Testing- 1.2.3. Atmospheric Pollution	(Ambient Air)		120	
1.	Sulfur Dioxide (SO ₂)	16.68	μg/m³	80	IS 5182 (Part 2):2001
2.	Oxides of Nitrogen (NOx)	34.54	μg/m³	80	IS 5182 (Part 6):2006
3.	Particulate Matter 10 (µ) (PM 10)	88.74	μg/m³	100	IS 5182 (Part 23):2006
4.	Particulate Matter 2.5 (µ) (PM 2.5)	31.69	μg/m³	60	CPCB Guidelines: NAAQMS/36/2012-13
5.	Ozone (O ₃)	12.59	μg/m³	100	IS 5182 (Part 9):1974
6.	Ammonia (NH ₃)	23,57	μg/m³	400	CPCB Guidelines: NAAQMS/36/2012-13
7,	Benzene (C ₆ H ₆)	BDL [DL = 0.1]	μg/m³	5	IS 5182 (Part 11):2006
8.	Benzo-a-pyrene (BaP)	BDL [DL = 0.5]	ng/m³	1	CPCB Guidelines: NAAQMS/36/2012-13
9.	Carbon Monoxide (CO)	0.63	mg/m³	4	IS 5182 (Part 10):1999
10.	Lead (Pb)	BDL [DL = 0.1]	μg/m³	1	IS 5182 (Part 22):2004
11.	Arsenic (As)	BDL [DL = 2]	ng/m³	6	CPCB Guidelines: NAAQMS/36/2012-13
12.	Nickel (Ni)	BDL [DL = 5]	ng/m³	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-109	Asha Enviro	Valid Up to 04/07/2023
02.	RL/INS/FDS/C-110	Asha Enviro	Valid Up to 04/07/2023

Terms & Conditions:

1. The above results pertain ordy to the sample tested
2. This certificate in full or in purt shall not be used for advertising or legal action
3. Test Report cannot be re-produced except in full, without the written permission from the Laboratory
4. The sample will be destroyed after 5 days & 1 months from the date of issue of test report for perishable & nonperishable areas results. The above tested product no way implies that the product, process, services, management and system from the product of the services of the special or compensation from respectively.

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The standard rate (Which are subject to change) and all applicable taxes shall be payable by the client.

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Kshitij Tamhane (TM Env.) **Authorized Signatory**

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TEST REPORT

RL-R20-01B

			KL-K20-01D
Report No.: RL/TR/2023/03-364			Issue Date: 31/03/2023
Name of Customer: M/S. METAROLLS ISPAT PVT. LTD		SAMPLE REFERENC	E
Address of Customer:		Sample Type	Ambient air quality monitoring
Gut No. 48, Adjacent to MIDC Phase	se-II, Daregaon, Jalna – 431213.	Your Reference	Verbal
Mobile- 7720003290 GSTIN- 27AADCM3474C1ZN		Reference Date	
		Sample ID	
Sampling Plan Reference No.: 04/03		Sample Location	Rolling Mill Shed
Date & Time of Sampling: 21st to 22nd N	March 2023, 10:15 AM	Latitude	- @_
Codification No: RLC-03/372		Longitude	
ENVIRONMENTAL CONDITIONS:		Sample Collected By	RAJAS LABORATORIES
Min. Temperature	27°C	Min. Rel. Humidity	32.0%
Max. Temperature	31°C	Max. Rel. Humidity	38,0%
Sample Received On: 24/03/2023 Analysis Start On: 24/03/2023		Completion of Analys	is: 31/03/2023

Sr. No.	Parameters	Result	Unit	Standard Values as per NAAQMS	Analysis Method
Chemi	cal Testing- 1.2.3. Atmospheric Pollution	(Ambient Air)		120	
1.	Sulfur Dioxide (SO ₂)	13.22	μg/m³	80	IS 5182 (Part 2):2001
2.	Oxides of Nitrogen (NOx)	28.54	μg/m³	80	IS 5182 (Part 6):2006
3.	Particulate Matter 10 (µ) (PM 10)	82.31	μg/m³	100	IS 5182 (Part 23):2006
4.	Particulate Matter 2.5 (µ) (PM 2.5)	33.65	μg/m³	60	CPCB Guidelines: NAAQMS/36/2012-13
5.	Ozone (O ₃)	8.74	µg/m³	100	IS 5182 (Part 9):1974
6.	Ammonia (NH ₃)	12.57	μg/m³	400	CPCB Guidelines: NAAQMS/36/2012-13
7.	Benzene (C ₆ H ₆)	BDL [DL = 0.1]	μg/m³	5	IS 5182 (Part 11):2006
8.	Benzo-a-pyrene (BaP)	BDL [DL = 0.5]	ng/m³	1	CPCB Guidelines: NAAQMS/36/2012-13
9.	Carbon Monoxide (CO)	0.48	mg/m³	4	IS 5182 (Part 10):1999
10.	Lead (Pb)	BDL [DL = 0.1]	μg/m³	- 1	IS 5182 (Part 22):2004
11.	Arsenic (As)	BDL [DL = 2]	ng/m³	6	CPCB Guidelines: NAAQMS/36/2012-13
12.	Nickel (Ni)	BDL [DL = 5]	ng/m³	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-112	Asha Enviro	Valid Up to 04/07/2023
02.	RL/INS/FDS/C-113	Asha Enviro	Valid Up to 04/07/2023

Terms & Conditions:

In the above results pertain only to the nample tested.

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The above results be re-produced except in full, without the written permission from the Laboratory.

The sample will be destroyed after 5 days & 1 months from the date of issue of test report for parishable items respectively.

The above tested product no way amples that the product, process, services, management and system or person is approved by NASI...

Feas not established between the company and the client at the time the order is placed or court is processary field be at the company's standard rate (Which are subject to change) and all applicable taxes shall be payable by the client.

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TEST REPORT

RL	-14.	cu-l	111

t No.: RL/TR/2023/03-365			Issue Date: 31/03/2023
Name of Customer: M/S. METAROLLS ISPAT PVT. LTD		SAMPLE REFERENCE	
ess of Customer:		Sample Type	Stack Emission Monitoring
lo. 48, Adjacent to MIDC Phase-II, D	aregaon, Jalna - 431213.	Your Reference	Verbal
Mobile- 7720003290 GSTIN- 27AADCM3474C1ZN		Reference Date	-
		Sample ID	
		Sample Location	Induction Furnace Stack - 1
Sampling Plan Reference No.: 04/03		Latitude	- 4
& Time of Sampling: 21st March 2023, 11:	30 AM	Longitude	- 40
cation No: RLC-03/373	*	Sample Collected By	RAJAS LABORATORIES
CK DETAILS:		Stack Material	MS
ID 1		Fuel Consumption	-
Height 35 N	feters	Flue Gas Temperature	101.5°C
Fuel -		Flue Gas Velocity	2.9 m/s
le Received On: 24/03/2023 Ana	ysis Start On: 24/03/2023	Completion of Analysis:	31/03/2023
Codification No. RLC-03/373		Stack Material Fuel Consumption Flue Gas Temperature Flue Gas Velocity	MS - 101.5°C 2.9 m/s

Sr. No.	Parameters	Result	Unit	Standard Values as per MPCB Consent	Analysis Method
Chem	ical Testing- 1.2.3, Atmospheric Pollu	ition (Stack	Emission))) '	
1.	Sulfur Dioxide (SO ₂)	1.27	ppm	Not to exceed 80 ppm	IS 11255 (Part 2): 1985
2.	Total Particulate Matter (TPM)	39.87	mg/Nm ³	Not to exceed 150 mg/Nm ³	IS 11255 (Part 1): 1985
3.	Oxides of Nitrogen (NOx)	1.95	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-103	Asha Enviro	Valid Up to 04/07/2023

Terms & Conditions:

1. The above results pertain only to the sample tested.
2. This certificate in full or in part shall not be used for advertising or legal action.
3. Test Report cannot be re-produced except as full, without the written permission from the Laboratory.
4. The sample will be destroyed offer Solvys & 1 months from the date of issue of test report for perishable & nonperishable items respectively.
5. The above tested product no way simples that the product, process, services, missagement and system or person is approved by NABE.
6. Fees 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.
7. MoSE & CC recognition valid all 15/01/2024.

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TEST REPORT

RL-R20-01C

Report No.: RL/TR/2023/03-366			Issue Date: 31/03/2023
Name of Customer: M/S. METAROLLS ISPAT PVT. LTD		SAMPLE REFERENCE	
Address of Customer:		Sample Type	Stack Emission Monitoring
Gut No. 48, Adjacent to MIDC Pha	se-II, Daregaon, Jalna – 431213.	Your Reference	Verbal
Mobile- 7720003290 GSTIN- 27AADCM3474C1ZN		Reference Date	-
		Sample ID	
		Sample Location	Induction Furnace Stack - 2
Sampling Plan Reference No.: 04/03		Latitude	- 4
Date & Time of Sampling: 21st March 2	023, 12:45 PM	Longitude	- 60
Codification No: RLC-03/374		Sample Collected By	RAJAS LABORATORIES
STACK DETAILS:		Stack Material	MS
Stack ID	2	Fuel Consumption	-
Stack Height	35 Meters	Flue Gas Temperature	91.5°C
Stack Fuel	-	Flue Gas Velocity	4.2 m/s
Sample Received On: 24/03/2023	Analysis Start On: 24/03/2023	Completion of Analysis:	31/03/2023

Sr. No.	Parameters	Result	Unit	Standard Values as per MPCB Consent	Analysis Method
Chem	ical Testing- 1.2.3. Atmospheric Polls	ition (Stack	Emission)		
1,	Sulfur Dioxide (SO ₂)	2.19	ppm	Not to exceed 80 ppm	IS 11255 (Part 2): 1985
2.	Total Particulate Matter (TPM)	50.22	mg/Nm ³	Not to exceed 150 mg/Nm ³	IS 11255 (Part 1): 1985
3.	Oxides of Nitrogen (NOx)	3.65	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-103	Asha Enviro	Valid Up to 04/07/2023

Terms & Conditions:

1. The above results pertain only to the sample tested.
2. This certainste in full or in part shall not be used for advertising or legal action.
3. Test Report cannot be re-produced except in full, without the written permission from the Laboratory.
4. The sample will be destroyed after 5 days & I morths from the date of issue of test report for perishable & nonperishable items respectively.
5. The above tested product no way implies that the product, process, services, management and system or person is approved by NAEL.
6. For 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 stat.
7. MoDE & CU recognition valid till 15-01/2024. ompany's standard rate (Which are subject to charge) and all applicable taxes shall be payable by the client.

Reviewed By

Kshitij Tamhane (TM Env.) **Authorized Signatory**



Page 1 Of 1 END OF REPORT Authorised By







TEST REPORT

RL-R20-01C

Report No.: RL/TR/2023/03-367			Issue Date: 31/03/2023	
Name of Customer: M/S. METAROLI	S ISPAT PVT. LTD	SAMPLE REFERENCE		
Address of Customer:		Sample Type	Stack Emission Monitoring	
Gut No. 48, Adjacent to MIDC Pha	se-II, Daregaon, Jalna - 431213.	Your Reference	Verbal	
Mobile- 7720003290		Reference Date	-	
GSTIN- 27AADCM3474C1ZN		Sample ID	-	
		Sample Location	Re-heating Furnace Stack	
Sampling Plan Reference No.: 04/03		Latitude	- 4	
Date & Time of Sampling: 21st March 2	023, 03:00 PM	Longitude	- 20	
Codification No: RLC-03/375		Sample Collected By	RAJAS LABORATORIES	
STACK DETAILS:		Stack Material	MS	
Stack ID	3	Fuel Consumption	->	
Stack Height	30 Meters	Flue Gas Temperature	88.1°C	
Stack Fuel	-	Flue Gas Velocity	3.1 m/s	
Sample Received On: 24/03/2023	Analysis Start On: 24/03/2023	Completion of Analysis:	31/03/2023	

Sr. No.	Parameters	Result	Unit	Standard Values as per MPCB Consent	Analysis Method
Chem	ical Testing- 1.2.3. Atmospheric Pollu	ition (Stack	Emission)		
1.	Sulfur Dioxide (SO ₂)	1.58	ppm	Not to exceed 80 ppm	IS 11255 (Part 2): 1985
2.	Total Particulate Matter (TPM)	43.21	mg/Nm³	Not to exceed 150 mg/Nm ³	IS 11255 (Part 1): 1985
3.	Oxides of Nitrogen (NOx)	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-103	Asha Enviro	Valid Up to 04/07/2023

Terms & Conditions:

1. The above results pertain only to the sample sested.
2. This certificate in full or in port shall not be used for advertising or legal action.
3. Test Report cannot be re-produced except in full, without the written permission from the Laboratory.
4. The sample will be destroyed idder 5 days & Tuicerths from the date of issue of test report for perishable & nonperishable items respectively.
5. The above tested product no way implies that the product, process, services, management and system or person is approved by NABI.
6. Fees 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 sta.
7. MoEF & CC recognition valid till 15:01/2024. surry's standard rate (Which are subject to change) and all applicable taxes shall be payable by the client

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Kshitij Tamhane (TM Env.) **Authorized Signatory**



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TEST REPORT

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Report No.: RL/TR/2023/03-368		Issue Date: 31/03/2023		
Name of Customer: M/S. METAROLLS ISPAT PVT. LTD		SAMPLE REFERENCE		
Address of Customer: Gut No. 48, Adjacent to MIDC Phase-II, Daregaon, Jalna – 431213. Mobile- 7720003290 GSTIN- 27AADCM3474C1ZN		Sample Type	Ambient noise level monitoring	
		Codification No	RLC-03/376	
		Your Reference	Verbal	
		Reference Date		
		Sample ID		
		Sample Location	. // /	
Sampling Plan Reference No.: 04/03		Latitude		
Date & Time of Sampling: 21st to 22nd March 2023, 11:50 AM		Longitude	-	
Sample Collected By: RAJAS LABORATORIES				
Sample Received On: 24/03/2023	Analysis Start On: 24/03/2023	Completion of Anal	ysis: 31/03/2023	

Sr. No.	Parameters	Result	Unit	Standard Values as per general CPCB guidelines	Analysis Method	
Chemical	Testing- 1.2.3. Atmospheric	Pollution (Ambie	ent Noise	Levels -Excluding vibration)	
DAY						
1.	Main Gate	71.2	dB(A)	75		
2.	Admin Office	68.3	db(A)	13	CPCB's Protocol for Ambient	
NIGHT			Noise Level Monitoring:2015			
1.	Main Gate	62.5	dD/A)	70		
2.	Admin Office	61.8	dB(A)	70		

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-132	HTC SL-1350	Valid Up to 04/07/2023

Terms & Conditions:

1. The above results pertain only to the sample tested.
2. This corridicate in full or in part shall not be used for advertising or legal action.
3. Test Report council by re-produced except in full, without the written permission from the Laboratory.
4. The sample will be destroyed after 5-days & 1 months from the date of issue of test report for perishable & nonperishable items respectively.
5. The above tested product no way implies that the product, process, services, management and system or person is approved by NAIG.
6. For 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 twees shall be payable by the client.
7. MoEF & CC recognition valid till 15:01/2024.

Reviewed By

Kshitij Tamhane (TM Env.) **Authorized Signatory**

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> Page 1 Of 1 END OF REPORT

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TEST REPORT

RL_R20_01D

Report No.: RL/TR/2023/03-369		Issue Date: 31/03/202:			
Name of Customer: M/S. METAROLLS ISPAT PVT, LTD		SAMPLE REFERENCE			
Address of Customer:		Sample Type	Work place noise monitoring		
Gut No. 48, Adjacent to MIDC Phase	se-II, Daregaon, Jalna – 431213.	Codification No	RLC-03/377		
Mobile- 7720003290		Your Reference	Verbal		
GSTIN- 27AADCM3474C1ZN	GSTIN- 27AADCM3474C1ZN				
		Sample ID			
Sampling Plan Reference No.: 04/03		Latitude			
Date & Time of Sampling: 21st March 2023, 04:15 PM		Longitude	. 6/ 4		
Sample Collected By: RAJAS LAB	ORATORIES				
Sample Received On: 24/03/2023 Analysis Start On: 24/03/2023		Completion of Analy	sis: 31/03/2023		

Sr. No.	Parameters	Result	Unit	Standard Values as per general CPCB guidelines	Analysis Method
Chen	nical Testing- 1.2.3. Atmospheric I	Pollution (Ambie	nt Noise Levels	-Excluding vibr	ration)
1.	Furnace Shed	71.5			BL COR C 24 Ver 001 Jame Date 01
2.	Casting Area	69.2	dB(A)	90	RL-SOP-C-34, Ver.001, Issue Date 01 April:2022
3.	Raw Material Handling Unit	68.6			April.2022

Remark (If Any):

Sr. No.	Instrument ID	Make	Calibration Status
01.	RL/INS/NM/C-132	HTC SL-1350	Valid Up to 04/07/2023

Terms & Conditions:

1. The above results pertain only to the sumple tested.
2. This certificate in full or in part shall not be used for advertising or legal action.
3. Test Report cannot be re-produced except in full, without the written permanent from the Laboratory.
4. The sample will be destroyed affect 5 days & 1 months from the date of issue of test report for perishable & nonperishable items respectively.
5. The above tested product no way implies that the product process, services, management and system or person is approved by NABI.
6. Fees 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 star
7. Mobil's & CC recognition valid till 15/01/2024. ny's standard rate (Which are subject to change) and all applicable taxes shall be payable by the client.

Reviewed By

Kshitij Tamhane (TM Env.) **Authorized Signatory**

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Page 1 Of 1 END OF REPORT Authorised By







TEST REPORT

Report No	: RL/TR/2023/03-370					Issue Date: 31/03/2	
Name of Cu	astomer: M/S. METAROLLS ISPAT PV	T. LTD		SAMPLE R	SAMPLE REFERENCE		
Address of Customer:					50	Surface Water	
Gut No. 48, Adjacent to MIDC Phase-II, Daregaon, Jalna – 431213. Mobile- 7720003290					imple	Colourless Clear Liquid	
GSTIN- 27/	AADCM3474C1ZN			Brand Name Batch No.		1.	
					tainer	Plastic Container	
				Sample Qua		Chemical-5 Liters & Biological - 1 Liter	
				Mfg. Dt/Us	respective and a second	-	
Sampling M	fethod: RL-MSP-P38			Date of Sam	pling & Time	22/03/2023, 10:00 AM	
Sampling Plan: 04/03					Sampling	Moti Pond	
Unique Identification of the item: NA.					tal Condition	Stored at 2-8°C	
Unique identification of the item: NA. Codification No; RLC-03/378 & RLM-03/196							
And the second second second	lected By: RAJAS LABORATORIES			Mfg. By: -	Englist Date		
				1000			
Sample Received On: 24/03/2023 Analysi		Analysis	Start On: 24/03/2023	Completion	of Analysis: 31/03/20	023	
Sr. No.	Parameters		Results	Standard Values	Unit	Analysis Method	
Chemical T	festing- 1.2.42. Water (Surface Water)						
1.	Colour		BDL [DL-1]		Hazen	IS 3025(Part 4):2021	
2.	Temperature		24.0		°C	APHA 23rd EDITION:2017	
3.	pH at 25°C		7.10	. 60	V.	IS 3025 (Part 11):1983 (Reaffirmed 2017)	
4.	Calcium as Ca		40.53		mg/l	IS 3025 (Part 40):1991(Reaffirmed 2019)	
5.	Magnesium as Mg		13.07	200 V	mg/l	APHA 23rd EDITION:2017	
6.	Chloride as Cl		61.48		mg/l	IS 3025 (Part 32): 1988 (Reaffirmed 2019)	
7.	Total Alkalinity as CaCO3		128.77		mg/l	IS 3025 (Part 23): 1986 (Reaffirmed -2019)	
8.	Total Dissolved Solid at 180°C		298.50	W. A. A.	mg/l	IS 3025 (Part 16): 1984 (Reaffirmed 2017)	
9.	Total Hardness as CaCO ₃		99.41	W-18-	mg/l	IS 3025 (Part 21): 2009 (Reaffirmed 2019)	
10.	Turbidity		BDL [DL-1]		NTU	IS 3025 (Part 10): 1984 (Reaffirmed 2017)	
11.	Electrical Conductivity at 25°C		598.47	100	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 ₄)		40.12		mg/l	IS 3025(Part 24):1986 (Reaffirmed 2009)	
14.	Ammonia (as NH ₃)		BDL [DL=0.1]		mg/l	APHA 23rd EDITION:2017 4500-NH3 C	
15.	Nitrate (as NO ₃ *)		BDL [DL=1]		mg/l	IS 3025(Part 34):1988 (Reaffirmed 2019)	
16.	Nitrite (as NO ₂)		BDL [DL-1]		mg/l	IS 3025(Part 34):1988 (Reaffirmed 2019)	
17.	Phosphate (as PO ₄)		1.84		mg/l	IS 3025(Part 31):1988 (Reaffirmed 2021)	
18.	Dissolved Oxygen	(5	6.21		mg/l	APHA 23rd EDITION:2017	
19.	Calcium Hardness	All and a second	45.31		mg/l	IS 3025 (Part 40):1991(Reaffirmed 2019)	
20.	Phenolphthalein Alkalinity	Mary.	BDL [DL=5]		mg/l	IS 3025 (Part 23): 1986 (Reaffirmed -2019)	
21.	Sodium (as Na)	Mary	25.05		mg/l	IS 3025 (Part 45): 1993 (Reaffirmed -2019)	
22	Potassium (as K)	10	3.00		mg/l	IS 3025 (Part 45): 1993 (Reaffirmed -2019)	
23.	Chemical Oxygen Demand (COD)		27.00		mg/l	IS 3025 (Part 58) (Reaffirmed – 2017)	
24.	Biochemical Oxygen Demand (BOD)		6.10		mg/l	IS 3025 (Part 44) (Reaffirmed – 2019)	
Biological '	Testing- 1.1.28. Water (Surface Water)		0.000000				
1.	Total coliform		1600		MPN/100ml	IS 1622-1981 (Reaffirmed-2019)	
2.	Faecal coliform		1600		MPN/100ml	IS 1622-1981 (Reaffirmed-2019)	
3.	E. coli		Present	-	MPN/100ml	IS 1622-1981 (Reaffirmed-2019)	

Remark (If Any):

Terms & Conditions:

Reviewed By

Lomate (TM Chem) & Pawar (TM Micro)

Authorized Signatory

SHASTRINAGAR KEDGAON

Authorised By

Raju Ghule (LMR) **Authorized Signatory**

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ABOR







RAJAS LABORATORIES

Recognized by AGMARK, MoEF & 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-R20-01A

Report No	o.: RL/TR/2023/03-371					Issue Date: 31/03/2	
Name of Co	ustomer: M/S. METAROLLS ISPAT P	VT. LTD		SAMP	LE REFERENCE		
Address of Customer:					Name	Ground Water	
Gut No. 48, Adjacent to MIDC Phase-II, Daregaon, Jalna - 431213. Mobile- 7720003290					of Sample	Colourless Clear Liquid	
					lame	-	
GSTIN- 27	AADCM3474C1ZN		Batch N		-		
				Container	Plastic Container		
			processor and a second	Quantity	Chemical-5 Liters & Biological - 1 Liter		
			Mfg. D	t/Used By	- 0		
Sampling N	Method: RL-MSP-P38		Date of	Sampling & Time	22/03/2023, 10:30 AM		
Sampling Plan: 04/03					n of Sampling	Daregaon Village	
Unique Identification of the item: NA.					mental Condition	Stored at 2-8°C	
Codification No: RLC-03/379 & RLM-03/197					Date	0.00	
	llected By: RAJAS LABORATORIES			Mfg. B			
		L Ambot Process	24/02/2022				
	ceived On: 24/03/2023	Analysis Start O	ysis Start On: 24/03/2023		tion of Analysis: 31/03/2	23	
Sr. No.	Parameters		Results	Standard Valu	es Unit	Analysis Method	
	Testing- 1.2.42. Water (Ground Water)						
1.	Colour		BDL [DL=1]		Hazen	IS 3025(Part 4):2021	
2.	Temperature	24.5		-	°C	APHA 23 rd EDITION:2017	
3.	pH at 25°C		7.11	. (IS 3025 (Part 11):1983 (Reaffirmed 2017)	
4.	Calcium as Ca		89.43		mg/l	IS 3025 (Part 40):1991(Reaffirmed 2019)	
5.	Magnesium as Mg		27.50	100	mg/l	APHA 23rd EDITION:2017	
6.	Chloride as Cl		106.31	9.49	mg/l	IS 3025 (Part 32): 1988 (Reaffirmed 2019)	
7.	Total Alkalinity as CaCO3		191.23	400	mg/l	IS 3025 (Part 23): 1986 (Reaffirmed -2019)	
8.	Total Dissolved Solid at 180°C	2	374.37	A TOTAL	mg/l	IS 3025 (Part 16): 1984 (Reaffirmed 2017)	
9.	Total Hardness as CaCO ₁ 198.61		Wall.	mg/l	IS 3025 (Part 21): 2009 (Reaffirmed 2019)		
10.	Turbidity				NTU	IS 3025 (Part 10): 1984 (Reaffirmed 2017)	
11.	Electrical Conductivity at 25°	Electrical Conductivity at 25°C 905.99		70 .	μS/cm	1S 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 ₄) 36.98			mg/l	IS 3025(Part 24):1986 (Reaffirmed 2009)		
14.	Ammonia (as NH ₃)		BDL [DL=0,1]		mg/l	APHA 23rd EDITION:2017 4500-NH ₃ C	
15.	Nitrate (as NO ₅ *)	The state of the s		-	mg/l	IS 3025(Part 34):1988 (Reaffirmed 2019)	
16.	Nitrite (as NO ₂ *)		BDL [DL-1]		mg/l	IS 3025(Part 34):1988 (Reaffirmed 2019)	
17.	Phosphate (as PO ₁)		1.21	•	mg/l	IS 3025(Part 31):1988 (Reaffirmed 2021)	
18.	Dissolved Oxygen		1.23		mg/l	APHA 23rd EDITION:2017	
19.	Calcium Hardness		71.55		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)		85.35		mg/l	IS 3025 (Part 45): 1993 (Reaffirmed -2019)	
22.	Potassium (as K) 9.12			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)		5.00		mg/l	IS 3025 (Part 44) (Reaffirmed - 2019)	
Biological	Testing- 1.1.28. Water (Ground Water)				We have a second self-	
1.	Total coliform		90		MPN/100ml	IS 1622-1981 (Reaffirmed-2019)	
	Faccal coliform 2 E coli Absent		0.50	A770A7/1/001	IS 1622-1981 (Reaffirmed-2019)		
2.	Paccas coliform			(*)	MPN/100ml	15 1022-1981 (Realthraned-2019)	

Remark (If Any):

Terms & Conditions:

2. This certificate in field or supart shall not be used for advertising or legal action

4. The sample will be distroyed after 5 days & 1 months from the date of ionse of test report for perishable & nonperishable stems

The slove terred product no way implies that the product, process, services, management and system or person in approved by

6. Famoust satisfished between the computer and the client of the left the order is placed or content in an estated shall be at that

7. MoEF & CC moogration valid all 15/01/2020 Reviewed By

Lomate (TM Chem) & Pawar (TM Micro)

Authorized Signatory

SHASTRINAGAR KEDGAON #

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Raju Ghule (LMR) ' Authorized Signatory

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