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Submission of Six Monthly Environmental Clearance Compliance for April to September 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

Thu, Nov 30, 2023 at 4:19 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 April to September 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: April to September 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 April to September 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.

Mr. Ramnarayan Bhakkad

Enclosure: EC Compliance with its Annexure

[Quoted text hidden]

SIX MONTHLY EC COMPLIANCE REPORTS FOR DEC-2023.pdf 19497K



Ref. No.:

Date: / /2023

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For M/s. Metarolls Ispat Pvt. Ltd.

Mr. Ramnaravan Bh

DGM

Enclosure: E& Comp with its Annexure

Copy to:

1. The Sub Regional Officer, MPCB, Jalna.

2. SEIAA, Mumbai, Maharashtra.

Metarolls Ispat Private Limited

ICIN No.: U27101MH2002PTC135427]

Registered Office & Manufacturing Unit
Gut No. 48, Adjacent to M.I.D.C., Phase 2, Daregaon, Jalna - 431 2013 (MH) INDIA, \$\frac{1}{20}\$ +91 91122 20033, 77750 57057

Gut No. 48, Adjacent to M.I.D.C., Phase 2, Daregaon, Jalna - 431 2013 (MH) INDIA, \$\frac{1}{20}\$ +91 91122 20033, 77750 57057



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.

2. 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. The letter of environmental clearance is issued vide letter no. 2010/CR.173/TC.2 Dated- 29/12/2010 for M.S ingot & Billet 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 Additional MIDC Area, Jalna Industrial area / MIDC area				
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	Exist	Existing plant: Rs 1452 lacs.							
project: (including cost of		Proposed Investment: Rs 9852 lacs.							
land, building, plant and		Total after expansion: Rs.11394 lacs.							
machinery separately)									
Location details of the	1. Lat	itude	- 19 ⁰ 50	36.69	"N				,
project:			e - 75°5						
project	3. Lo					C Phase	II D	aregaon, Jaln	na in
				arashti					
	4. Ele	vation	above	Mean	Sea Level	(meters) - 5	34 m		
Distance from protected	No. c	ritical	ly poll	uted	area No	National I	Parks/\l	Vild life Sand	otnom
Areas /Critically Polluted			ın radi		area, 140	ivational i	alks/ vi	viid life Salic	cluary
areas/ Eco-sensitive areas	Within	II IO K	an radi	us.					
Raw materials (including				_					
		Sr.	Name	of					
process chemicals, catalysts, & additives).		No	the		Raw Ma	terial	Requ	irement	
catalysts, & additives).			Produ	ct			•		
		1	M.S.		M.S. Scr	ap &	13860) TPM	
			Billet	S	Sponge 1	A STATE OF THE STA	(Afte	r	
							Expai	nsion)	
		2	TMT		M.S. I	Billet in		TPM	
			Bars		molten s	tage			
Production details									
		Nam	e of	Exi	sting	Proposed	1	Total Capac	city
	the				acity	Capacity		TPM	
	Product TPM								
		M.S.			6600	660	0	13200	
	Billets		ts						
		TMT	Bars		-	1320	00	13200	
Process details /	M.S.	Billet	s Plant	and l	Rolling m	ill. The co	ny of t	he EIA is end	closed
manufacturing details	as An						p) or c	211110 0110	,,,,,,,,
Rain Water Harvesting				Grou	nd water ta	able			
(RWH)						s) and Quan	tity		
(10111)						o) uno Quin	,		
	 Location of RWH tank (s) Size, nos. of recharge pits and Quantity 								
						al cost and (M &M	ost)	
Total Water Requirement	Total		requir		The state of the s				
						& Source -	- Captiv	e bore well	
	 Fresh water (CMD): 200 m³/day & Source – Captive bore well Recycled water (CMD): 90 m³/day 								
		-	water:						
	1			m^3/d	av. Coolii	ng purpose	: 100		
	m3/c				,,	31			
			$z: 2 \text{m}^3$	/day.	Scrubber	: 95 m³/da	v		
Storm water drainage						rn - Quantit		rm water	
\(\frac{1}{2}\)			ofSW		g. p		,		
Sewage generation and	•				e generation	on (CMD) -	2 m ³ /da	ay	
treatment • Proposed treatment for the sewage – Sewage will be treatment						ted in			
	septic tank followed by soak pit								
	•					(If applicab	le) - NA	1	
Colid manta Managamente								-	
Solid waste Management:	Sr.	Sour	Solid waste Management: Sr. Source Qty (TPM) Compose 1. Raw water Nil					Composition	on

		nent plant							
	2 ETP 3. Proce	SS			sting intity 330	TPM	Slag	from	
				Proposed Quantity 330 TPM			Furna	Furnace	
	Possible induction in harder construction and brice Method Iron par	r heavy ecautiona e the poss users of n furnace ming of w etion of ir k maker. of dispos- ticles are	metal ary mea ibilities Solid v is non l orking aternal v al of so separat	of rovast naza area villa olid ed h	provide qu	recycling e solid von toxic is can be dilling	g of wast vaste ger n nature explore of stone	tes? herated from it can be us for its use it quarry pit ushed at site Crushed sla	
Stack Emission Details:	Plant Section & units	Stack No.	Heigh from groun level (m)	nt nd	Internal Diameter (TOP) (m)	Emiss Rate		Temp. of Exhaust Gases	
						For SO ₂	For NO _x		
	Stack attached to Induction Furnace	1 st	30 m		1.6 m	-		50 °C	
Ambient Air Quality Data	Pollutant	Permiss Standar		C	redicted oncentration g/m³)	n (in	Remar	ks	
	SPM	PM 10 - 100 μg/m ³ , PM _{2.5} - 60 μg/m ³		52.1μg/m³. PM _{2.5} -10.6 to 15.7 μg/m³		15.7	All parameters will be within		
	SO ₂	80 μg/m ³		SO_2 - 7.2 to 12.7 $\mu g/m^3$ NO_x - 8.2 to 15.8		limits after commissioning of the plant.			
	CO			μg/m ³					
Energy	Power supple Existing requirement DG sets:	oly: power at: 20 MV Number	requi		ent: 90001				
Green Belt Development	 proposed): 750 KVA Green belt area (Sq. m.): 33% of total land Number and species of trees to be planted - Approximately 1600 tree per Ha will be planted in consultation with the local Forest Department Number, size, age and species of trees to be cut, trees to be transplanted 								

Sr. No. i. Air		Existing pollution control system	•	Proposed to be installed Ventuary scrubber followed by stack of 30 mt height.	
		Ventuary scrubber followed by stack of 30 m height.	followed by mt height.		
	Water				
iii. Noise		plugs are provided to the workers, Acoustic laggings and silencers are provided	provided to Acoustic la silencers will be prov equipment	will be provided in equipment	
iv)	Solid Waste		Slag Crushe	er	
			Recurring Cost per	Capital cost in Rs.	
1.	Air Pollutio	on Control	0.5 Cr.	2.5 Cr.	
2.	Water Poll	ution Control	0.05 Cr.	0.40 Cr.	
3.	Noise Pollu	ution Control	-	-	
Monitoring		g and	0.03 Cr	0.05 Cr.	
5.			-	-	
6.	Occupation	nal Health			
				0.10 Cr	
8.	Solid manageme	waste		0.50 Cr.	
9. Rain water harvesting			A CONTRACT OF THE PARTY OF THE	0.80 Cr	
10		al Study and	0.05 Cr	0.15 Cr.	
			Rs. 0.90 Cr.	Rs. 4.50 Crores	
Period of data collected – November, December, January 2012-13 • Details of the primary data collection (i.e. location of the sample collection, number of visit, etc) • Details of the secondary data collection (i.e. Source and year of data) • Potential hazard and mitigation measures • Conclusion of the FIA 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 Location of the public hearing- Project site Daregaon 					
	i. ii. iii. iii. iv) Sr.N 1. 2. 3. 4. 5. 6. 7. 8. 9. 10 Perio • Dett samp • Dett of da • Pote • Con • Dat • Nar (Plea • Loc • Loc	ii. Water iii. Noise iv) Solid Waste Sr.No. 1. Air Pollution 2. Water Poll 3. Noise Poll 4. Environment Monitoring Management 5. Reclamation nrea (If appl 6. Occupation 7. Green Belt 8. Solid management 9. Rain water 10 Environment devices Total Period of data collect • Details of the primes sample collection, ment devices Total Period of data collect • Details of the primes sample collection, ment devices Total Period of data collect • Details of the primes sample collection, ment devices Total Period of data collect • Details of the primes sample collection, ment devices Total	No. pollution control system	No.	

• 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:
 - (i) No additional land shall be used /acquired for any activity of the project without obtaining proper permission.
 - (ii) This environmental clearance is issued subject to obtaining NOC from Forestry & Wild life angle including clearance from the standing committee of the National Board for Wild life as if applicable & this environment clearance does not necessarily implies that Forestry & Wild life clearance granted to the project which will be considered separately on merit.
 - (iii) For controlling fugitive natural dust, regular sprinkling of water & wind shields at appropriate distances in vulnerable areas of the plant shall be ensured.
 - (iv) PP has to abide by the conditions stipulated by SEAC & SEIAA.
 - (v) Regular monitoring of the air quality, including SPM & SO2 levels both in work zone and ambient air shall be carried out in and around the power plant and records shall be maintained. The location of monitoring stations and frequency of monitoring shall be decided in consultation with Maharashtra Pollution Control Board (MPCB) & submit report accordingly to MPCB.
 - (vi) Necessary arrangement shall be made for adequate safety and ventilation arrangement in furnace area.
 - (vii) Proper Housekeeping programs shall be implemented.
 - (viii) In the event of the failure of any pollution control system adopted by the unit, the unit shall be immediately put out of operation and shall not be restarted until the desired efficiency has been achieved.
 - (ix) Stack of adequate height based on DG set capacity shall be provided for control and dispersion of pollutant from DG set.(If applicable)
 - (x) A detailed scheme for rainwater harvesting shall be prepared and implemented to recharge ground water.
 - (xi) Arrangement shall be made that effluent and storm water does not get mixed.
 - (xii) Noise level shall be maintained as per standards. For people working in the high noise area, requisite personal protective equipment like earplugs etc. shall be provided.

- (xiii) The overall noise levels in and around the plant shall be kept well within the standards by providing noise control measures including acoustic hoods, silencers, enclosures, etc. on all sources of noise generation. The ambient noise levels shall 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.
- 6. Validity of Environment Clearance: The environmental clearance accorded shall be valid for a period of 5 years to start of production operations.

- 7. In case of any deviation or alteration in the project proposed from those submitted to this department for clearance, a fresh reference should be made to the department to assess the adequacy of the condition(s) imposed and to incorporate additional environmental protection measures required, if any.
- 8. The above stipulations would be enforced among others under the Water (Prevention and Control of Pollution) Act, 1974, the Air (Prevention and Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986 and rules there under, Hazardous Wastes (Management and Handling) Rules, 1989 and its amendments, the public Liability Insurance Act, 1991 and its amendments.
- 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:

- 1. Shri. R. C. Joshi, IAS (Retd.), Chairman, SEIAA, Flat No. 26, Belvedere, Bhulabhai desai road, Breach candy, Mumbai- 400026.
- 2. Shri T. C. Benjamin, IAS (Retired), Chairman, SEAC-I, 602, PECAN, Marigold, Behind Gold Adlabs, Kalyani Nagar, Pune 411014.
- 3. Additional Secretary, MoEF & CC, Indira Paryavaran Bhavan, Jorbagh Road, Aliganj, New Delhi-110003.
- 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

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

(EC uploaded on 9/10/2014

Compliance of Environment Clearance Condition granted for proposed project for the Manufacturing of TMT Bars 500 TPD (150000MTPA) by M/s. Meta Rolls & Commodities Pvt. Ltd. at Daregaon, Jalna, Maharashtra.

Environmental Clearance No.: SEAC 2011/CR-683/TC2 dated 30.09.2014.

EC Compliance Period: October to March 2023

Sr. No.	Conditions	Reply	
Specific	Conditions		
i.	No additional land shall be used / acquired for	Expansion of the project in the existing plo	
	any activity of the project without obtaining	area of 7.71 Ha land at Gut No. 48 adjacen	
	proper permission	to MIDC phase II, Daregon village, Jalna	
		Maharashtra. If additional land required	
		company shall seek permission from the	
		relevant authorities.	
ii.	This environmental clearance is issued	The area does not fall under the forestry o	
	subject to obtaining NOC from forestry &	wildlife categories. Therefore, NOC is No	
	wild life angel including clearance from	Applicable.	
	standing committee of the National Board for		
	Wildlife as if applicable & this environmental		
	clearance does not necessarily implies that		
	forestry & wild life clearance granted to the		
	project which will be considered separately.		
iii.	For controlling fugitive natural dust, regular	Water Sprinkling arrangement has bee	
	sprinkling of water & wind shields at	made for controlling the fugitiv	
	appropriate distance in vulnerable areas of	emissions. The plant has dust controller	
	the plant shall be used.	and collection systems, de-dustin	
		systems, and dust suppression systems i	
		place to reduce fugitive emissions. T	
		control any dust, the project site's entranc	
		road and internal roadways are regularly	
		misted with water. The project site'	
		perimeter is completely surrounded b	

		greenery, which serves as a buffer against
		generated noise and dispersed dust.
iv.	PP has to abide the conditions stipulated by	PP has agreed and Complied with abide
	SEAC & SEIAA.	conditions stipulated by SEAC & SEIAA.
v.	Regular monitoring of the air quality,	The company regularly test the air quality
	including SPM & SO ₂ Levels both in the	for the criteria PM10, PM2.5, SO ₂ & NO _x
	work zone ambient air shall be carried out in	levels in both the work zone and ambient
	and around the power plant records shall be	air. The monitoring results are well within
	maintained. The location of monitoring	MoEF&CC's permitted level. The
	stations and frequency of monitoring shall be	MoEF&CC and the relevant Sub Regional
	decided in consultation with Maharashtra	Office of the MPCB receive frequent
	Pollution Control Board (MPCB) & submit	submissions of monitoring results together
	report accordingly to MPCB	with EC Compliance reports. Monitoring
		reports for both workplace and ambient air
		quality are enclosed.
vi.	Necessary arrangement shall be made for	Firefighting system with fire extinguisher
	adequate safety and ventilation arrangement	is built at the furnace area and office
	in furnace area.	premises. Adequate ventilation system is
		made in furnace area. Side suction exhaust
		system with dust collection system
		followed by bag filter has been provided
		for extraction of fumes from furnace.
vii.	Proper Housekeeping program shall be	Regular cleaning, proper housekeeping
	implemented.	and water sprinkling is carried out on day-
		to-day basis.
viii.	In the event of the failure of any pollution	Company ensured that in case failure of
	control system adopted by the unit, the unit	APC system, unit shall be immediately put
	shall be immediately put out of operation and	out of operation and shall not be restarted
	shall not be restarted until the desired	until the desired efficiency has been
	efficiency has been achieved.	achieve
ix.	Stack of adequate height based on DG set	In accordance with CPCB regulations, an
	capacity shall be provided for control and	adequate stack height has been rooted out,
		and DG set stacks have been equipped with
	ı	

	dispersion of pollutant from DG set. (If	an acoustic enclosure to reduce the noise
	applicable)	generates.
х.	A detailed scheme for rainwater harvesting	Rainwater is collected in tank for storage
	shall be prepared and implement to recharge	and is utilized in plant. Rainwater from
	ground water.	roof tops and other open areas within the
		plant is being collected and sent to storage
		pond (of Industries in MIDC) which is 12
		Crore liters capacity. 42,323.44 m ³ of
		quantity of rainwater is being conserved
		annually.
xi.	Arrangement shall be made that effluent and	Separate rainwater drainage has been
	storm water does not get mixed.	arranged so that no effluent mixes with
		storm water. Only domestic water is
		generated as effluent.
		Also, PP submitted that the project has
		already initiated the procurement of STP
		for the treatment of sewage generated at the
		project.
xii.	Noise level shall be maintained as per	Regular routine noise monitoring at project
	standards. For people working in the high	site. People working in the high noise area
	noise area. Requisite personal protective	are provided with personal protective
	equipment like earplugs etc. shall be	equipment like earplugs and ear muffs.
	provided.	
xiii.	The overall noise levels in and around the	•Use of well-maintained equipment fitted
	plant shall be kept well within the standards	with silencers.
	by providing noise control measures	• Providing noise shields near the heavy
	including acoustic hoods, silencers,	construction operations.
	enclosures, etc. on all sources of noise	• Noisy operations are being limited to day
	generation. The ambient noise level shall be	time only.
	confirm to the standards prescribe under	• Ear plug and muffs are provided to
	Environment (protection) Act 1986 Rules,	workers.
	1989.	

xiv.	Green belt shall be developed & maintained	•The area earmarked for green belt
	around the plant periphery. Green Belt	development. We have planted 1828 till
	Development shall be carried out considering	March 2023 & in Rain we planted other
	CPCB guidelines including selection of plant	1785 more indigenous trees such as
	species and in consolation with the local	Karanj, Peepal, Neem, Jamun, and others
	DFO/ Agriculture Dept.	suitable trees in earmarked land for green
		belt. After consultation with local DFO.
		Green belt developed around plant
		periphery.
XV.	Adequate safety measures shall be provided	The hazard potential and estimation of
	to limits the risk zone within the plant	consequences in case of its accidental
	boundary, in case of an accident. Smoke and	release are the issues of immediate
	heat detection device shall also be installed at	relevance to be considered. No hazardous
	strategic places for early detection and	chemicals are being used in plant.
	warning.	Firefighting system with fire extinguisher
		is present at furnace and office. We are
		taking precaution to limit the risk zone
		within plant's boundaries.
xvi.	Occupational health surveillance of the	A department for safety and environment is
	workers shall be done regular basis and	formed, suitable health-related measures
	record maintained as per Factories Act.	are put in place to provide the best possible
		hygienic condition inside plant area, and
		worker health checkup are carried out once
		in a year and the records are maintained.
xvii.	The company shall make the arrangement for	For the prevention of potential fire threats
	Protection of possible fire hazards during	during manufacturing and material
	manufacturing process in material handling.	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	As per consent granted by MPCB, No
	with the rules and regulation with regard to	hazardous materials are used in the

	the handling and disposal of hazardous	manufacturing process, no toxic substances
	wastes in accordance with the hazardous	are produced as products, and no hazardous
	waste (Management and Handling) Rules,	waste gets generated.
	2003 (amended). Authorization from the	
	MPCB shall be obtained for collection	
	/treatments / storage / disposal of hazardous	
	waste.	
xix.	The company shall undertake following waste	minimization measures.
1.	Metering of quantities of active ingredients to	Utilizing scrap with the highest level of
	minimize waste.	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	Iron particles shall be separated by using
	materials or as raw material substitutes in	Magnetic Separator which shall be reused
	other process.	in Induction Furnace. Crushed slag after
		removal of Iron particle shall be used for
		making either crushed sand or shall be
		used for internal road making or sold to
		brick manufacturers.
3.	Maximizing Recoveries.	Iron particles shall be recovered by using
		Magnetic Separator which shall be reused
		in Induction Furnace.
4.	Use of automated material transfer system to	We have an automatic scrap collection
	minimize spillage.	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	Regular mock drill and safety training are
	management plan shall be carried out.	done as part of emergency management
	Implementation of changes / improvements	plan. In case of an emergency, first aid
	required, if any, in the onsite management	facilities are made available at project site.
	plan shall be ensured.	
xxi.	A separate environment management cell	A 5 person's team composed of qualified
	with qualified staff shall be set up for	employees, comprising an EHS Manager
	1	

	implementation of the stipulated	and a Safety Officer, has been appointed.
	environmental safeguards.	To handle all environmental and safety-
		related concerns, we have set up a fully
		functional environment management cell
xxii.	Transportation of ash will be through closed	No ash is being generated from project.
	containers and all measures should be taken	Given Condition Not Applicable.
	prevent spelling of the ash.	
xxiii.	Separate silos will be provided for collection	No ash is being generated from project.
	and strong bottom ash and fly ash.	Given Condition Not Applicable.
xxiv.	Separate funds shall be allocated for	We have earmarked the separate fund for
	implementation of environmental protection	Environmental protection measures in
	measures/ EMP along with item wise breaks	which Rs.10.0 Cr and Rs.0.90 Cr allotted
	up these cost shall be included as part of the	for capital and recurring expenditure for
	project cost.	Environmental protection and year-wise
		expenditure submitted to the MPCB and
		MoEF&CC department.
XXV.	The funds earmarked for the environment	We have earmarked the separate fund for
	protection measures shall not be diverted for	Environmental protection measures in
	other purposes and year-wise expenditure	which Rs.10.0 Cr and Rs.0.90Cr allotted
	should reported to the MPCB & this	for capital and recurring expenditure for
	department.	Environmental protection and year-wise
		expenditure submitted to the MPCB and
		MoEF&CC department.
xxvi.	The project management shall advertise at	The advertisement was published in both
	least in two local newspapers widely	English and Marathi in two extensively
	circulated in the region around the project on	circulated local newspaper in the area.
	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	

xxvii.	Project management should submit half	Six monthly compliance report in respect
	yearly compliance reports in respect of the	of the stipulated prior environment
	stipulated prior environment clearance terms	clearance terms and conditions being
	and condition in hard & soft copies to the	submitted by us regularly in time and soft
	MPCB & this department, on 1st June & 1st	copy mailed to MoEF&CC Regional
	Dec of each calendar year.	Office and hard copy to MPCB.
xxviii.	A copy of the clearance letter shall be sent by	The company's website also contains a
	proponent to the concerned municipal	copy of the clearance letter that was sent to
	corporation and the local NGO, if any, from	the relevant local authority, municipal
	whom suggestions/representations, if any	council, or corporation.
	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	We are submitting the six-monthly
	compliance of the stipulated EC conditions,	compliance report in respect of EC
	including results of monitored data on their	conditions along with monitoring reports,
	website and shall update the same	to the respective MoEF&CC Regional
	periodically it shall simultaneously be sent to	Office and MPCB office by soft and hard
	the Regional office of MOEF, the respective	copies, and uploading the same on the
	zonal office of CPB and SPCB. The criteria	industry website. The criteria of the
	pollutant levels namely, SPM, RSPM, SO ₂ ,	pollutant levels, SPM, RSPM, SO ₂ & NO _x
	NO _x (ambient levels as well stack emissions)	are displayed on the LED based Board near
	or critical sectorial parameters, indicated for	to the main gate of the industry.
	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	Six monthly compliance report along with
	submitted to the regional office MOEF,	monitoring data is submitted by us
	Bhopal with copy to this department and	regularly in time and soft copy mailed to
	MPCB.	MoEF&CC Regional Office and hard copy
		to MPCB
	<u> </u>	

xxxi.	A complete set of all the documents	As informed documents have been
	submitted to Department should be	submitted to MPCB
	forwarded to the Local authority and MPCB.	
xxxii.	The environmental clearance is being issued	Agreed and Complied
	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.	
xxxiii.	The environmental clearance is being issued	Agreed and Complied
	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.	
xxxiv.	The Environment department reserves the	Agreed and Complied
	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.	
XXXV.	Validity of Environment Clearance: The	Agreed and Complied
	environmental clearance accorded shall be	
	valid for a period of 5 years to start of	
	production operations.	
	1	<u> </u>

xxxvi.	In case of any deviation or alteration in the	Agreed and Complied
	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.	
xxxvii.	The above stipulations would be enforced	Agreed and Complied
	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.	
xxxviii.	Any appeal against this environmental	Agreed and Complied
	clearance shall lie with the National Green	
	Tribunal (Western Zone Bench, Pune), New	
	Administrative Building, 1" Floor, D-, Wing,	
	Opposite Council Hall, Pune, if preferred,	
	within 30 days as prescribed under Section 16	
	of the National Green Tribunal Act, 2010.	
xxxix.	This Environment Clearance is issued for	Agreed and Complied
	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	



जाहीर प्रगटन

मेटा रोल्स ॲण्ड कमोडीटीज प्रा.ली. जालना या प्रगटनाद्वारे जाहीर सुचित करतो की, पर्यावरण विभाग, महाराष्ट्र राज्य यांनी आमच्या मेटा रोल्स ॲण्ड कमोडीटीज प्रा.ली.च्या बिलेट उत्पादनाच्या विस्तारीकरण प्रकल्प क्षमता ५०० मेट्रीक टन प्रतिदिन गट क्र. ४८ औद्योगिक वसाहत जवळ, दरेगाव जालनासाठी पर्यावरण मंजुरी दिली आहे. जीचा क्र. SEA 2014/CR-32/TC-2 दिनांक ३० ऑक्टोबर २०१४ असून दिनांक ०७ ऑक्टोबर २०१४ रोजी पर्यावरण विभागाच्या सांकेतिक स्थळावर प्रकाशित केला आहे. सदर पर्यावरण मंजुरीची प्रत आमचे कार्यालय तसेच महाराष्ट्र प्रदुषण नियंत्रण महांडळ यांच्या कार्यालयात उपलब्ध आहे. संकेत स्थळ 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 MIDC, 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

RED/L.S.I (O63) No:- Format1.0/CC/UAN No.MPCB-CONSENT-0000167264/CR/2307000406

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



Date: 07/07/2023

Sub: Grant of Renewal of Consent to Operate with increase in capital investment 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. CC/UAN No. 0000116876 / CR / 2205000702 dtd. 12/05/2022.
- 3. Minutes of 11th Consent Committee Meeting held on 07/07/2023.

Your application No.MPCB-CONSENT-0000167264 Dated 01.04.2023

For: Grant of Consent to Renewal 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 and Rule 18(7) 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 30/06/2024
- The capital investment of the project is Rs.128.52 Crs. (As per C.A Certificate submitted by industry CI of existing Consent is Rs. 74.6 Cr. + Additional / Increased CI Rs. 53.92 Cr.)
- 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	0.0	As per Schedule-I	Not Applicable

Sr No	Description	Permitted	Standards to	Disposal
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	S1	Induction Furnace (28 T)	1	As per Schedule -II
2	S2	Induction Furnace (30 T)	1	As per Schedule -II
3	S3	DG Set of 1000 KVA	1	As per Schedule -II
4	S4	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 Collection, Segregation, Storage, Transportation, Treatment and Disposal of hazardous waste:

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

- 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 11th Consent Committee Meeting held on 07/07/2023.
- 13. The industry shall obtain necessary permission from the Directorate of Industrial Safety and Health (DISH).
- 14. The applicant shall not carry out any excess production or produce new products without obtaining Consent of the Board and without obtaining Environmental Clearance wherever it applicable.

- 15. This consent is issued with Overriding effect to earlier consent to operate granted by the Board vide No.CC/UAN No.MPCB-Consent-0000167277/CR/2307000397 dated 07/07/2023
- 16. The applicant shall make an application for renewal of consent 60 days prior to date of expiry of the consent.
- . This consent is issued as per communication letter dated 03/11/2022 which is approved by competent authority of the board.

Received Consent fee of -

Sr.No	Amount(Rs.)	Transaction/DR.No.	Date	Transaction Type
1	1285200.00	TXN2306002017	14/06/2023	Online Payment

Fees of Rs. 1.0 Lakh balanced with the Board as per the earlier C to O is deducted towards C to E for increased CI. Fees of Rs.928160/- is balanced with the Board and same will be adjusted at the time of next renewal.

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 4.2 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 reused / recycled for the maximum extent for secondary purpose & remaining shall be used on land for gardening purpose. In no case treated / untreated effluent shall find it's way out side the 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	5.00

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
S1	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
S2	Induction Furnace (30 T)	Fume Extraction system followed by wet scrubber alongwith alternative secondary fume extraction system.	35.00	35.00 Electricity 00NA		TPM	100 Mg/Nm³
S3	DG Set of 1000 KVA	Acoustic Enclosure	5.00 _{H [5]}	HSD 50 Lit/Day	1	SO2	1.0 Kg/Day
S4	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. 10.0 Lakh	15 days.	Towards O & M of pollution control systems and compliance of Consent conditions.	Continuous.	31/12/2024.

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. Conser	t (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 2023

Unique Application Number

MPCB-ENVIRONMENT STATEMENT-0000059216

Submitted Date

25-09-2023

PART A

Company Information

Company Name Application UAN number

M/S: METAROLLS ISPAT PVT. LTD. MPCB-CONSENT-0000167264

Address

431203

GUT NO. 48, ADJECENT TO MIDC PHASE-II, DAREGAON, JALNA.

Taluka Plot no Village

GUT NO: 48 JALNA DAREGAON, ADJECENT TO ADDL. MIDC

JALNA

DGM

Capital Investment (In lakhs) Scale City 12852 LSI JALNA

Pincode Person Name Designation

Email

Telephone Number Fax Number

R A BHAKKAD

02482220036 00 rabhakkad@metarolls.com

Region **Industry Category Industry Type**

SRO-Jalna Red R53 Iron & Steel (involving processing

from ore/ integrated steel plants) and

or Sponge Iron units

Last Environmental **Consent Number** Consent Issue Date

Format1.0/CC/UAN No.MPCBves

2023-07-07 CONSENT-0000167264/CR/2307000406

Consent Valid Upto Establishment Year Date of last environment

statement submitted

2024-06-30 0 Sep 17 2022 12:00:00:000AM

Industry Category Primary (STC Code) & Secondary (STC

statement submitted online

Code)

Product Information

Product Name Consent Quantity Actual Quantity UOM MS BILLETS 158400 157943.780 MT/A MS TMT BARS 158400 155208.597 MT/A

By-product Information

By Product Name **Consent Quantity Actual Quantity UOM**

Part-B (Water & Raw Material Consumption)

Water Consumption for	Consent Quantity in m3/day	Actual Quantity in m3/day
Process	0.00	0.00
Cooling	185.00	171.00
Domestic	4.50	4.00
All others	0.00	0.00
Total	189.50	175.00

21	Effluont	Generation	in CMD	/ MID
~ 1	ciiiueiii	ueneranon		/ WILD

Particulars	Consent Quantity	Actual Quantity	UOM
NA	00	00	CMD

2) Product Wise Process Water Consumption (cubic meter of process water per unit of product)

Name of Products (Production)	During the Previous financial Year	During the current Financial year	иом
MS BILLETS	0.2	0.7	CMD
MS TMT BARS	0.2	0.5	CMD

3) Raw Material Consumption (Consumption of raw material per unit of product)

Name of Raw Materials	During the Previous financial Year	During the current Financial year	UOM
MS SCRAP AND SPONGE IRON	167857.353	165827.330	MT/A
MS BILLETS	157958.060	157943.780	MT/A

4) Fuel Consumption			
Fuel Name	Consent quantity	Actual Quantity	UOM
ELECTRICITY	00	223490.449	Mwh
HSD	36	4	KL/A

Part-C

Pollution discharged to environment/unit of output (Parameter as specified in the consent issued) [A] Water

Pollutants Detail	Quantity of Pollutants discharged (kL/day) Quantity	Concentration of Pollutants discharged(Mg/Lit) Except PH,Temp,Colour Concentration	Percentage of variation from prescribed standards with reasons %variation	Standard	Reason
NA	00	00	00	00	00

[B] Air ((Stacl	k)
-----------	--------	----

Pollutants Detail	Quantity of Pollutants discharged (kL/day)	Concentration of Pollutants discharged(Mg/NM3)	Percentage of variation from prescribed standards with reasons		
	Quantity	Concentration	%variation	Standard	Reason
PARTICULATE MATTER	00	51.27	00	100	Mg/Nm3
SO2	00	1.97	00	80	Mg/Nm3

Part-D

HAZARDOUS	S WASTES								
1) From Pro	cess								
Hazardous V	Naste Type	Total Dur	ing Previous Fi	nancial year	Τ	otal Duri	ng Current Financia	l year	UOM
0		00			0	0			MT/A
2) From Poli	lution Contro	ol Facilitie	s						
Hazardous V	Waste Type	Total	During Previou	ıs Financial year	•	Total Dui	ring Current Financi	al year	UOM
0		00				00			MT/A
Part-E									
SOLID WAST	TES								
1) From Pro	cess								
Non Hazard	ous Waste T	ype Total	During Previou	us Financial year	r	Total Du	ıring Current Financ	cial year	UOM
SLAG		5824.	.650			5754.208	3		MT/A
2) From Poli	lution Contro	ol Facilitie	S						
Non Hazard	ous Waste T	уре	Total During	Previous Financ	cial year	Tota	l During Current Fir	nancial year	UOM
NA			00			00			MT/A
3) Quantity	Recycled or	Re-utilize	d within the						
unit									
Waste Type				Total During Pi year	revious	Financial	Total During Curi year	rent Financial	UOM
0				00			00		MT/A
Part-F									
				ncentration and o		n) of haza	ardous as well as so	lid wastes an	d
1) Hazardou	ıs Waste								
Type of Haz	ardous Wast	te Generat	ted Qty	of Hazardous W	/aste	UOM	Concentration of H	lazardous Was	ste
0			00			MT/A	NA		
2) Solid Was	ste								
Type of Soli	d Waste Ger	erated	Qt	y of Solid Waste	•	UOM	Concentration of	Solid Waste	
SLAG			57	54.208		MT/A	00		
Part-G									
Impact of th		Control me	easures taken o	on conservation (of natur	al resour	ces and consequent	tly on the cost	t of
Description		in Ra	eduction in Fue	l Reduction in	Reduc	tion in	Capital	Reduction i	in
2 030. iption	Water Consumpti (M3/day)	& on Co	Solvent Solvent Sonsumption (L/day)	Raw Material (Kg)	Power	mption	Investment(in Lacs)	Maintenand Lacs)	
0	(1•15/uay) ∩	0	-	0	0		0	0	

0

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 119 CONTINEUOS EMISSION MONITORING SYSTEM

[B] Investment Proposed for next Year

Detail of measures for Environmental Protection Environmental Protection Measures Capital Investment (Lacks)

OPERATION AND MAINTENANCE APC SYSTEM, GREEN BELT DEVELOPMENTS 3.5

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-0000059216

Submitted On:

25-09-2023



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-000003794323-06-2023Recycler/Actual User

Submitted for Year:

April 2022 to March 2023

1. Name of the generator/operator of facility Address of the unit/facility

M/S: METAROLLS ISPAT PVT LTD GUT NO: 48, DAREGAON, ADJACENT TO ADDL, MIDC

PHASE II, JALNA

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

consent

Format1.0/CC/UAN No.0000116876/CR/2205000702 May 12, 2022 Jun 30, 2023

2. Name of the authorised person Full address of authorised person

RAMNARAYAN BHAKKAD GUT NO: 48, DAREGAON, ADJACENT TO ADDL, MIDC

PHASE II, 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	157943.780	MT/A
Iron & Steel	MS TMT BARS	158400.0000	155208.597	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	UOM
	NA	0.000	00	MTA

2. Quantity dispatched category wise.

Type of Waste Quantity of waste UOM Dispatched to Facility Name

00 MTA 0 NA

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
NA 00 MTA

5. Quantity disposed in landfills as such and after treatment

TypeQuantityUOMDirect landfilling00KL/Anum

Landfill after treatment 00 KL/Anum

6. Quantity incinerated (if applicable)

UOM

KL/Anum

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

1.Total Quantity received	UOM	State Name
NA	KL/Anum	Maharashtra
2. Quantity in stock at the beginning of the year	UOM	
NA	KL/Anum	
3. Quantity treated	UOM	
NA	KL/Anum	
4. Quantity disposed in landfills as such and after treatment		
Туре	Quantity	UOM
Direct landfilling	NA	KL/Anum
Landfill after treatment	NA	KL/Anum
5. Quantity incinerated (if applicable)	иом	

KL/Anum

KL/Anum

UOM 6. Quantiry processed other than specified above

UOM 7. Quantity in storage at the end of the year.

NA KL/Anum

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 AND OTHER RAW MATERIAL	India	Maharashtra	120587.710	45239.620	MTA

2. Quantity in stock at the beginning of the year

Waste Name/Category Quantity **UOM** MS SCRAP AND OTHER RAW MATERIAL 4600.287 MTA

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

Name of Waste	Type of Waste	Quantity	UOM
MS SCRAP AND OTHER RAW MATERIAL	MS SCRAP AND OTHER RAW MATERIAL	165827.330	MTA

4. Quantity of products dispatched (wherever applicable)

Name of product	Quantity	UOM
MS BILLETS	157943.780	MTA
MS TMT BAR	155208.597	MTA

5. Total quantity of waste generated

Waste name/category	quantity	UOM
SLAG	5754.208	MTA

6. Total quantity of waste disposed

Waste name/category	quantity	UOM
SLAG	5754.208	MTA

7. Total quantity of waste re-exported (If Applicable) Waste name/category quantity **UOM** 00 NA MTA 8. Quantity in storage at the end of the year Waste name/category quantity **UOM** MS SCRAP 8682.185 MTA SLAG 00 MTA 9. Quantity disposed in landfills as such and after treatment Quantity Туре **UOM** 00 Direct landfilling MTA 00 Landfill after treatment MTA иом 10. Quantity incinerated (if applicable) 00 MTA

Date

2022-06-23

DesignationMANAGER

Personal Details

Place

JALNA



And Environmental Services Pvt. Ltd.

Certifications: ISO 9001: 2015 ISO 14001: 2015

ISO 45001: 2018

			TEST REF	PORT (A	mbient Air)		
Repo	ort No.	NLES/2	3-24/04/AA/RE	/189 Rep	ort Issue Date		22/04/2023	
	e and Address of omer		etarolls Ispat F 48, Adjecent to		-II,Daregaon,Ja	na.		
Disci	pline	Chemic	al	Date & Tir Sampling	me of		m 10:00 AM of 15/04/2023 to 0 PM of 15/04/2023 (8 hrs)	
Grou	ıp	Atmosp	heric Pollution	Sampling	Procedure	IS 5	182 Part 5	
Sub	Group	Ambien	Ambient Air		done by		tal Laboratories and Environmenta ices Private Limited	
Sam	pling Location	Near M	ain Gate	Dry bulb t	emperature	35°0	3	
Wet	bulb temperature	25°C		Relative H	lumidity	39 9	6	
Samp	ole Volume		nl ×1 no. (Plastic B 1no. (Filter Paper)			tic Bottle)		
Start	Date of Analysis	17/04/2	2023	End Date	of Analysis	22/04/2023		
				Results				
Sr. No.	Parameters		Results	Unit(s)	Specification (NAAQ Stand		Methods	
1	Sulphur Dioxide (SO:	2)	23.8	μg/m³	≤ 80		IS 5182 (Part 2)	
2	Oxides of Nitrogen (NO ₂)	26.9	μg/m³	≤ 80		IS 5182 (Part 6)	
3	Particulate Matter P	M ₁₀	72.3	μg/m³	≤ 100		IS 5182 (Part 4), 1999	
4	Particulate Matter P	M _{2.5}	46.9	μg/m³	≤ 60		IS 5182 (Part 24), 2019	
5	Ozone (O ₃)		9.6	μg/m³	≤ 180		Method 411, Air Sampling and Analysis, 3rd Edition, 2020	
6	Ammonia (NH ₃)		4.9	μg/m³	≤ 400		Method 401, Air Sampling and Analysis 3rd Edition, 2020	
7	Lead (Pb)		BDL	μg/m³	≤ 01		Air Sampling and Analysis, 3rd	
8	Arsenic (As)		BDL	ng/m³	≤ 06		Edition, 2020	
9	Nickel (Ni)		BDL	ng/m³	≤ 20			
10	Carbon Monoxide (C	(0)	0.21	mg/m ³	≤ 04		GC FID Methanizer Method	

Reviewed By

Benzo(a)Pyrene (BaP)

Benzene(C₆H₆)

11

12

(Ms. Kalyani Gore) (Technical Manager) BDL

BDL

Remark- All above results are within National Ambient Air Quality standards.

Environment

ng/m³

µg/m³

≤ 1.0

≤ 05

Authorized Signatory

IS 5182 Part 12

IS 5182 Part 11

(Mr. Abhishek Tope) (Quality Manager)

Terms and Conditions

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- The results shown in this test report may differ based on various factors including temperature, humidity, pressure, retention time
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And Environmental Services Pvt. Ltd.

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

Report No. NLES/23-24/04/AA/RE					nbient Air Report Issue D	•	22/04/2023	
Nam	e and Address of omer							
Disci	pline	Chemi	cal	Date & T			10:10 AM of 15/04/2023 to PM of 15/04/2023 (8 hrs)	
Grou	ıp	Atmos	pheric Pollution	Sampling	Procedure	IS 51	82 Part 5	
Sub	Group	Ambie	nt Air	Sampling	g done by	1222	al Laboratories and Environmenta ces Private Limited	
Sam	pling Location	Furna	ce Shed	Dry bulb	temperature	37°C	64 44	
Wet	bulb temperature	27°C		Relative	Humidity	39 %		
Samp	ole Volume	177	ml ×1 no. (Plastic B ×1no. (Filter Paper)	-0.5	50			
Start	Date of Analysis	17/04,	/2023	End Date	of Analysis	22/0	4/2023	
			The standard	Results				
Sr. No.	Parameters		Results	Unit(s)	Specifications (NAAQ Standards)		Methods	
1	Sulphur Dioxide (SO ₂)		18.6	μg/m³	≤ 80		IS 5182 (Part 2)	
2	Oxides of Nitrogen (N	IO ₂)	23.7	μg/m³	≤ 80		IS 5182 (Part 6)	
3	Particulate Matter PN	N ₁₀	69.5	μg/m³	≤ 100		IS 5182 (Part 4), 1999	
4	Particulate Matter PN	N _{2.5}	46.1	μg/m³	≤ 60		IS 5182 (Part 24), 2019	
5	Ozone (O ₃)		9.5	μg/m³	≤ 180		Method 411, Air Sampling and Analysis, 3rd Edition, 2020	
6	Ammonia (NH ₃)		5.9	μg/m³	≤ 400		Method 401, Air Sampling and Analysis 3rd Edition, 2020	
7	Lead (Pb)	854	0.017	μg/m³	≤ 01		Air Sampling and Analysis, 3rd	
8	Arsenic (As)	<u></u>	BDL	ng/m³	≤ 06		Edition, 2020	
9	Nickel (Ni)		BDL	ng/m³	≤ 20			
10	Carbon Monoxide (CC	0)	0.34	mg/m³	≤ 04		GC FID Methanizer Method	
11	Benzo(a)Pyrene (BaP))	BDL	ng/m³	≤ 1.0		IS 5182 Part 12	
12	Benzene(C ₆ H ₆)		BDL	μg/m ³	≤ 05		IS 5182 Part 11	

Reviewed By

(Ms. Kalyani Gore) (Technical Manager) **Authorized Signatory**

(Mr. Abhishek Tope) (Quality Manager)

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PUNE

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consent of laboratory, NLES.



And Environmental Services Pvt. Ltd.

Certifications: ISO 9001: 2015 ISO 14001: 2015

ISO 45001: 2018

			TEST RE	PORT (A	lmbient Ai	r)		
Repo	ort No.	NLES/	NLES/23-24/04/AA/RE/191 Report Issue Dat			Date	22/04/2023	
Nam	e and Address of	M/s.I	M/s.Metarolls Ispat Pvt.Ltd.					
Cust	omer	Gut N	Gut No.48, Adjecent to MIDC Phase-II, Daregaon, Jalna.					
Disc	pline	Chem	ical				10:20 AM of 15/04/2023 to 6:2 f 15/04/2023 (8 hrs)	
Grou	ıp	Atmos	spheric ion	Samplin	Procedure IS 5182 Part 5		82 Part 5	
Sub	Group	Ambie	Ambient Air		Sampling done by		l Laboratories and Environmental es Private Limited	
Sam	pling Location	Rollin	Rolling Mill Shed		Dry bulb temperature 3			
Wet	bulb temperature	26°C		Relative Humidity		43 %		
Samı	ole Volume	100		2000	0_2 :30 ml×1 no. (P 12:30 ml×1 no. (P			
Star	Date of Analysis	17/04	/2023	End Date	e of Analysis	22/04	4/2023	
				Resul	ts			
Sr. No.	Parameters		Results	Unit(s)	Specifica (NAAQ Star		Methods	
1	Sulphur Dioxide (SO ₂)	17.4	μg/m³	≤ 80		IS 5182 (Part 2)	
2	Oxides of Nitrogen (I	NO ₂)	23.6	μg/m³	≤ 80	1	IS 5182 (Part 6)	
3	Particulate Matter P	M ₁₀	65.9	μg/m³)	IS 5182 (Part 4), 1999	
4	Particulate Matter P	M _{2,5}	48.5	μg/m³			IS 5182 (Part 24), 2019	
5	Ozone (O ₃)		9.9	μg/m³)	Method 411, Air Sampling and Analysis, 3rd Edition, 2020	
6	Ammonia (NH ₂)		6.8	ug/m³	< 400	1	Method 401, Air Sampling and	

μg/m³

μg/m³

ng/m³

ng/m3

mg/m3

ng/m3

μg/m³

Environmente

PUNE

≤ 400

≤01

≤06

≤ 20

≤ 04

≤ 1.0

≤ 05

6.8

BDL

BDL

BDL

0.34

BDL

BDL

Remark- All above results are within National Ambient Air Quality standards.

Reviewed By

(Ms. Kalyani Gore) (Technical Manager) Authorized Signatory

Edition, 2020

IS 5182 Part 12

IS 5182 Part 11

Analysis 3rd Edition, 2020

Air Sampling and Analysis, 3rd

GC FID Methanizer Method

ohishek Tope) (Quality Manager)

Terms and Conditions

6

7

8

9

10

11

12

Ammonia (NH₃)

Carbon Monoxide (CO)

Benzo(a)Pyrene (BaP)

Lead (Pb)

Arsenic (As)

Benzene(C₆H₆)

Nickel (Ni)

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End of Report************

Page 1 of 1



And Environmental Services Pvt. Ltd.

Certifications: ISO 9001: 2015 ISO 14001: 2015

ISO 45001: 2018

TEST REPORT						
Report No.	NLES/23-24/04/NI/RE/192	Report Issue Date	22/04/2023			
Name and Address of Customer	M/s.Metarolls Ispat Pvt.Ltd Gut No.48, Adjecent to MIDC F					
Discipline	Chemical					
Group	Atmospheric Pollution					
Sub Group	Ambient Air	Ambient Air				
Sample Name	Ambient Noise					
Date of Sampling	15/04/2023					
Method of Sampling	IS 9989: 1981					
Sampling Duration	24 hrs. Day & Night					
Sampling done by	Neetal Laboratories and Environm	nental Services Private Limite	d			
	Results		H. W.			
	_	e Level Reading	ASSAULT SEPON OF THE PROPERTY OF			

Sr. No. Locati	Location	Average Nois	Limits as per CPCB	
	Location	Day Time	Night Time	guidelines
1	Main Gate	67.5	59.5	Day Time = 75 dB
2	Admin Office	61.2	50.3	Night Time =70 dB

Remark- All above Noise level results are within Central Pollution Control Board Standards limit.

Reviewed By

(Technical Manager)



Authorized Signatory

(Quality Manager)

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And Environmental Services Pvt. Ltd.

Certifications: ISO 9001: 2015 ISO 14001: 2015

ISO 45001: 2018

			TEST RE	PORT	(Stack	Emissio	n)		
Repo	rt No.	NLES/23	-24/04/ST/RE/	193	Report Iss	t Issue Date 22/04		/2023	
	Iame and Address of ustomer M/s.Metarolls Ispat Pvt.Ltd. Gut No.48, Adjecent to MIDC Ph					egaon,Jalna	a.		
Disci	pline	Chemical					Stack Ma	aterial: MS	
Grou	р	Pollution	& Environment.		Sample Desc	ription	Stack He	ight: 35 Mtr	
Sub (Group	Stack Em	ission				Stack Ty	pe: Round	
Date	of Sampling	15/04/20	23		Sampling Loc	ation	Inductio	n Furnace Stack	
Samp	oling done by	Neetal Laboratories and Environmental Services Private Limited			Sampling duration		30 Min		
Samp	ole Quantity	Thimble : Solution	1 Nos and 30 ml		Sampling Pro	cedure	CPCB Guideline on methodologies source emission monitoring		
Start	Date of Analysis	17/04/2	023		End Date of	Analysis	22/04/2	/2023	
				R	Results				
Sr. No.	Paramete	rs	Results	U	Init(s)	Specific (MPCB C		Methods	
1	Flue Gas Tempera	ature	51		°C				
2	Differential Press	ure	4.3	m	m WG				
3	Velocity		8.07		M/s				
4	Total Particulate	Matter	43.7	mį	ng/Nm3 ≤ 100		00	IS 11255 (Part 1)	
5	Sulphur Dioxide (SO ₂)	25.8	mį	g/Nm3	N.	S.	IS 11255 (Part 2)	
6	Oxides of Nitroge	n (Nox)	23.9	mį	g/Nm3	N.:	S.	IS 11255 (Part 7)	
	Remark-	All above r	esults are well	within I	MPCB Limit.	N.S-Not S	pecified,		

Reviewed By

(Technical Manager)



Authorized Signatory

(Mr. Abhishek Tope) (Quality Manager)

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NEETAL LABORATORIES And Environmental Services Pvt. Ltd.

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

			TEST F	REPORT		
Report f	No:	NLES/23-24/04/\	WZ/RE/195	Report Issue Date	22/04/20	23
The state of the s			spat Pvt.Ltd. ent to MIDC Pha	ase-II,Daregaon,Jalna.		
Sample Name Wor		Workzone Noise		Date of Sampling	15/04/202	23
Sampling done by Neetal Laboratorie			s and Environmer	ntal Services Private Limited		
			Res	ults		
Sr. No.	Lo	cations	dB(A)	Specifications (The Act 1948, stand		Method
1.	Funace Shed		83.2			
2.	Casting Area 78.5 ≤90 Raw Material Handling Unit 79.7		CPCB Guideli			
3.			79.7			

Reviewed By

(Ms Kalyani Gore) (Technical Manager)



Authorized Signatory

(Mr. Abhishek Tope (Quality Manager)

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And Environmental Services Pvt. Ltd.

ISO 9001 : 2015 ISO 14001 : 2015 ISO 45001 : 2018

Certifications:

			TES	T REPORT			
Repo	ort No.	NLES/23-24	/04/W/RE/196	Report Issue Date	e	22/04/2023	
	e and Address of	M/s.Metar	olls Ispat Pvt.	Ltd.			
Customer Gut No.48, Ac		그리 그렇게 많아 먹어야 하게 하는 사람들이 없었다.	C Phase-II, Daregaor	,Jalna.			
Disci	pline	Chemical		Date of Sample C	ollection	15/04/2023	
Grou	ıp	Water		Sample Quantity		02 lit Plastic Can	
Sub	Group	Surface Wat	er	Sampling Procedu	ure	APHA 1060	
Sam	ple Description	Moti Pond		Sample Status		Sealed	
Sam	pling done by	Neetal Labora Environmenta Private Limite	al Services	Environmental Co sample storage a		Temperature: 25 °C ±5 °C & Humidity: 30 % to 80 % RH	
Star	Start Date of Analysis 17/04/2023			End Date of Anal	ysis	22/04/2023	
				Results	2.		
Sr. No.	Parameters		Unit(s)	Results	Methods	91	
PHY	SICAL PARAMETERS	5			100		
1	Odour		-	Agreeable	IS 3025 Pa		
2	pH at 25°C		-	7.52		O H+ A, 23 rd Ed. 2017	
3	Turbidity		NTU	0.61		3025 Part-10	
4	Total Dissolved So	olids	mg/l	873	Committee of the commit	0 C, 23 rd Ed. 2017	
5	Ammonical Nitro	gen as N	mg/l	0.53		NH3, 23 rd Ed. 2017.	
6	Calcium (as Ca)		mg/l	39.4	CHARLES CONTACTOR CONTRACTOR CONT	Ca B, 23 rd Ed. 2017	
7	Chloride (as CI)		mg/l	96.7		Cl - B 23 rd Ed. 2017	
8	Fluoride (as F)		mg/l	0.72	Total Control of the	D F ⁻ - D 23 rd Ed. 2017	
9	Residual Chlorine	202 CAL - 200	mg/l	<0.1		rt 26 (Rev.1, RA 2014)	
10	Magnesium (as N	lg)	mg/l	27.8		O Mg A, 23 rd Ed. 2017	
11	Nitrate (as NO ₃)	E	mg/l	6.78		0 NO3- B 23 rd Ed. 2017	
12	Sulphate (as SO ₄)		mg/l	59.4		SO4 E, 23 rd Ed. 2017	
13	Total Alkalinity (a		mg/l	268.7		O B, 23 rd Ed. 2017	
14	Total Hardness (a	s CaCO₃)	mg/l	378.4		O B, 23 rd Ed. 2017	
15	Iron (as Fe)		mg/l	0.69	IS 3025 (Pa		
16	Colour		Hazen	1.0	IS 3025 (Pa	art-4)	

Reviewed By

(Ms. Kalyani Gore) (Technical Manager) **Authorized Signatory**

(Mr. Abhishek Tope) (Quality Manager)

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And Environmental Services Pvt. Ltd.

Certifications: ISO 9001: 2015 ISO 14001: 2015

ISO 45001: 2018

			TES	T REPORT		
Repo	ort No.	NLES/23-24	04/W/RE/197	Report Issue Date	e	22/04/2023
	e and Address of	M/s.Metar	olls Ispat Pvt.	Ltd.		
The state of the s			C Phase-II, Daregaor	n,Jalna.		
Disci	pline	Chemical		Date of Sample C		15/04/2023
Grou	ip	Water		Sample Quantity		02 lit Plastic Can
Sub (Group	Ground Wat	er	Sampling Proced	ure	APHA 1060
Samı	ple Description	Daregaon Vi	llage	Sample Status		Sealed
Sam	pling done by	Neetal Labora		Environmental C	ondition for	Temperature: 25 °C ±5 °C &
		Environmenta Private Limite		sample storage a	and Analysis	Humidity: 30 % to 80 % RH
Start Date of Analysis 17/04/2023			End Date of Anal	ysis	22/04/2023	
				Results		
Sr.	Parameters		Unit(s)	Results	Methods	
No.	I SICAL PARAMETERS					
1	Odour			Agreeable	IS 3025 Pa	art-5
2	pH at 25°C		-	6.91	APHA 4500	0 H+ A, 23 rd Ed. 2017
3	Turbidity		NTU	0.54	IS 3025 Pa	
4	Total Dissolved So	lids	mg/l	508	APHA 254	0 C, 23 rd Ed. 2017
5	Ammonical Nitrog	en as N	mg/I	0.31	APHA 4500	0 NH3, 23 rd Ed. 2017.
6	Calcium (as Ca)		mg/l	31.5		0 Ca B, 23 rd Ed. 2017
7	Chloride (as Cl)		mg/l	76.4		0 Cl - B 23 rd Ed. 2017
8	Fluoride (as F)		mg/l	0.41		0 F ⁻ - D 23 rd Ed. 2017
9	Residual Chlorine	as Cl	mg/l	<0.10		rt 26 (Rev.1, RA 2014)
10	Magnesium (as M	g)	mg/l	15.9		0 Mg A, 23 rd Ed. 2017
11	Nitrate (as NO₃)		mg/l	3.43		0 NO3- B 23 rd Ed. 2017
12	Sulphate (as SO ₄)		mg/l	53.9		0 SO4 E, 23 rd Ed. 2017
13	Total Alkalinity (as		mg/l	199.4		0 B, 23 rd Ed. 2017
14	Total Hardness (as	s CaCO ₃)	mg/l	259.6		0 B, 23 rd Ed. 2017
15	Iron (as Fe)		mg/l	0.38	IS 3025 (Pa	
16	Colour		Hazen	1.0	IS 3025 (Pa	art_4)

(Technical Manager)

Authorized Signatory

Abhishek Tope) (Quality Manager)

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And Environmental Services Pvt. Ltd.

Certifications: ISO 9001: 2015 ISO 14001: 2015

ISO 45001: 2018

553	100000		TEST REPO							
	rt No.		/23-24/05/AA/RE/		Report Issue	Date	27/05/2023			
Nam	e and Address of		M/s.Metarolls Ispat Pvt.Ltd.							
Custo	omer	Gut N	Gut No.48, Adjecent to MIDC Phase-II, Daregaon, Jalna.							
Disci	pline	Chem	Chemical				10:10 AM of 20/05/2023 to 6:1 20/05/2023 (8 hrs)			
Grou	р	Atmo	spheric Pollution	Sampling	Procedure	IS 518	2 Part 5			
Sub (Group	Ambi	ent Air	Sampling	done by		Laboratories and Environmental es Private Limited			
Samı	oling Location	Near	Main Gate	Dry bulb temperat	ure	36ºC				
Wet	bulb temperature	27°C		Relative H	Humidity	38 %				
Samp	ole Volume		0 ml ×1 no. (Plastic B 1×1no. (Filter Paper)				tle)			
			5/2023	The second secon	of Analysis	27/05	/2023			
	•	(35-5-31-10) ¥ 35-6-3	T TO TAKE	Results						
Sr. No.	Parameters		Results	Unit(s)	Specification (NAAQ Star		Methods			
1	Sulphur Dioxide (SO ₂)		22.7	μg/m³	≤ 80		IS 5182 (Part 2)			
2	Oxides of Nitrogen (N	O ₂)	26.1	μg/m³	≤ 80		IS 5182 (Part 6)			
3	Particulate Matter PN	110	78.5	μg/m³	≤ 100)	IS 5182 (Part 4), 1999			
4	Particulate Matter PN	1 _{2.5}	52.3	μg/m ³	≤ 60		IS 5182 (Part 24), 2019			
5	Ozone (O ₃)		9.9	μg/m³	≤ 180)	Method 411, Air Sampling and Analysis, 3rd Edition, 2020			
6	Ammonia (NH₃)		7.6	μg/m³	≤ 400)	Method 401, Air Sampling and Analysis 3rd Edition, 2020			
7	Lead (Pb)		BDL	μg/m³	≤ 01		Air Sampling and Analysis, 3rd			
8	8 Arsenic (As)		BDL	ng/m³	≤ 06		Edition, 2020			
9	Nickel (Ni)		BDL	ng/m³	≤ 20					
10	Carbon Monoxide (Co	0)	0.34	mg/m ³	≤ 04		GC FID Methanizer Method			
11	Benzo(a)Pyrene (BaP	Λ.	BDL	ng/m³	≤ 1.0		IS 5182 Part 12			
12	Benzene(C ₆ H ₆)		BDL	μg/m ³	≤ 05		IS 5182 Part 11			

Terms and Conditions

Reviewed By

(Ms. Kalyani Gore)

(Technical Manager)

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Authorized Signatory

(Mr. Abhishek Tope) (Quality Manager)



And Environmental Services Pvt. Ltd.

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

Repo	ort No.	NLES	ES/23-24/05/AA/RE/440		Report Is	ort Issue Date		27/05/2023	
Nam	e and Address of	M/s.	//s.Metarolls Ispat Pvt.Ltd.						
Cust	omer	Gut N	o.48, Adjecent to	MIDC Ph	ase-II,Da	aregaon,J	alna.		
Dissi	nlina	Chemical		Date &	Date & Time of From		From	10:20 AM of 20/05/2023 to	
Discipline		Chem	ICal	Sampli	ng		6:20 F	PM of 20/05/2023 (8 hrs)	
Grou	ıp	Atmo	spheric Pollution	Sampli	ng Proce	edure	Acres Art Marie	32 Part 5	
Sub	Group	Ambi	ent Air	Sampli	ing done	by	11.10.00.00.00.00.00.00	l Laboratories and Environmenta es Private Limited	
Sam	pling Location	Furna	ce Shed	Dry bu	lb temp	erature	38°C		
Wet	bulb temperature	27°C		Relativ	e Humic	dity	37 %		
Samp	ole Volume) ml ×1 no. (Plastic B 1×1no. (Filter Paper)						
Start Date of Analysis		22/05	/2023	End Da	End Date of Analysis 27/0		27/05	/2023	
				Resul	ts		No.		
Sr. No.	Parameters		Results	Unit(s		Specifications (NAAQ Standards)		Methods	
1	Sulphur Dioxide (SO ₂)		22.6	μg/m	3	≤ 80		IS 5182 (Part 2)	
2	Oxides of Nitrogen (N	IO ₂)	27.8	μg/m	3	≤ 80		IS 5182 (Part 6)	
3	Particulate Matter PN	N ₁₀	72.3	μg/m		≤ 100		IS 5182 (Part 4), 1999	
4	Particulate Matter PN	N _{2.5}	51.4	μg/m		≤ 60	7	IS 5182 (Part 24), 2019	
5	Ozone (O ₃)		9.6	μg/m	_	≤ 180		Method 411, Air Sampling and Analysis, 3rd Edition, 2020	
6	Ammonia (NH₃)		7.8	μg/m	3	≤ 400		Method 401, Air Sampling and Analysis 3rd Edition, 2020	
7	Lead (Pb)		0.019	μg/m	3	≤ 01		Air Sampling and Analysis, 3rd	
8	Arsenic (As)		BDL	ng/m	3	≤ 06		Edition, 2020	
9	Nickel (Ni)		BDL	ng/m	3	≤ 20			
10	Carbon Monoxide (Co	0)	0.35	mg/m	3	≤ 04	No.	GC FID Methanizer Method	
11	Benzo(a)Pyrene (BaP)	BDL	ng/m	3	≤ 1.0		IS 5182 Part 12	
CHILA	2 Benzene(C ₆ H ₆)		BDL	μg/m	3	≤ 05		IS 5182 Part 11	

Reviewed By

(Ms. Kalyani Gore) (Technical Manager)



Authorized Signatory

(Mr. Abhishek Tope) (Quality Manager)

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And Environmental Services Pvt. Ltd.

Certifications: ISO 9001: 2015 ISO 14001: 2015

ISO 45001: 2018

Renc	ort No.	NLES	TEST REPO /23-24/05/AA/RE/		port Issue Date		27/05/2023		
	e and Address of		//s.Metarolls Ispat Pvt.Ltd.						
	omer	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	o.48, Adjecent to		e-II,Daregaon,J	alna.			
			S (5 p				10:30 AM of 20/05/2023 to		
Disci	pline	Chem	ical	Sampling		6:30	PM of 20/05/2023 (8 hrs)		
Grou	ıp	Atmo	spheric Pollution	Sampling	Procedure		82 Part 5		
Sub	Group	Ambi	ent Air	Sampling	done by	10000000000000000000000000000000000000	al Laboratories and Environmenta ces Private Limited		
Sam	pling Location	Rollin	g Mill Shed	Dry bulb	temperature	37°C			
Wet	bulb temperature	28°C		Relative I	TOTAL SERVICE STREET,	40 %			
Samp	ole Volume	1000) ml ×1 no. (Plastic B 1×1no. (Filter Paper)						
Start	Date of Analysis	22/05	5/2023	End Date	of Analysis	27/0	5/2023		
				Results					
Sr. No.	Parameters		Results	Unit(s)	Specifications (NAAQ Standards)		Methods		
1	Sulphur Dioxide (SO ₂))	16.9	μg/m³	≤ 80		IS 5182 (Part 2)		
2	Oxides of Nitrogen (N	1O ₂)	24.7	μg/m³	≤ 80		IS 5182 (Part 6)		
3	Particulate Matter PN	M ₁₀	69.9	μg/m³	≤ 100		IS 5182 (Part 4), 1999		
4	Particulate Matter PN	N _{2.5}	47.6	μg/m³	≤ 60		IS 5182 (Part 24), 2019		
5	Ozone (O ₃)		9.7	μg/m³	≤ 180		Method 411, Air Sampling and Analysis, 3rd Edition, 2020		
6	Ammonia (NH ₃)		5.8	μg/m³	≤ 400		Method 401, Air Sampling and Analysis 3rd Edition, 2020		
7	Lead (Pb)		BDL	μg/m³	≤ 01		Air Sampling and Analysis, 3rd		
8	Arsenic (As)		BDL	ng/m³	≤ 06		Edition, 2020		
9	Nickel (Ni)		BDL	ng/m³	≤ 20				
10	Carbon Monoxide (Co	O)	0.37	mg/m ³	≤ 04		GC FID Methanizer Method		
11	Benzo(a)Pyrene (BaP)	BDL	ng/m³	≤ 1.0		IS 5182 Part 12		
12	Benzene(C ₆ H ₆)		BDL	μg/m³	≤ 05		IS 5182 Part 11		

Reviewed By

(Ms/Kalyani Gore) (Technical Manager)



Authorized Signatory

(Mr. Abhishek Tope) (Quality Manager)

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And Environmental Services Pvt. Ltd.

Certifications: ISO 9001: 2015 ISO 14001: 2015

ISO 45001: 2018

TEST REPORT								
Report No.	NLES/23-24/05/NI/RE/442	Report Issue Date	27/05/2023					
Name and Address of	M/s.Metarolls Ispat Pvt.Ltd	l.						
Customer	Gut No.48, Adjecent to MIDC	Phase-II, Daregaon, Jalna.						
Discipline	Chemical							
Group	Atmospheric Pollution							
Sub Group	Ambient Air							
Sample Name	Ambient Noise							
Date of Sampling	20/05/2023							
Method of Sampling	IS 9989: 1981							
Sampling Duration	24 hrs. Day & Night	24 hrs. Day & Night						
Sampling done by	Neetal Laboratories and Environmental Services Private Limited							

Results

C- N-		Average Nois	Limits as per CPCB	
Sr. No.	Location	Day Time	Night Time	guidelines
1	Main Gate	68.5	53.9	Day Time = 75 dB
2	Admin Office	63.4	50.1	Night Time =70 dB

Remark- All above Noise level results are within Central Pollution Control Board Standards limit.

Reviewed By

(Technical Manager)



Authorized Signatory

hishek Tope) (Quality Manager)

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NEETAL LABORATORIES And Environmental Services Pvt. Ltd.

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

			TEST RE	POR	T (Stack	Emissio	n)		
Repo	rt No.	NLES/23	-24/05/ST/RE/	443	Report Is	sue Date	27/05	/2023	
Name	e and Address of	M/s.Me	tarolls Ispat I	Pvt.Ltc	d.				
Custo	mer Gut No.48, Adjecent to MIDC Phase-II, Daregaon, Jalna.		a.						
Disci	pline	Chemical	ical				Stack Ma	aterial: MS	
Grou	р	Pollution	& Environment.		Sample Desc	ription	Stack He	ight: 35 Mtr	
Sub C	Group	Stack Em	ission				Stack Ty	pe: Round	
Date	of Sampling	20/05/20	23		Sampling Lo	cation	Inductio	n Furnace Stack	
Samp	oling done by		boratories and ental Services mited		Sampling du	duration 30 Min		0 Min	
Samp	Sample Quantity The Science of the S		1 Nos and 30 ml		Sampling Pro	ocedure	I .	ideline on methodologies for mission monitoring	
Start	Date of Analysis	22/05/2	.023		End Date o	f Analysis	27/05/2	2023	
					Results				
Sr. No.	Paramete	rs	Results	ι	Jnit(s)	Specific (MPCB C		Methods	
1	Flue Gas Tempera	ature	47		°C				
2	Differential Press	ure	4.5	m	ım WG				
3	Velocity		8.12		M/s				
4	Total Particulate I	Matter	51.6	m	mg/Nm3 ≤ 10		00	IS 11255 (Part 1)	
5	Sulphur Dioxide (SO ₂)	22.6	m	g/Nm3	N.S	S	IS 11255 (Part 2)	
6	Oxides of Nitroge	n (Nox)	25.7	m	g/Nm3	N.S	5.	IS 11255 (Part 7)	
	Remark- A	All above r	esults are well	within	MPCB Limit	. N.S-Not Sp	ecified,		

Reviewed By

(Ms. Kalyani Gore) (Technical Manager)



Authorized Signatory

(Mr. Abhishek Tope) (Quality Manager)

End of Report

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NEETAL LABORATORIES And Environmental Services Pvt. Ltd.

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

			TEST I	REPORT			
Report I	No:	NLES/23-24/05/	WZ/RE/445	Report Issue Date	27/05/20	23	
Name a	nd Address of er	M/s.Metarolls Gut No.48, Adje	"- CONTROL	ase-II,Daregaon,Jalna.			
Sample	Name	Workzone Noise		Date of Sampling	20/05/202	23	
Sampling done by Neetal Laboratorie			es and Environme	ntal Services Private Limited			
			Res	sults			
Sr. No.	Lo	ocations	dB(A)	Specifications (The Act 1948, stand	The state of the s	Method	
1.	Funace Shed		78.9			CPCB Guideline	
2.	Casting Area		75.6	≤90			
3.	Raw Material	Handling Unit	76.7	76.7			

Reviewed By

(Ms. Kalyani Gore) (Technical Manager)



Authorized Signatory

(Mr. Aphishek Tope) (Quality Manager)

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And Environmental Services Pvt. Ltd.

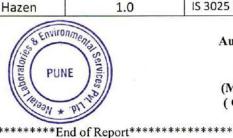
ISO 9001 : 2015 ISO 14001 : 2015 ISO 45001 : 2018

Certifications:

		8	TES.	T REPORT					
Repo	ort No.	NLES/23-24	/05/W/RE/446	Report Issue Date	27/05/2023				
Name and Address of M/s.Metarolls Ispat		olls Ispat Pvt.L	td.	177	Tir				
Custo	omer	Gut No.48, A	Gut No.48, Adjecent to MIDC Phase-II, Daregaon, Jalna.						
Disci	pline	Chemical	3t.	Date of Sample C	ollection	20/05/2023			
Grou	р	Water		Sample Quantity		02 lit Plastic Can			
Sub	Group	Surface Wat	er	Sampling Proced	ure	APHA 1060			
Sam	ole Description	Moti Pond		Sample Status		Sealed			
Sampling done by Neetal Laborator Environmental S Private Limited		al Services	Environmental Co sample storage a		Temperature: 25 °C ±5 °C & Humidity: 30 % to 80 % RH				
Start	Start Date of Analysis 22/05/2023			End Date of Analysis		27/05/2023			
	•			Results					
Sr. No.	Parameters		Unit(s)	Results	Methods				
An Allec Police St.	SICAL PARAMETERS		1	<u></u>	 				
1	Odour		12	Agreeable	IS 3025 Pa	art-5			
2	pH at 25°C		-	7.64	APHA 4500	0 H+ A, 23 rd Ed. 2017			
3	Turbidity		NTU	0.87	IS 3025 Pa	art-10			
4	Total Dissolved So	lids	mg/l	890	APHA 254	0 C, 23 rd Ed. 2017			
5	Ammonical Nitrog	en as N	mg/l	0.59	APHA 4500	0 NH3, 23 rd Ed. 2017.			
6	Calcium (as Ca)		mg/l	42.6	APHA 3500	O Ca B, 23 rd Ed. 2017			
7	Chloride (as Cl)		mg/l	102.7	The rain breaking the second	0 Cl ⁻ - B 23 rd Ed. 2017			
8	Fluoride (as F)		mg/l	0.98	APHA 4500	0 F ⁻ - D 23 rd Ed. 2017			
9	Residual Chlorine	as Cl	mg/l	<0.1		rt 26 (Rev.1, RA 2014)			
10	Magnesium (as M	g)	mg/I	24.8		0 Mg A, 23 rd Ed. 2017			
11	Nitrate (as NO ₃)		mg/l	6.69	THE RESERVE WAS A STREET	0 NO3- B 23 rd Ed. 2017			
12	Sulphate (as SO ₄)		mg/l	57.8		0 SO4 E, 23 rd Ed. 2017			
13	Total Alkalinity (as		mg/l	279.5	The state of the s	O B, 23 rd Ed. 2017			
14	Total Hardness (as	s CaCO ₃)	mg/l	363.9	APHA 2340	0 B, 23 rd Ed. 2017			
15	Iron (as Fe)		mg/l	0.57	IS 3025 (Pa	AND STORES AND			
	City and the control of the city and city a		The second second	25 (Gal)	10 2025 /0	COLUMN CANA			

Reviewed By

(Ms. Kalyani Gore) (Technical Manager)



Authorized Signatory

IS 3025 (Part-4)

(Mr. Abhishek Tope) (Quality Manager)

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And Environmental Services Pvt. Ltd.

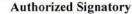
ISO 9001 : 2015 ISO 14001 : 2015 ISO 45001 : 2018

Certifications:

			TES	T REPORT		
Repo	ort No.	NLES/23-24/	05/W/RE/447	Report Issue Date	2	27/05/2023
	e and Address of	M/s.Metar	olls Ispat Pvt.	Ltd.		
Customer Gut No.48, Adje			djecent to MID	C Phase-II, Daregaon	,Jalna.	
Disci	ipline	Chemical		Date of Sample C	ollection	20/05/2023
Grou	ıp	Water		Sample Quantity		02 lit Plastic Can
Sub	Group	Ground Wate	er	Sampling Procedu	ure	APHA 1060
Sam	ple Description	Daregaon Vil	lage	Sample Status		Sealed
Sam	pling done by	Neetal Labora Environmenta Private Limite	l Services	The first of the second	Environmental Condition for sample storage and Analysis Humidity	
Star	Start Date of Analysis 22/05/2023		****	End Date of Anal	ysis	27/05/2023
				Results		<u> </u>
Sr. No.	Parameters		Unit(s)	Results	Methods	
PHY	SICAL PARAMETERS		J.			
1	Odour		-	Agreeable	IS 3025 Pa	
2	pH at 25°C		-	7.05	APHA 4500	O H+ A, 23 rd Ed. 2017
3	Turbidity		NTU	0.51	IS 3025 Pa	
4	Total Dissolved So	lids	mg/l	569		0 C, 23 rd Ed. 2017
5	Ammonical Nitrog	en as N	mg/l	0.35	A CONTRACTOR OF SERVICE	O NH3, 23 rd Ed. 2017.
6	Calcium (as Ca)		mg/l	34.8		Ca B, 23 rd Ed. 2017
7	Chloride (as Cl)		mg/l	79.8	DAMES OF STREET PROPERTY.	O Cl - B 23 rd Ed. 2017
8	Fluoride (as F)		mg/l	0.45	H WANTED MARKET	D F ⁻ - D 23 rd Ed. 2017
9	Residual Chlorine	as Cl	mg/l	<0.10		rt 26 (Rev.1, RA 2014)
10	Magnesium (as M	g)	mg/l	17.7		O Mg A, 23 rd Ed. 2017
11	Nitrate (as NO ₃)		mg/l	3.59		0 NO3- B 23 rd Ed. 2017
12	Sulphate (as SO ₄)		mg/l	59.8	Mark the second	SO4 E, 23 rd Ed. 2017
13	Total Alkalinity (as		mg/l	205.6		D B, 23 rd Ed. 2017
14	Total Hardness (as	CaCO ₃)	mg/l	278.4	CANAL TANKS ALBORES CO.	O B, 23 rd Ed. 2017
15	Iron (as Fe)		mg/l	0.42	IS 3025 (Pa	4.0
16	Colour		Hazen	1.0	IS 3025 (Pa	art-4)

Reviewed By

(Msi Kalyani Gore) (Technical Manager)



(Mr. Abhishek Tope) (Quality Manager)

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End of Report *************

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And Environmental Services Pvt. Ltd.

Certifications: ISO 9001: 2015 ISO 14001: 2015

ISO 45001: 2018

			IESI KE	PORT (Ar	nbient A	ir)	
Repo	ort No.	NLES/23	3-24/06/AA/RE/	/651 Report Issue Date 15/0			06/2023
	e and Address of omer		etarolls Ispat P 48, Adjecent to		I,Daregaon,J	alna.	
Discipline		Chemica	al	Date & Tim Sampling	The state of the s		0:00 AM of 08/06/2023 to 6:00 08/06/2023 (8 hrs)
Grou	р	Atmosp	heric Pollution	Sampling P	rocedure	IS 5182	Part 5
Sub	Group	Ambien	t Air	Sampling d	one by	The state of the s	aboratories and Environmental Private Limited
Samı	oling Location	Near Ma	ain Gate	Dry bulb te	mperature	28°C	
Wet	bulb perature	23°C		Relative Hu	midity	72 %	
	ole Volume		nl ×1 no. (Plastic B Lno. (Filter Paper)	"2이 뭐라면 없었다" 하나 이 끝든 하는 것이 없었다. 그는	맛집 [집] [] [] # 4 4 [] [] [[[[[[[[[[[[[[[tic Bottle)
Start	Date of Analysis	09/06/2	023	End Date of	f Analysis	15/06/	2023
				Results))		
Sr. No.	Parameter	's	Results	Unit(s)	Specific (NAAQ Sta		Methods
1	Sulphur Dioxide (S	O ₂)	16.7	μg/m³	≤8	0	IS 5182 (Part 2)
2	Oxides of Nitrogen	(NO ₂)	19.5	μg/m³	≤ 8	0	IS 5182 (Part 6)
3	Particulate Matter	PM ₁₀	56.8	μg/m³	≤ 10	00	IS 5182 (Part 4), 1999
4	Particulate Matter	PM _{2.5}	35.7	μg/m³	≤ 6	0	IS 5182 (Part 24), 2019
5	Ozone (O ₃)	(A 90 V 2)	9.5	μg/m³	≤ 18	80	Method 411, Air Sampling and Analysis, 3rd Edition, 2020
6	Ammonia (NH ₃)		3.4	μg/m³	≤ 40	00	Method 401, Air Sampling and Analysis 3rd Edition, 2020
7	Lead (Pb)		BDL	μg/m³	≤ 0	1	Air Sampling and Analysis, 3rd
8	Arsenic (As)		BDL	ng/m³	≤ 0	538.	Edition, 2020
9	Nickel (Ni)		BDL	ng/m³	≤ 2	0	
10	Carbon Monoxide	(CO)	0.20	mg/m ³	≤ 0	4	GC FID Methanizer Method
11	Benzo(a)Pyrene (B	aP)	BDL	ng/m³	≤ 1.	0	IS 5182 Part 12
12	Benzene(C ₆ H ₆)		BDL	μg/m³	≤0	5	IS 5182 Part 11

Reviewed By

(Ms. Kalyani Gore) (Technical Manager) **Authorized Signatory**

(Mr. Abhishek Tope) (Quality Manager)

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And Environmental Services Pvt. Ltd.

Certifications: ISO 9001: 2015 ISO 14001: 2015

ISO 45001: 2018

			TEST REP	ORT (Ar	nbient Air)					
Repo	ort No.	NLES/2	3-24/06/AA/RE/	652	Report Issue I	Issue Date 15/06/2023					
Nam	e and Address of	M/s.M	M/s.Metarolls Ispat Pvt.Ltd.								
Customer		Gut No.	Gut No.48, Adjecent to MIDC Phase-II, Daregaon, Jalna.								
Disci	pline	Chemic	al	Date & T			n 10:10 AM of 08/06/2023 to PM of 08/06/2023 (8 hrs)				
Grou	р	Atmosp	heric Pollution	Sampling	g Procedure	IS 53	182 Part 5				
Sub (Group	Ambien	t Air	Sampling	g done by	A MARKETAN	al Laboratories and Environmenta ices Private Limited				
Samp	oling Location	Furnac	e Shed	Dry bulb	temperature	26°C	1				
Wet	bulb temperature	22°C		Relative	Humidity	78 %	6				
Samp	le Volume	1776	$SO_2:30 \text{ ml} \times 1 \text{ no.}$ (Plastic Bottle), $NO_2:30 \text{ ml} \times 1 \text{ no.}$ (Plastic PM ₁₀ :1×1no. (Filter Paper)				le)				
Start	Date of Analysis	09/06/2	2023	End Date of Analysis		15/0	06/2023				
				Results							
Sr. No.	Parameters		Results	Unit(s)	Specification (NAAQ Stand		Methods				
1	Sulphur Dioxide (SO ₂	.)	15.8	μg/m³	≤ 80		IS 5182 (Part 2)				
2	Oxides of Nitrogen (NO ₂)	22.3	μg/m³	≤ 80		IS 5182 (Part 6)				
3	Particulate Matter P	M ₁₀	51.4	μg/m ³	≤ 100		IS 5182 (Part 4), 1999				
4	Particulate Matter P	M _{2.5}	33.8	μg/m³	≤ 60		IS 5182 (Part 24), 2019				
5	Ozone (O ₃)		9.6	μg/m³	≤ 180		Method 411, Air Sampling and Analysis, 3rd Edition, 2020				
6	Ammonia (NH ₃)		6.2	μg/m³	≤ 400		Method 401, Air Sampling and Analysis 3rd Edition, 2020				
7	Lead (Pb)		0.024	μg/m³	≤ 01		Air Sampling and Analysis, 3rd				
8	Arsenic (As)		BDL	ng/m³	≤ 06		Edition, 2020				
9	Nickel (Ni)		BDL	ng/m³	≤ 20						
10	Carbon Monoxide (C	0)	0.31	mg/m ³	≤ 04		GC FID Methanizer Method				
11	Benzo(a)Pyrene (BaF)	BDL	ng/m³	≤ 1.0		IS 5182 Part 12				
	Benzene(C ₆ H ₆)		BDL	μg/m³	≤ 05		IS 5182 Part 11				

Reviewed By

Remark- All above results are within National Ambient Air Quality standards.

(Ms. Kalyani Gore) (Technical Manager) **Authorized Signatory**

(Mr. Abhishek Tope) (Quality Manager)

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And Environmental Services Pvt. Ltd.

Certifications: ISO 9001: 2015 ISO 14001: 2015

ISO 45001: 2018

			TEST REP	ORT (An	nbient Air)				
Repo	ort No.	NLES/2	3-24/06/AA/RE/	653 R	eport Issue Da	te :	15/06/2023			
Nam	e and Address of	M/s.M	etarolls Ispat P	vt.Ltd.						
Customer		Gut No.	Gut No.48, Adjecent to MIDC Phase-II, Daregaon, Jalna.							
Discipline		Chemic	al	Date & Ti Sampling			n 10:20 AM of 08/06/2023 to PM of 08/06/2023 (8 hrs)			
Grou	ір	Atmosp	heric Pollution	Sampling	Procedure	IS 51	182 Part 5			
Sub	Group	Ambien	nt Air	Sampling	done by	S100000	al Laboratories and Environmenta ices Private Limited			
Sam	pling Location	Rolling	Mill Shed	Dry bulb	temperature	29°C				
Wet	bulb temperature	24°C		Relative I	Humidity	77%				
Sample Volume		1 2	O ₂ :30 ml ×1 no. (Plastic Bottle), NO ₂ :30 ml×1 no. (Plastic Bottle) PM ₁₀ :1×1no. (Filter Paper), PM _{2.5} :1×1no. (Filter Paper)							
Star	Date of Analysis	09/06/2023		End Date	of Analysis	15/0	06/2023			
				Results						
Sr. No.	Parameters		Results	Unit(s)	Specification (NAAQ Stand		Methods			
1	Sulphur Dioxide (SO	.)	15.8	μg/m³	≤ 80		IS 5182 (Part 2)			
2	Oxides of Nitrogen (NO ₂)	21.5	μg/m³	≤ 80		IS 5182 (Part 6)			
3	Particulate Matter P	M ₁₀	55.3	μg/m ³	≤ 100		IS 5182 (Part 4), 1999			
4	Particulate Matter P	M _{2.5}	42.6	μg/m³	≤ 60		IS 5182 (Part 24), 2019			
5	Ozone (O ₃)		9.9	μg/m³	≤ 180		Method 411, Air Sampling and Analysis, 3rd Edition, 2020			
6	Ammonia (NH ₃)		4.5	μg/m³	≤ 400		Method 401, Air Sampling and Analysis 3rd Edition, 2020			
7	Lead (Pb)		BDL	μg/m³	≤01		Air Sampling and Analysis, 3rd			
8			BDL	ng/m³	≤ 06		Edition, 2020			
9	Nickel (Ni)		BDL	ng/m³	≤ 20					
10	Carbon Monoxide (C	0)	0.34	mg/m ³	≤ 04		GC FID Methanizer Method			
	Benzo(a)Pyrene (BaP)		BDL	ng/m ³	≤ 1.0		IS 5182 Part 12			
11	Benzene(C ₆ H ₆)									

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Reviewed By

(Ms. Kalyani Gore)

(Technical Manager)

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Authorized Signatory

(Mr. Abhishek Tope)

(Quality Manager)



And Environmental Services Pvt. Ltd.

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

	TEST REPO	RT					
Report No.	NLES/23-24/06/NI/RE/654	Report Issue Date	15/06/2023				
Name and Address of	M/s.Metarolls Ispat Pvt.Ltd	l.					
Customer	Gut No.48, Adjecent to MIDC	Phase-II, Daregaon, Jalna.					
Discipline	Chemical						
Group	Atmospheric Pollution						
Sub Group	Ambient Air						
Sample Name	Ambient Noise						
Date of Sampling	08/06/2023						
Method of Sampling	IS 9989: 1981						
Sampling Duration	24 hrs. Day & Night						
Sampling done by	Neetal Laboratories and Environr	nental Services Private Limite	d				

Results

Sr. No.	Location	Average Nois	Limits as per CPCB		
SI. NO.	Location	Day Time	Night Time	guidelines	
1	Main Gate	68.9 59		Day Time = 75 dB	
2	Admin Office	62.3	52.4	Night Time =70 dB	

Remark- All above Noise level results are within Central Pollution Control Board Standards limit.

Reviewed By

(Ms. Kalyani Gore) (Technical Manager)



Authorized Signatory

(Mr. Abhishek Tope) (Quality Manager)

************End of Report**********

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NEETAL LABORATORIES And Environmental Services Pvt. Ltd.

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

			TEST RE	PORT	(Stack	Emissio	n)		
Repo	rt No.	NLES/23	-24/06/ST/RE/	655	Report Is	sue Date	15/06	/2023	
Name	e and Address of	M/s.Me	tarolls Ispat I	Pvt.Ltd	•				
Custo	omer	Gut No.4	18, Adjecent to	MIDC P	hase-II,Dai	regaon, Jaln	a.		
Disci	pline	Chemical					Stack Ma	aterial: MS	
Group		Pollution	& Environment.		Sample Des	cription	Stack He	ight: 35 Mtr	
Sub Group		Stack Em	ission				Stack Ty	pe: Round	
Date	of Sampling	08/06/20	23		Sampling Lo	cation	Inductio	n Furnace Stack	
Sampling done by			boratories and nental Services mited		Sampling duration		30 Min		
Samp	ole Quantity	Thimble : Solution	1 Nos and 30 ml		Sampling Procedure		1	ideline on methodologies for mission monitoring	
Start	Date of Analysis	09/06/2	2023		End Date o	f Analysis	15/06/2	2023	
	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			R	esults				
Sr. No.	Paramete	rs	Results	U	nit(s)	Specific (MPCB C		Methods	
1	Flue Gas Tempera	ature	53		°C				
2	Differential Press	ure	3.7	mı	m WG			1==	
3	Velocity		7.27		M/s				
4	Total Particulate I	Matter	49.6 m		g/Nm3	≤ 10	00	IS 11255 (Part 1)	
5	Sulphur Dioxide (SO ₂)	25.4	mg	g/Nm3	N.5	S.	IS 11255 (Part 2)	
6	Oxides of Nitroge	n (Nox)	23.8	mg	g/Nm3	N.S	5.	IS 11255 (Part 7)	
	Remark- A	All above r	esults are well	within N	MPCB Limit	. N.S-Not Sp	ecified,		

Reviewed By

(Ms. Kalyani Gore) (Technical Manager)



Authorized Signatory

(Mr. Abhishek Tope) (Quality Manager)

**************End of Report**********

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And Environmental Services Pvt. Ltd.

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

			TEST R	EPORT						
Report	No:	NLES/23-24/06/V	VZ/RE/657	Report Issue Date	15/06/20	23				
Name and Address of Customer		M/s.Metarolls Is Gut No.48, Adjece		se-II,Daregaon,Jalna.						
Sample Name		Workzone Noise		Date of Sampling	08/06/202	23				
Samplin	ng done by	Neetal Laboratories	Neetal Laboratories and Environmental Services Private Limited							
			Resu	ults						
Sr. No.	Lo	ocations	dB(A)	Specifications (The Act 1948, stand		Method				
1.	Funace Shed		82.6							
2.	Casting Area		75.7	≤90	≤90					
3.	Raw Material	Handling Unit	76.9							

Reviewed By

(Ms. Kalyani Gore) (Technical Manager)



Authorized Signatory

(Mr. Abhishek Tope) (Quality Manager)

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And Environmental Services Pvt. Ltd.

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

			TES	T REPORT		
Rep	ort No.	NLES/23-24/	06/W/RE/658	Report Issue Dat	e	15/06/2023
Nam	ne and Address of	M/s.Metar	olls Ispat Pvt.L	td.		
Cust	omer		10.77	C Phase-II, Daregaor	n,Jalna.	
Disc	ipline	Chemical		Date of Sample C		08/06/2023
Grou	nb	Water		Sample Quantity		02 lit Plastic Can
Sub	Group	Surface Wate	er	Sampling Proced	ure	APHA 1060
Sam	ple Description	Moti Pond		Sample Status		Sealed
Sam	pling done by	Neetal Labora	tories and	Environmental C	ondition for	Temperature: 25 °C ±5 °C &
,		The State of the s	Environmental Services Private Limited		nd Analysis	Humidity: 30 % to 80 % RH
Star	Start Date of Analysis 09/06/2023			End Date of Anal	ysis	15/06/2023
				Results	-	
Sr. No.	Parameters		Unit(s)	Results	Methods	
PHY	SICAL PARAMETERS	i		1		
1	Odour		-	Agreeable	IS 3025 Pa	irt-5
2	pH at 25°C		-	7.63	APHA 4500) H+ A, 23 rd Ed. 2017
3	Turbidity		NTU	0.59	IS 3025 Pa	rt-10
4	Total Dissolved So	lids	mg/l	864	APHA 254	0 C, 23 rd Ed. 2017
5	Ammonical Nitrog	gen as N	mg/l	0.32	APHA 4500	NH3, 23 rd Ed. 2017.
6	Calcium (as Ca)		mg/l	37.5	APHA 3500	Ca B, 23 rd Ed. 2017
7	Chloride (as Cl)		mg/l	94.3		Cl - B 23 rd Ed. 2017
8	Fluoride (as F)		mg/l	0.68	APHA 4500) F ⁻ - D 23 rd Ed. 2017
9	Residual Chlorine	as Cl	mg/l	<0.1		rt 26 (Rev.1, RA 2014)
10	Magnesium (as M	g)	mg/l	26.9) Mg A, 23 rd Ed. 2017
11	Nitrate (as NO ₃)		mg/l	5.13	The second secon	NO3- B 23 rd Ed. 2017
12	Sulphate (as SO ₄)		mg/l	57.5	ACCURATION TO A STATE OF THE ST) SO4 E, 23 rd Ed. 2017
13	Total Alkalinity (as		mg/l	274.5	1) B, 23 rd Ed. 2017
14	Total Hardness (as	s CaCO ₃)	mg/l	363.9	APHA 2340) B, 23 rd Ed. 2017
15	Iron (as Fe)		mg/l	0.45	IS 3025 (Pa	art-02)
16	Colour		Hazen	1.0	IS 3025 (Pa	art-4)

Reviewed By

(Ms. Kalyani Gore) (Technical Manager)



Authorized Signatory

(Mr. Abhishek Tope) (Quality Manager)

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And Environmental Services Pvt. Ltd.

Certifications: ISO 9001: 2015 ISO 14001: 2015

ISO 45001: 2018

			TES	T REPORT		
Repo	ort No.	NLES/23-24	/06/W/RE/659	Report Issue Dat	е	15/06/2023
Nam	e and Address of		olls Ispat Pvt.			
Cust	omer			C Phase-II, Daregaon	n,Jalna.	
Disci	Discipline Chemical			Date of Sample C		08/06/2023
Grou	ip	Water		Sample Quantity	A CONTRACTOR OF THE PARTY OF TH	02 lit Plastic Can
Sub	Group	Ground Wat	ter	Sampling Proced		APHA 1060
Sam	ple Description	Daregaon Vi	illage	Sample Status	Carlo	Sealed
Sam	pling done by	Neetal Labora	atories and	Environmental C	ondition for	Temperature: 25 °C ±5 °C 8
			Environmental Services Private Limited		and Analysis	Humidity: 30 % to 80 % RH
Start	Start Date of Analysis 09/06/2023		-	End Date of Anal	ysis	15/06/2023
				Results		
Sr.	Parameters		Unit(s)	Results	Methods	
No.				0		
PHYS	SICAL PARAMETERS			-	•	8
1	Odour		E E	Agreeable	IS 3025 Pa	rt-5
2	pH at 25°C		-	6.87	APHA 4500) H+ A, 23 rd Ed. 2017
3	Turbidity		NTU	0.53	IS 3025 Pa	
4	Total Dissolved So	lids	mg/l	497		0 C, 23 rd Ed. 2017
5	Ammonical Nitrog	gen as N	mg/l	0.27	- Proceedings of the second) NH3, 23 rd Ed. 2017.
6	Calcium (as Ca)		mg/l	30.5		Ca B, 23 rd Ed. 2017
7	Chloride (as Cl)		mg/l	71.2	The state of the s	Cl ⁻ - B 23 rd Ed. 2017
8	Fluoride (as F)		mg/l	0.43	APHA 4500) F ⁻ - D 23 rd Ed. 2017
9	Residual Chlorine	as Cl	mg/l	<0.1		rt 26 (Rev.1, RA 2014)
10	Magnesium (as M	g)	mg/l	12.4	12 CV - CV - 12 C - CV -	Mg A, 23 rd Ed. 2017
11	Nitrate (as NO ₃)		mg/I	2.69		NO3- B 23 rd Ed. 2017
12	Sulphate (as SO ₄)		mg/l	47.8	The state of the s) SO4 E, 23 rd Ed. 2017
13	Total Alkalinity (as CaCO ₃)		mg/l	179.7) B, 23 rd Ed. 2017
14 Total Hardness (as CaCO ₃)		CaCO ₃)	mg/l	255.3	APHA 2340) B, 23 rd Ed. 2017
			mg/l	0.26	IS 3025 (Pa	art-02)
15	Iron (as Fe)		1118/1	0.20		11. 02)

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(Ms. Kalyani Gore)

(Technical Manager)

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bhishek Tope)

(Quality Manager)



And Environmental Services Pvt. Ltd.

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

Repo	ort No.	NLES/2	3-24/07/AA/RE/		mbient Ai	-	2/07/2023			
	e and Address of		M/s.Metarolls Ispat Pvt.Ltd.							
Cust	omer	Gut No.48, Adjecent to MIDC Phase-II, Daregaon, Jalna.								
Disc	ipline	Chemic	al	Date & T			10:00 AM of 15/07/2023 to 6:0 f 15/07/2023 (8 hrs)			
Grou	ıp	Atmos	heric Pollution	Sampling	Procedure	IS 518	32 Part 5			
Sub	Group	Ambier	nt Air	Sampling	done by	A STATE OF THE PARTY OF THE PAR	Laboratories and Environmental es Private Limited			
Sam	pling Location	Near M	ain Gate	Dry bulb	temperature	26°C				
Wet	bulb temperature	21°C		Relative	Humidity	84 %				
Samp	ole Volume		nl ×1 no. (Plastic B 1no. (Filter Paper)				le)			
Start Date of Analysis 17		17/07/	2023	End Date of Analysis 22/0		22/07	7/2023			
				Result	S					
Sr. No.	Parameters		Results	Unit(s)	Specifica (NAAQ Star		Methods			
1	Sulphur Dioxide (SO ₂	.)	14.2	μg/m ³	≤ 80		IS 5182 (Part 2)			
2	Oxides of Nitrogen (NO ₂)	19.5	μg/m ³	≤ 80		IS 5182 (Part 6)			
3	Particulate Matter P	M ₁₀	55.6	μg/m³	≤ 100)	IS 5182 (Part 4), 1999			
4	Particulate Matter P	M _{2.5}	27.8	μg/m ³	≤ 60		IS 5182 (Part 24), 2019			
5	Ozone (O ₃)		9.5	μg/m³	≤ 180)	Method 411, Air Sampling and Analysis, 3rd Edition, 2020			
6	Ammonia (NH ₃)		5.1	μg/m³	≤ 400)	Method 401, Air Sampling and Analysis 3rd Edition, 2020			
7	Lead (Pb)	-	BDL	μg/m³	≤ 01		Air Sampling and Analysis, 3rd			
8	Arsenic (As)		BDL	ng/m³	≤ 06		Edition, 2020			
9	Nickel (Ni)		BDL	ng/m³	≤ 20		×			
10	Carbon Monoxide (C	CORE.	0.23	mg/m³	≤ 04		GC FID Methanizer Method			
11	Benzo(a)Pyrene (BaP)	BDL	ng/m³	≤ 1.0		IS 5182 Part 12			
12	Benzene(C ₆ H ₆)		BDL	μg/m³	≤ 05		IS 5182 Part 11			

Reviewed By

(Ms. Kalyani Gore) (Technical Manager)



Authorized Signatory

(Mr. Abhishek Tope) (Quality Manager)

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And Environmental Services Pvt. Ltd.

Certifications: ISO 9001: 2015 ISO 14001: 2015

ISO 45001: 2018

Repo	ort No.	NLES	/23-24/07/AA/RE/	422 R	eport Issue Da	te 2	22/07/2023		
Nam	e and Address of	M/s.	Metarolls Ispat P	vt.Ltd.					
Cust	omer	200000000000000000000000000000000000000	lo.48, Adjecent to		e-II,Daregaon,J	alna.			
Discipline		Chem	iical	Date & Ti	The state of the s		n 10:10 AM of 15/07/2023 to PM of 15/07/2023 (8 hrs)		
Grou	ıp	Atmo	spheric Pollution	Sampling	Procedure	IS 51	182 Part 5		
Sub	Group		ent Air		done by		al Laboratories and Environmenta ices Private Limited		
Sam	pling Location	Furna	ace Shed	Dry bulb	temperature	26 °	С		
Wet	bulb temperature	22°C		Relative		83 %	6		
Samp	ole Volume	Programme and	CO ₂ :30 ml ×1 no. (Plastic Bottle), NO ₂ :30 ml×1 no. (Plastic Bottle) PM ₁₀ :1×1no. (Filter Paper), PM _{2.5} :1×1no. (Filter Paper)						
		17/07	//2023	End Date	of Analysis	22/0	07/2023		
			The state of	Results					
Sr. No.	Parameters		Results	Unit(s)	Specification (NAAQ Stand		Methods		
1	Sulphur Dioxide (SO ₂)		15.3	μg/m³	≤ 80		IS 5182 (Part 2)		
2	Oxides of Nitrogen (N	IO ₂)	18.4	μg/m³	≤ 80		IS 5182 (Part 6)		
3	Particulate Matter PN	N ₁₀	46.9	μg/m³	≤ 100		IS 5182 (Part 4), 1999		
4	Particulate Matter PN	Λ _{2.5}	23.7	μg/m³	≤ 60		IS 5182 (Part 24), 2019		
5	Ozone (O ₃)		9.4	μg/m³	≤ 180		Method 411, Air Sampling and Analysis, 3rd Edition, 2020		
6	Ammonia (NH ₃)		4.2	μg/m³	≤ 400		Method 401, Air Sampling and Analysis 3rd Edition, 2020		
7	Lead (Pb)		BDL	μg/m³	≤ 01		Air Sampling and Analysis, 3rd		
8	Arsenic (As)		BDL	ng/m³	≤ 06		Edition, 2020		
9	Nickel (Ni)		BDL	ng/m ³	≤ 20				
10	Carbon Monoxide (CO)		0.26	mg/m ³	≤ 04		GC FID Methanizer Method		
11	Benzo(a)Pyrene (BaP)	16	BDL	ng/m³	≤ 1.0		IS 5182 Part 12		
12	Benzene(C ₆ H ₆)		BDL	μg/m³	≤ 05		IS 5182 Part 11		

Reviewed By

(Ms. Kalyani Gore) (Technical Manager)



Authorized Signatory

(Mr. Abhishek Tope) (Quality Manager)

****************End of Report****

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And Environmental Services Pvt. Ltd.

Certifications : ISO 9001 : 2015 ISO 14001 : 2015

ISO 45001: 2018

			TEST RE	PORT (An	nbient Air)	
Repo	ort No.	NLES/	23-24/07/AA/	RE/423 R	eport Issue Da	ate	22/07/2023
Nam	e and Address of	M/s.I	Metarolls Ispa	at Pvt.Ltd.			
Cust	omer	Gut N	o.48, Adjecent	to MIDC Phas	e-II,Daregaon,	Jalna.	
Discipline		Chem	ical	Date & Tin Sampling	ne of		n 10:20 AM of 15/07/2023 to PM of 15/07/2023 (8 hrs)
Grou	ıp	Atmos Pollut	spheric ion	Sampling F	Procedure	IS 5:	182 Part 5
Sub Group		Ambie	ent Air	Sampling of	done by	and Controlled	al Laboratories and Environmenta ices Private Limited
Sam	pling Location		g Mill Shed	Dry bulb to	emperature	26°0	
Wet	bulb temperature	21°C		Relative H	umidity	83 %	6
Samp	ole Volume	77.		tic Bottle), NO ₂ :: per), PM _{2.5} :1×1r			ttle)
Start	Date of Analysis	17/07	/2023	End Date of	of Analysis	22/0	07/2023
				Results			
Sr. No.	Parameters		Results	Unit(s)	Specification (NAAQ Stand		Methods
1	Sulphur Dioxide (SO ₂)		16.4	μg/m³	≤ 80		IS 5182 (Part 2)
2	Oxides of Nitrogen (N	O ₂)	19.8	μg/m³	≤ 80		IS 5182 (Part 6)
3	Particulate Matter PN	110	46.7	μg/m³	≤ 100		IS 5182 (Part 4), 1999
4	Particulate Matter PN	12.5	25.3	μg/m³	≤ 60		IS 5182 (Part 24), 2019
5	Ozone (O ₃)		9.4	μg/m³	≤ 180		Method 411, Air Sampling and Analysis, 3rd Edition, 2020
6	Ammonia (NH ₃)		4.1	μg/m³	≤ 400		Method 401, Air Sampling and Analysis 3rd Edition, 2020
7	Lead (Pb)		BDL	μg/m³	≤ 01		Air Sampling and Analysis, 3rd
8			BDL	ng/m³	≤ 06		Edition, 2020
9	Nickel (Ni)	Ni) BDL		ng/m³	≤ 20		
10	Carbon Monoxide (CC	1.50	0.33	mg/m ³	≤ 04		GC FID Methanizer Method
11	Benzo(a)Pyrene (BaP)		BDL	ng/m³	≤ 1.0		IS 5182 Part 12
12	Benzene(C ₆ H ₆)		BDL	μg/m³	≤ 05		IS 5182 Part 11

Terms and Conditions

This Report is valid for tested sample only

Reviewed By

(Ms. Katyani Gore)

(Technical Manager)

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Authorized Signatory

(Quality Manager)

bhishek Tope)



IEETAL LABORATORIES And Environmental Services Pvt. Ltd.

Certifications: ISO 9001: 2015 ISO 14001: 2015

ISO 45001: 2018

	TEST REPORT		
Report No.	NLES/23-24/07/NI/RE/424	Report Issue Date	22/07/2023
Name and Address of Customer	M/s.Metarolls Ispat Pvt.Ltd. Gut No.48, Adjecent to MIDC Pha	se-II,Daregaon,Jalna.	
Discipline	Chemical		
Group	Atmospheric Pollution		
Sub Group	Ambient Air		
Sample Name	Ambient Noise		
Date of Sampling	15/07/2023		
Method of Sampling	IS 9989: 1981		
Sampling Duration	24 hrs. Day & Night		
Sampling done by	Neetal Laboratories and Environmen	ntal Services Private Limite	d

Results

Sr. No.	Location	Average Noise Level Reading dB(A)			
31. NO.	Location	Day Time	Night Time	guidelines	
1	Main Gate	67.3	53.7	Day Time = 75 dB	
2	Admin Office	62.6	44.3	Night Time =70 dB	

Remark- All above Noise level results are within Central Pollution Control Board Standards limit.

Reviewed By

(Technical Manager)



Authorized Signatory

bhishek Tope) (Quality Manager)

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NEETAL LABORATORIES And Environmental Services Pvt. Ltd.

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

			TEST RE	PORT	(Stack	Emissio	n)	
Repo	rt No.	NLES/23	-24/07/ST/RE/	425	Report Iss	sue Date	22/07	/2023
Name	e and Address of	M/s.Me	tarolls Ispat I	Pvt.Ltd	•			
Custo	omer	Gut No.4	18, Adjecent to	MIDC P	hase-II,Dar	egaon,Jalna	a.	
Discip	pline	Chemical					Stack Ma	iterial: MS
Grou	р	Pollution	& Environment.		Sample Desc	ription	Stack He	ight: 35 Mtr
Sub C	Group	Stack Em	ission				Stack Typ	oe: Round
Date	of Sampling	15/07/20	23		Sampling Loc	cation	Induction	n Furnace Stack
Samp	oling done by		boratories and nental Services mited		Sampling du	ration	30 Min	
Samp	ole Quantity	Thimble : Solution	1 Nos and 30 ml		Sampling Pro	ocedure		ideline on methodologies for mission monitoring
Start	Date of Analysis	17/07/2	023		End Date of	f Analysis	22/07/2	.023
				R	Results			
Sr. No.	Paramete	rs	Results	U	Init(s)	Specific (MPCB C		Methods
1	Flue Gas Tempera	ature	48		°C			
2	Differential Press	ure	3.0	m	m WG			
3	Velocity		7.12		M/s			
4	Total Particulate I	Matter	44.6	mį	g/Nm3	≤ 10	00	IS 11255 (Part 1)
5	Sulphur Dioxide (SO ₂)	21.2	mį	g/Nm3	N.5	S.	IS 11255 (Part 2)
6	Oxides of Nitroge	n (Nox)	24.5	mį	g/Nm3	N.5	S	IS 11255 (Part 7)
	Remark- A	All above r	esults are well	within I	MPCB Limit	N.S-Not Sp	pecified,	

Reviewed By

(Ms. Kalyani Gore) (Technical Manager)



Authorized Signatory

(Mr. Abhishek Tope) (Quality Manager)

******End of Report***

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

Reviewed By

Authorized Signatory

			TEST R	EPORT		
Report I	No:	NLES/23-24/07/W	/Z/RE/427	Report Issue Date	22/07/20	23
Name a	nd Address of er	M/s.Metarolls Is Gut No.48, Adjece	•	se-II,Daregaon,Jalna.		
Sample	Name	Workzone Noise		Date of Sampling	15/07/202	23
Samplin	g done by	Neetal Laboratories	and Environmen	tal Services Private Limited	10:	
		11年	Res	ults		and a garden
Sr. No.	Lo	cations	dB(A)	Specifications (The Act 1948, stand		Method
1.	Funace Shed		80.5			
2.	Casting Area		76.9	≤90	1	CPCB Guideline
3.	Raw Material H	landling Unit	68.7			

(Ms. Kalyani Gore) (Technical Manager)



(Mr. Abhishek Tope) (Quality Manager)

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And Environmental Services Pvt. Ltd.

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

			TES	T REPORT		
Repo	ort No.	NLES/23-24	/07/W/RE/428	Report Issue Date	е	22/07/2023
Nam	e and Address of	M/s.Metar	olls Ispat Pvt.L	td.)
Cust	omer	Gut No.48, A	Adjecent to MID	C Phase-II, Daregaor	,Jalna.	
Disc	ipline	Chemical		Date of Sample C	ollection	15/07/2023
Grou	ıb dr	Water		Sample Quantity		02 lit Plastic Can
Sub	Group	Surface Wat	er	Sampling Proced	ure	APHA 1060
Sam	ple Description	Moti Pond		Sample Status		Sealed
Sam	pling done by	Neetal Labora Environmenta Private Limite	al Services	Environmental Co sample storage a		Temperature: 25 °C ±5 °C & Humidity: 30 % to 80 % RH
Star	t Date of Analysis	17/07/2023		End Date of Anal	ysis	22/07/2023
				Results		
Sr. No.	Parameters		Unit(s)	Results	Methods	
PHY	SICAL PARAMETERS					
1	Odour		-	Agreeable	IS 3025 Pa	art-5
2	pH at 25°C		18.0	7.59	APHA 4500	O H+ A, 23 rd Ed. 2017
3	Turbidity		NTU	0.63	IS 3025 Pa	
4	Total Dissolved Sc	olids	mg/l	845	Contractor to the contractor of the contractor o	0 C, 23 rd Ed. 2017
5	Ammonical Nitrog	gen as N	mg/l	0.34		0 NH3, 23 rd Ed. 2017.
6	Calcium (as Ca)		mg/l	40.5		O Ca B, 23 rd Ed. 2017
7	Chloride (as CI)		mg/l	87.6		O Cl ⁻ - B 23 rd Ed. 2017
8	Fluoride (as F)		mg/l	0.58	APHA 4500	O F ⁻ - D 23 rd Ed. 2017
9	Residual Chlorine	as Cl	mg/l	<0.1		rt 26 (Rev.1, RA 2014)
10	Magnesium (as M	g)	mg/l	24.3		O Mg A, 23 rd Ed. 2017
11	Nitrate (as NO ₃)		mg/l	5.05		0 NO3- B 23 rd Ed. 2017
12	Sulphate (as SO ₄)		mg/l	49.5		O SO4 E, 23 rd Ed. 2017
13	Total Alkalinity (as		mg/l	232.6	A PARTY NEWSCOTT WINE PORCH IN	O B, 23 rd Ed. 2017
14	Total Hardness (as	s CaCO ₃)	mg/l	342.8	APHA 2340	O B, 23 rd Ed. 2017
15	Iron (as Fe)		mg/l	0.53	IS 3025 (Pa	
16	Colour		Hazen	1.0	IS 3025 (Pa	art-4)

Reviewed By

(Ms. Kalyani Gore) (Technical Manager)



Authorized Signatory

(Mr. Abhishek Tope) (Quality Manager)

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And Environmental Services Pvt. Ltd.

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

			TES	T REPORT		
Rep	ort No.	NLES/23-24	/07/W/RE/429	Report Issue Date	е	22/07/2023
	ne and Address of	M/s.Metar	olls Ispat Pvt.	Ltd.		
Cust	omer	1.00	•	C Phase-II, Daregaor	n,Jalna.	
Disc	ipline	Chemical		Date of Sample C		15/07/2023
Grou	up	Water		Sample Quantity		02 lit Plastic Can
Sub	Group	Ground Wat	er	Sampling Proced	ure	APHA 1060
Sam	ple Description	Daregaon Vi	llage .	Sample Status		Sealed
Sam	pling done by	Neetal Labora		Environmental C	ondition for	Temperature: 25 °C ±5 °C &
		Environmenta Private Limite		sample storage a	nd Analysis	Humidity: 30 % to 80 % RH
Star	t Date of Analysis	17/07/2023		End Date of Anal	ysis	22/07/2023
		•		Results	-10	
Sr. No.	Parameters		Unit(s)	Results	Methods	
PHY	SICAL PARAMETERS					
1	Odour		-	Agreeable	IS 3025 Pa	art-5
2	pH at 25°C		(=)	6.92	APHA 4500	0 H+ A, 23 rd Ed. 2017
3	Turbidity		NTU	0.41	IS 3025 Pa	
4	Total Dissolved Sc	lids	mg/l	549		0 C, 23 rd Ed. 2017
5	Ammonical Nitrog	gen as N	mg/l	0.38	APHA 4500	O NH3, 23 rd Ed. 2017.
6	Calcium (as Ca)		mg/l	35.6		O Ca B, 23 rd Ed. 2017
7	Chloride (as Cl)		mg/l	79.8	1220 HOLDING THE PROPERTY OF	O CI - B 23 rd Ed. 2017
8	Fluoride (as F)		mg/l	0.36		D F ⁻ - D 23 rd Ed. 2017
9	Residual Chlorine	as Cl	mg/l	<0.1		rt 26 (Rev.1, RA 2014)
10	Magnesium (as M	g)	mg/l	21.3		O Mg A, 23 rd Ed. 2017
11	Nitrate (as NO ₃)		mg/l	3.56	A STATE OF THE PARTY OF THE PAR	0 NO3- B 23 rd Ed. 2017
12	Sulphate (as SO ₄)		mg/l	51.4		0 SO4 E, 23 rd Ed. 2017
13	Total Alkalinity (as		mg/l	168.5		O B, 23 rd Ed. 2017
14	Total Hardness (as	s CaCO ₃)	mg/l	247.9	APHA 2340	O B, 23 rd Ed. 2017
15	Iron (as Fe)		mg/l	0.34	IS 3025 (Pa	
16	Colour		Hazen	1.0	IS 3025 (Pa	art-4)

Reviewed By

(Ms. Katxani Gore) (Technical Manager)



Authorized Signatory

(Mr. Abhishek Tope) (Quality Manager)

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And Environmental Services Pvt. Ltd.

Certifications: ISO 9001: 2015 ISO 14001: 2015

ISO 45001: 2018

			TEST REP	ORT (An	nbient Ai	r)		
Repo	rt No.	NLES/2	3-24/08/AA/RE/	105 Rep	ort Issue Date	e	21/08/2023	
Nam	e and Address of	M/s.M	etarolls Ispat P	vt.Ltd.				
Custo	omer	Gut No.	48, Adjecent to	MIDC Phase-	-II,Daregaon,.	lalna.		
Disci	pline	Chemic	al	Date & Tin Sampling	ne of		10:10 AM of 14/08/2023 to 6:10 f 14/08/2023 (8 hrs)	
Grou	р	Atmosp	heric Pollution	Sampling F	Procedure	IS 518	82 Part 5	
Sub (Group	Ambien	t Air	Air Sampling done by			l Laboratories and Environmental es Private Limited	
Samı	oling Location	Near M	ain Gate	Dry bulb to	emperature	26°C		
Wet	bulb temperature	22 °C		Relative H	Relative Humidity			
Samp	le Volume		nl ×1 no. (Plastic B 1no. (Filter Paper)	1950	170		le)	
Start	Date of Analysis	16/08/2	The second secon	End Date of	THE PARTY NAMED IN COLUMN TWO		3/2023	
				Results				
Sr. No.	Parameters		Results	Unit(s)	Specifica (NAAQ Star		Methods	
1	Sulphur Dioxide (SO ₂)	15.4	μg/m³	≤ 80		IS 5182 (Part 2)	
2	Oxides of Nitrogen (I	NO ₂)	19.3	μg/m³	≤ 80		IS 5182 (Part 6)	
3	Particulate Matter P	M ₁₀	45.6	μg/m³	≤ 100)	IS 5182 (Part 4), 1999	
4	Particulate Matter P	M _{2.5}	23.3	μg/m³	≤ 60		IS 5182 (Part 24), 2019	
5	Ozone (O ₃)		9.4	μg/m³	≤ 180)	Method 411, Air Sampling and Analysis, 3rd Edition, 2020	
6	Ammonia (NH ₃)		4.8	μg/m³	≤ 400)	Method 401, Air Sampling and Analysis 3rd Edition, 2020	
7	Lead (Pb)		BDL	μg/m³	≤ 01	à la	Air Sampling and Analysis, 3rd	
8	Arsenic (As)		BDL	ng/m³	≤ 06		Edition, 2020	
9	Nickel (Ni)		BDL	ng/m³	≤ 20			
10	Carbon Monoxide (C	0)	0.24	mg/m ³	≤ 04	Vi .	GC FID Methanizer Method	

Reviewed By

(Ms. Kalyani Gore) (Technical Manager) BDL

BDL

Remark- All above results are within National Ambient Air Quality standards.

Authorized Signatory

IS 5182 Part 12

IS 5182 Part 11

Abhishek Tope) (Quality Manager)

Terms and Conditions

Benzo(a)Pyrene (BaP)

Benzene(C₆H₆)

11

12

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Entlo Report*

ng/m³

µg/m³

& Environment

≤ 1.0

≤ 05

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And Environmental Services Pvt. Ltd.

Certifications: ISO 9001: 2015 ISO 14001: 2015

ISO 45001: 2018

tion perature Analysis	M/s.M Gut No. Chemic Atmosp Ambien Furnac 21°C SO ₂ :30 n PM ₁₀ :1× 16/08/2	oheric Pollution nt Air e Shed ml ×1 no. (Plastic Bo 1no. (Filter Paper), 2023 Results	Date & Samplin Samplin Samplin Dry bulk tempera Relative ottle), NO2:30 PM25:1×1no. End Dat Results Unit(s)	Fime of g g Procedure g done by ature Humidity ml×1 no. (Plasti	rona. From 6:20 IS 51 Neet Servi 26°C 82 % IC Bottl 21/0	, 1
tion perature Analysis	Gut No. Chemic Atmosp Ambien Furnac 21°C SO ₂ :30 n PM ₁₀ :1× 16/08/2	.48, Adjecent to Notal cal cheric Pollution cat Air ce Shed cal control (Plastic Botton), (Filter Paper), 2023 Results	Date & Samplin Samplin Samplin Dry bulk tempera Relative ottle), NO2:30 PM2.5:1×1no. End Dat Results	g Procedure g done by ature Humidity ml×1 no. (Plasti (Filter Paper) e of Analysis	From 6:20 IS 51 Neet Servi 26°C 82 % C Bottl 21/0	PM of 14/08/2023 (8 hrs) 182 Part 5 al Laboratories and Environmenta ces Private Limited 3 (8) (9) (8) (8) (9)
perature Analysis	Atmosp Ambien Furnac 21°C SO ₂ :30 n PM ₁₀ :1× 16/08/2	oheric Pollution nt Air e Shed ml ×1 no. (Plastic Bo 1no. (Filter Paper), 2023 Results	Samplin Samplin Samplin Dry bulk tempera Relative ottle), NO2:30 PM2.5:1×1no. End Dat Results Unit(s)	g Procedure g done by ature Humidity ml×1 no. (Plasti (Filter Paper) e of Analysis	6:20 IS 51 Neet: Servi 26°C 82 % C Bottl 21/0	PM of 14/08/2023 (8 hrs) 182 Part 5 al Laboratories and Environmenta ces Private Limited 3 (8) (9) (8) (8) (9)
perature Analysis	Ambien Furnac 21°C SO ₂ :30 n PM ₁₀ :1× 16/08/2	nt Air e Shed ml ×1 no. (Plastic Bo 1no. (Filter Paper), 2023 Results	Samplin Dry bulk tempera Relative ottle), NO ₂ :30 PM _{2.5} :1×1no. End Dat Results Unit(s)	g done by ature Humidity ml×1 no. (Plasti (Filter Paper) e of Analysis	Neets Servi 26°C 82 % C Bottl 21/0	al Laboratories and Environmenta ces Private Limited
perature Analysis	Furnac 21°C SO ₂ :30 n PM ₁₀ :1× 16/08/2	nl ×1 no. (Plastic Bo 1no. (Filter Paper), 2023 Results	Dry bulk tempera Relative ottle), NO ₂ :30 PM _{2.5} :1×1no. End Dat Results	ature Humidity ml×1 no. (Plasti (Filter Paper) e of Analysis Specificatio	26°C 82 % ic Bottl 21/0	ces Private Limited 6 8 8 8 8 8 8 8 8 8 8 8 8
perature Analysis	21°C SO ₂ :30 m PM ₁₀ :1× 16/08/2	nl ×1 no. (Plastic Bo 1no. (Filter Paper), 2023 Results	tempera Relative ottle), NO ₂ :30 PM _{2.5} :1×1no. End Dat Results Unit(s)	Humidity ml×1 no. (Plasti (Filter Paper) e of Analysis Specification	82 % ic Bottl 21/0	6 le) 08/2023
Analysis	SO ₂ :30 m PM ₁₀ :1× 16/08/2	1no. (Filter Paper), 2023 Results	ettle), NO ₂ :30 PM _{2.5} :1×1no. End Dat Results Unit(s)	ml×1 no. (Plasti (Filter Paper) e of Analysis	21/0	98/2023
Analysis	PM ₁₀ :1× 16/08/2	1no. (Filter Paper), 2023 Results	PM _{2.5} :1×1no. End Dat Results Unit(s)	(Filter Paper) e of Analysis Specification	21/0	08/2023
		Results	Results Unit(s)	Specification	ons	
Parameters		2500000100001010	Unit(s)			Methods
Parameters		2500000100001010				Methods
						IV
Dioxide (SO	2)	14.8	μg/m³	≤ 80		IS 5182 (Part 2)
f Nitrogen (NO ₂)	21.9	μg/m³	≤ 80		IS 5182 (Part 6)
te Matter F	M ₁₀	46.7	μg/m³	≤ 100		IS 5182 (Part 4), 1999
te Matter F	M _{2.5}	24.5	μg/m³	≤ 60		IS 5182 (Part 24), 2019
)3)		9.7	μg/m³	≤ 180		Method 411, Air Sampling and Analysis, 3rd Edition, 2020
a (NH ₃)		4.6	μg/m³	≤ 400		Method 401, Air Sampling and Analysis 3rd Edition, 2020
)		BDL	μg/m³	≤ 01		Air Sampling and Analysis, 3rd
As)		BDL	ng/m ³	≤ 06		Edition, 2020
i)		BDL	200	≤ 20		
Nonoxide ((0)	0.31	mg/m ³	≤ 04		GC FID Methanizer Method
Pyrene (Ba	P)	BDL	ng/m³	≤ 1.0		IS 5182 Part 12
		BDL	μg/m³	≤ 05		IS 5182 Part 11
) A	s)) onoxide ((onoxide (CO) Pyrene (BaP) C ₆ H ₆)	BDL as) BDL blue blue blue blue blue blue blue blue	BDL μg/m³ As) BDL ng/m³ DDL ng/m³ DDL ng/m³ DDL ng/m³ DONOXIDE (CO) 0.31 mg/m³ DYrene (BaP) BDL ng/m³ DDL μg/m³		BDL $\mu g/m^3$ ≤ 01 as) BDL ng/m^3 ≤ 06 bDL ng/m^3 ≤ 20 conoxide (CO) 0.31 mg/m^3 ≤ 04 cyrene (BaP) BDL ng/m^3 ≤ 1.0 C ₆ H ₆) BDL $\mu g/m^3$ ≤ 05

(Technical Manager)

Environmen

Authorized Signatory

(Quality Manager)

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Page 1 of 1



And Environmental Services Pvt. Ltd.

ISO 9001: 2015 ISO 14001: 2015

Certifications:

ISO 45001: 2018

		TES	T REPORT	(Ambient	Air)			
Report	No.	NLES/23-24/08	/AA/RE/107	Report Issue	Date	21/08/2023		
Name and Address of M/s.Metarolls Ispat Pvt.Ltd. Customer Gut No.48, Adjecent to MIDC Phase-II,Dareg					on,Jalna.			
Discipli		Chemical	Date & Samplin	Time of	From	From 10:30 AM of 14/08/2023 to 6:30 PM of 14/08/2023 (8 hrs)		
Group	Atmospheric Pollution		Samplin	Sampling Procedure		IS 5182 Part 5		
Sub Gr	oup	Ambient Air	Samplin	mpling done by		Neetal Laboratories and Environmental Services Private Limited		
Sampli	ng Location	Rolling Mill She	d Dry bull	Dry bulb temperature		26°C		
Wet bu	ulb temperature	22°C	Relative	Humidity	83 %	Ś.		
Sample Volume		SO ₂ :30 ml ×1 no. PM ₁₀ :1×1no. (Filt	- 13 The second second second		ottle)			
Start D	ate of Analysis	16/08/2023	End Dat	te of Analysis	21/0	21/08/2023		
			Res	ults				
Sr. Parameters		Resu	lts Unit	(s) Speci	fications	Methods		

Sr. No.	Parameters	Results	ults Unit(s) Specifications (NAAQ Standards)		Methods
1	Sulphur Dioxide (SO ₂)	17.2	μg/m³	≤ 80	IS 5182 (Part 2)
2	Oxides of Nitrogen (NO ₂)	19.8	μg/m³	≤ 80	IS 5182 (Part 6)
3	Particulate Matter PM ₁₀	45.6	μg/m³	≤ 100	IS 5182 (Part 4), 1999
4	Particulate Matter PM _{2.5}	27.4	μg/m³	≤ 60	IS 5182 (Part 24), 2019
5	Ozone (O ₃)	9.7	μg/m³	≤ 180	Method 411, Air Sampling and Analysis, 3rd Edition, 2020
6	Ammonia (NH₃)	4.2	μg/m³	≤ 400	Method 401, Air Sampling and Analysis 3rd Edition, 2020
7	Lead (Pb)	BDL	μg/m³	≤ 01	Air Sampling and Analysis, 3rd
8	Arsenic (As)	(As) BDL ng/m ³ ≤ 06		≤ 06	Edition, 2020
9	Nickel (Ni)			≤ 20	
10	Carbon Monoxide (CO)	0.26	mg/m³	≤ 04	GC FID Methanizer Method

ng/m3

μg/m³

Remark- All above results are within National Ambient Air Quality standards.

BDL

BDL

Reviewed By

Benzo(a)Pyrene (BaP)

Benzene(C₆H₆)

11

12

Valyan (Ms. Kalwani Gore) (Technical Manager)

Authorized Signatory Environmenta

≤ 1.0

≤ 05

phishek Tope) (Quality Manager)

IS 5182 Part 12

IS 5182 Part 11

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Report******



And Environmental Services Pvt. Ltd.

Certifications: ISO 9001: 2015 ISO 14001: 2015

ISO 45001: 2018

TEST REPORT								
Report No. NLES/23-24/08/NI/RE/108 Report Issue Date 21/08/20								
Chemical	×							
Atmospheric Pollution								
Ambient Air								
Ambient Noise								
14/08/2023								
IS 9989: 1981								
24 hrs. Day & Night								
one by Neetal Laboratories and Environmental Services Private Limited								
	MLES/23-24/08/NI/RE/108 M/s.Metarolls Ispat Pvt.Ltc Gut No.48, Adjecent to MIDC I Chemical Atmospheric Pollution Ambient Air Ambient Noise 14/08/2023 IS 9989: 1981 24 hrs. Day & Night	NLES/23-24/08/NI/RE/108 Report Issue Date M/s.Metarolls Ispat Pvt.Ltd. Gut No.48, Adjecent to MIDC Phase-II,Daregaon,Jalna. Chemical Atmospheric Pollution Ambient Air Ambient Noise 14/08/2023 IS 9989: 1981 24 hrs. Day & Night						

Sr. No.	Lacation		Average Noise Level Reading dB(A)			
	Location	Day Time	Night Time	guidelines		
1	Main Gate	65.6	56.4	Day Time = 75 dB		
2	Admin Office	57.8	51.2	Night Time =70 dB		

Remark- All above Noise level results are within Central Pollution Control Board Standards limit.

Reviewed By

(Technical Manager)



Authorized Signatory

(Mr. Abhishek Tope) (Quality Manager)

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And Environmental Services Pvt. Ltd.

Certifications: ISO 9001: 2015 ISO 14001: 2015

ISO 45001: 2018

			TEST RE	PORT	T (Stack	Emissio	n)	
Repo	rt No.	NLES/23	-24/08/ST/RE/	109	Report Iss	sue Date	21/08	/2023
Name	e and Address of	M/s.Me	tarolls Ispat I	Pvt.Ltd	l.			
Custo	omer	Gut No.4	18, Adjecent to	MIDC	Phase-II,Dar	egaon,Jalna	a.	
Discip	Discipline Chemical						o tu on min	iterial: MS
Grou	р	Pollution	& Environment.		Sample Desc	ription		ight: 35 Mtr
Sub G	Group	Stack Em	ission				Stack Typ	oe: Round
Date	of Sampling	14/08/20	23		Sampling Loc	ation	Induction	n Furnace Stack
Sampling done by			boratories and nental Services mited	,	Sampling du	ration	on 30 Min	
Samp			e 1 Nos and 30 ml		Sampling Procedure		CPCB Guideline on methodologies for source emission monitoring	
Start	Date of Analysis	16/08/2	2023		End Date of Analysis 2:		21/08/2	2023
				1	Results			
Sr. No.	Paramete	rs	Results	ι	Jnit(s)	Specific (MPCB C		Methods
1	Flue Gas Tempera	ature	50		°C			
2	Differential Press	ure	3.7	m	nm WG			
3	Velocity		8.01		M/s			
4	Total Particulate	Matter	55.6	m	ıg/Nm3	≤ 1	00	IS 11255 (Part 1)
5	Sulphur Dioxide (SO ₂)	21.7	m	g/Nm3	N.:	S.	IS 11255 (Part 2)
6	Oxides of Nitroge	n (Nox)	25.4	m	ig/Nm3	N.	S.	IS 11255 (Part 7)
	Remark-	All above r	esults are well	within	MPCB Limit	. N.S-Not S	pecified,	

(Technical Manager)



Authorized Signatory

(Quality Manager)

*************End of Report**********

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ISO 9001: 2015 ISO 14001: 2015

Certifications:

ISO 45001: 2018

			OIMII	DILLEO
And	Environ	mental	Services	Pvt. Ltd.

		TEST R	EPORT			
No:	NLES/23-24/08/V	VZ/RE/111	Report Issue Date	21/08/20	23	
		•	se-II,Daregaon,Jalna.			
Name	Workzone Noise		Date of Sampling	14/08/202	23	
g done by	Neetal Laboratories	and Environmen	tal Services Private Limited			
		Res	ults			
Lo	cations	dB(A)			Method	
Funace Shed		75.3				
Casting Area		70.8	≤90	≤90		
Raw Material H	landling Unit	71.4				
	Funace Shed Casting Area	M/s.Metarolls Is Gut No.48, Adject Name Workzone Noise Neetal Laboratories Locations Funace Shed	No: NLES/23-24/08/WZ/RE/111 Ind Address of M/s.Metarolls Ispat Pvt.Ltd. Gut No.48, Adjecent to MIDC Pha Name Workzone Noise g done by Neetal Laboratories and Environment Resilations dB(A) Funace Shed 75.3 Casting Area 70.8	M/s.Metarolls Ispat Pvt.Ltd. Gut No.48, Adjecent to MIDC Phase-II,Daregaon,Jalna. Name Workzone Noise Date of Sampling g done by Neetal Laboratories and Environmental Services Private Limited Results Locations dB(A) Specifications (The Act 1948, stand Funace Shed 75.3 Casting Area 70.8 ≤90	No: NLES/23-24/08/WZ/RE/111 Report Issue Date 21/08/20 Ind Address of M/s. Metarolls Ispat Pvt.Ltd. Gut No.48, Adjecent to MIDC Phase-II, Daregaon, Jalna. Name Workzone Noise Date of Sampling 14/08/202 Is done by Neetal Laboratories and Environmental Services Private Limited Results Locations dB(A) Specifications (The Factories Act 1948, standards) Funace Shed 75.3 Casting Area 70.8 ≤90	

Reviewed By

(Technical Manager)



Authorized Signatory

(Quality Manager)

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And Environmental Services Pvt. Ltd.

Certifications: ISO 9001: 2015 ISO 14001: 2015

ISO 45001: 2018

			TES	T REPORT		
Repo	ort No.	NLES/23-24/	08/W/RE/112	Report Issue Date	е	21/08/2023
	e and Address of	M/s.Metar	olls Ispat Pvt.	Ltd.		
Cust	omer			C Phase-II, Daregaor	n,Jalna.	
Disci	pline	Chemical		Date of Sample C		14/08/2023
Grou	ıp	Water		Sample Quantity		02 lit Plastic Can
Sub	Group	Surface Wat	er	Sampling Proced	ure	APHA 1060
Sam	ple Description	Moti Pond		Sample Status		Sealed
Sam	pling done by	Neetal Labora	itories and	Environmental C	ondition for	Temperature: 25 °C ±5 °C &
		Environmenta Private Limite		sample storage a	nd Analysis	Humidity: 30 % to 80 % RH
Start	Start Date of Analysis 16/08/2023			End Date of Anal	ysis	21/08/2023
				Results		
Sr. No.	Parameters		Unit(s)	Results	Methods	_
	SICAL PARAMETERS					
1	Odour		(57)	Agreeable	IS 3025 Pa	
2	pH at 25°C		-	7.72	APHA 4500	0 H+ A, 23 rd Ed. 2017
3	Turbidity	- 8	NTU	0.49	IS 3025 Pa	A CONTRACTOR OF THE CONTRACTOR
4	Total Dissolved Sc	olids	mg/l	805	E (11) 1000 1000 E (11) 1000	0 C, 23 rd Ed. 2017
5	Ammonical Nitrog	gen as N	mg/l	0.21	The state of the s	0 NH3, 23 rd Ed. 2017.
6	Calcium (as Ca)	N	mg/l	28.5		0 Ca B, 23 rd Ed. 2017
7	Chloride (as Cl)		mg/l	82.3		0 Cl - B 23 rd Ed. 2017
8	Fluoride (as F)		mg/l	0.52	F 2000 2000/A CONSO	0 F ⁻ - D 23 rd Ed. 2017
9	Residual Chlorine	as Cl	mg/l	<0.1		rt 26 (Rev.1, RA 2014)
10	Magnesium (as M	g)	mg/l	24.3		0 Mg A, 23 rd Ed. 2017
11	Nitrate (as NO ₃)		mg/l	4.59	THE PARTY CONTRACTOR OF PERSONS	0 NO3- B 23 rd Ed. 2017
12	Sulphate (as SO ₄)		mg/l	46.7		0 SO4 E, 23 rd Ed. 2017
13	Total Alkalinity (a	s CaCO ₃)	mg/l	251.4		0 B, 23 rd Ed. 2017
14	Total Hardness (a	s CaCO ₃)	mg/l	319.5		0 B, 23 rd Ed. 20 1 7
15	Iron (as Fe)		mg/l	0.61	IS 3025 (P	
16	Colour		Hazen	1.0	IS 3025 (P	art-4)

Reviewed By

(Ms. Kalyani Gore) (Technical Manager)



Authorized Signatory

(Mr. Abhishek Tope) (Quality Manager)

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And Environmental Services Pvt. Ltd.

Certifications: ISO 9001: 2015 ISO 14001: 2015

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			TES	T REPORT				
Repo	ort No.	NLES/23-24	/08/W/RE/113	Report Issue Dat	e	21/08/2023		
	e and Address of		olls Ispat Pvt.					
Cust	omer	17.17 E		C Phase-II, Daregaon	n,Jalna.			
Disci	pline	Chemical		Date of Sample C		14/08/2023		
Grou		Water		Sample Quantity		02 lit Plastic Can		
	Group	Ground Wat	ter	Sampling Proced	ure	APHA 1060		
	ple Description	Daregaon V	illage	Sample Status		Sealed		
	pling done by	Neetal Labor		Environmental C	ondition for	Temperature: 25 °C ±5 °C 8		
		Environment Private Limite		sample storage a	and Analysis	Humidity: 30 % to 80 % RH		
Start	t Date of Analysis	16/08/2023	127.15	End Date of Anal	lysis	21/08/2023		
	•	A		Results				
Sr. No.	Parameters		Unit(s)	Results	Methods			
Co. Lancing	SICAL PARAMETERS	i u			21500			
1	Odour		120	Agreeable	IS 3025 Pa	art-5		
2	pH at 25°C		(-)	6.84	APHA 4500	0 H+ A, 23 rd Ed. 2017		
3	Turbidity		NTU	0.49	IS 3025 Pa			
4	Total Dissolved So	olids	mg/l	516		0 C, 23 rd Ed. 2017		
5	Ammonical Nitrog	gen as N	mg/l	0.37		O NH3, 23 rd Ed. 2017.		
6	Calcium (as Ca)		mg/l	27.8		O Ca B, 23 rd Ed. 2017		
7	Chloride (as CI)		mg/l	70.9	The second state of the contract of the contra	0 Cl ⁻ - B 23 rd Ed. 2017		
8	Fluoride (as F)		mg/l	0.46	APHA 4500	0 F ⁻ - D 23 rd Ed. 2017		
9	Residual Chlorine	as Cl	mg/l	<0.1		rt 26 (Rev.1, RA 2014)		
10	Magnesium (as M	g)	mg/l	20.4		0 Mg A, 23 rd Ed. 2017		
11	Nitrate (as NO ₃)		mg/l	2.59	CONTRACTOR CONTRACTOR CONTRACTOR	0 NO3- B 23 rd Ed. 2017		
12	Sulphate (as SO ₄)		mg/l	43.3		0 SO4 E, 23 rd Ed. 2017		
13	Total Alkalinity (a	s CaCO ₃)	mg/l	184.5	F - 2000 M. J. C.	0 B, 23 rd Ed. 2017		
14	Total Hardness (a	s CaCO ₃)	mg/l	252.6	APHA 234	0 B, 23 rd Ed. 2017		
15	Iron (as Fe)		mg/l	0.29	IS 3025 (Pa	AND THE PROPERTY OF THE PROPER		
16	Colour		Hazen	1.0	IS 3025 (Pa	IS 3025 (Part-4)		

(Ms. Kalyani Gore) (Technical Manager) (Mr. Abhishek Tope) (Quality Manager)

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And Environmental Services Pvt. Ltd.

Certifications : ISO 9001 : 2015 ISO 14001 : 2015

ISO 45001: 2018

			TEST REP	ORT (An	nbient Ai	r)				
Report No. NLES/2			3-24/09/AA/RE/	128 R	eport Issue D	ate	23/09/2023			
Nam	e and Address of	M/s.M	M/s.Metarolls Ispat Pvt.Ltd.							
Custo	omer	Gut No	.48, Adjecent to	MIDC Phase-	II,Daregaon,J	alna.				
Discipline		Chemic	al	Date & Tim Sampling	ne of	(C-10 S 4) 1956	10:00 AM of 18/09/2023 to 6:00 f 18/09/2023 (8 hrs)			
Grou	p	Atmos	heric Pollution	Sampling F	rocedure	IS 518	32 Part 5			
Sub (Group	Ambier	nt Air	Sampling o	r dono hu		Laboratories and Environmental es Private Limited			
Samp	ling Location	Near M	lain Gate	Dry bulb to	emperature	27°C				
Wet	bulb temperature	21°C		Relative H		79 %				
Samp	le Volume		nl ×1 no. (Plastic B 1no. (Filter Paper)			stic Bott	le)			
		19/09/				23/09	/2023			
				Results			N .			
Sr. No.	Parameters		Results	Unit(s)	Specificat		Methods			
1	Sulphur Dioxide (SO ₂)	17.8	μg/m³	≤ 80		IS 5182 (Part 2)			
2	Oxides of Nitrogen (N	NO ₂)	22.6	μg/m³	≤ 80		IS 5182 (Part 6)			
3	Particulate Matter Pl	M ₁₀	46.9	μg/m³	≤ 100)	IS 5182 (Part 4), 1999			
4	Particulate Matter PI	M _{2.5}	25.7	μg/m³	≤ 60		IS 5182 (Part 24), 2019			
5	Ozone (O ₃)		9.6	μg/m³	≤ 180)	Method 411, Air Sampling and Analysis, 3rd Edition, 2020			
6	Ammonia (NH ₃)		4.1	μg/m³	≤ 400)	Method 401, Air Sampling and Analysis 3rd Edition, 2020			
7	Lead (Pb)		BDL	μg/m³	≤ 01		Air Sampling and Analysis, 3rd			
8	Arsenic (As)		BDL	ng/m³	≤ 06		Edition, 2020			
9	Nickel (Ni)		BDL	ng/m³	≤ 20					
10	Carbon Monoxide (C	0)	0.28	mg/m ³	≤ 04		GC FID Methanizer Method			
	Benzo(a)Pyrene (BaP)	BDL	ng/m³	≤ 1.0		IS 5182 Part 12			
11	Delizo(a)r yrene (bar	,	Benzene(C_6H_6) BDL $\mu g/m^3 \leq 05$							

Reviewed By

(Ms. Kalyani Gore) (Technical Manager)

Remark- All above results are within National Ambient Air Quality standards.

Authorized Signatory

(Mr. Abhishek Tope) (Quality Manager)

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And Environmental Services Pvt. Ltd.

Certifications: ISO 9001: 2015 ISO 14001: 2015

ISO 45001: 2018

			TEST REP	ORT (An	nbient Ai	r)		
Repo	ort No.	NLES/2	3-24/09/AA/RE/	/129 Rep	ort Issue Date	2	23/09/2023	
	e and Address of omer	etarolls Ispat F 48, Adjecent to		-II,Daregaon,J	alna.			
Discipline Ch		Chemic	al	Date & Tin Sampling	Date & Time of Sampling		10:10 AM of 18/09/2023 to 6:10 f 18/09/2023 (8 hrs)	
Grou	ıp	Atmosp	heric Pollution	Sampling F	Procedure	IS 518	32 Part 5	
Sub	Group	Ambien	t Air	Sampling of	done by	Neetal Laboratories and Environment Services Private Limited		
Samı	Sampling Location		Shed	Dry bulb to	emperature	28°C		
Wet bulb temperature		22°C		Relative H	umidity	81 %		
Samp	ole Volume	The Control of the Co	nl ×1 no. (Plastic B 1no. (Filter Paper)				le)	
Start	Date of Analysis	19/09/2	2023	End Date of Analysis 23/0)/2023	
	THE REAL PROPERTY.			Results			E PARK THE COLUMN	
Sr. No.	Parameters		Results	Unit(s)	Specificat		Methods	
1	Sulphur Dioxide (SO:	2)	16.3	μg/m³	≤ 80		IS 5182 (Part 2)	
2	Oxides of Nitrogen (NO ₂)	25.6	μg/m³	≤ 80		IS 5182 (Part 6)	
3	Particulate Matter P	M ₁₀	47.8	μg/m³	≤ 100)	IS 5182 (Part 4), 1999	
4	Particulate Matter P	M _{2.5}	29.4	μg/m³	≤ 60		IS 5182 (Part 24), 2019	
5	Ozone (O ₃)		9.5	μg/m³	≤ 180)	Method 411, Air Sampling and Analysis, 3rd Edition, 2020	
6	Ammonia (NH ₃)		6.8	μg/m³	≤ 400)	Method 401, Air Sampling and Analysis 3rd Edition, 2020	
7	Lead (Pb)		BDL	μg/m³	≤ 01		Air Sampling and Analysis, 3rd	
8	Arsenic (As)		BDL	ng/m³	≤ 06		Edition, 2020	
9	Nickel (Ni)		BDL	ng/m³	≤ 20		-	

mg/m³

ng/m³

μg/m³

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PUNE

0.29

BDL

BDL

Remark- All above results are within National Ambient Air Quality standards.

Reviewed By

(Ms. Kalyani Gore) (Technical Manager) **Authorized Signatory**

≤ 04

≤ 1.0

≤ 05

(Mr. Abhishek Tope) (Quality Manager)

IS 5182 Part 12

IS 5182 Part 11

GC FID Methanizer Method

Terms and Conditions

Carbon Monoxide (CO)

Benzo(a)Pyrene (BaP)

Benzene(C₆H₆)

10

11

12

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End of Report***

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And Environmental Services Pvt. Ltd.

Certifications: ISO 9001: 2015 ISO 14001: 2015

ISO 45001: 2018

			TEST REP	PORT (A	Ambient Ai	r)	
Repo	ort No.	NLES/2	3-24/09/AA/RE	-	Report Issue [23/09/2023
Name and Address of M/s.Metarolls				vt.Ltd.			
Cust	omer	Gut No	.48, Adjecent to	MIDC Pha	se-II,Daregaon,.	lalna.	
Discipline		Chemic	Chemical				10:20 AM of 18/09/2023 to 6:20 of 18/09/2023 (8 hrs)
Group		Atmos	heric Pollution	Samplin	g Procedure	IS 51	82 Part 5
Sub	Sub Group		nt Air	Samplin	Campling done by		al Laboratories and Environmental ces Private Limited
Sam	pling Location	Rolling	Mill Shed	Dry bulb	temperature	26°C	
Wet	bulb temperature	22°C		Relative	Humidity	82 %	
Samp	ole Volume	SO ₂ :30 ml ×1 no. (Plastic Bottle), NO ₂ :30 ml×1 no. (Plastic Bottle) PM ₁₀ :1×1no. (Filter Paper), PM _{2,5} :1×1no. (Filter Paper)		tle)			
Start	Date of Analysis	19/09/		End Date of Analysis			9/2023
				Resul	ts		
Sr. No.	Parameters		Results	Unit(s)	Specifica (NAAQ Star		Methods
1	Sulphur Dioxide (SO:	2)	16.3	μg/m³	≤ 80		IS 5182 (Part 2)
2	Oxides of Nitrogen (NO ₂)	18.7	μg/m³		V	IS 5182 (Part 6)
3	Particulate Matter P	M ₁₀	46.7	μg/m³)	IS 5182 (Part 4), 1999
4	Particulate Matter P	M _{2.5}	27.8	μg/m³		N	IS 5182 (Part 24), 2019
5	Ozone (O ₃)		9.8	μg/m³)	Method 411, Air Sampling and Analysis, 3rd Edition, 2020
6 Ammonia (NH ₃)			4.3	μg/m³	≤ 400)	Method 401, Air Sampling and Analysis 3rd Edition, 2020
7	Lead (Pb)		BDL	μg/m³		<u> </u>	Air Sampling and Analysis, 3rd
8	Arsenic (As)		BDL	ng/m³	≤ 06		Edition, 2020
9	Nickel (Ni)		BDL	ng/m³			
10	Carbon Monoxide (C	(0)	0.34	mg/m ³	≤ 04		GC FID Methanizer Method

Reviewed By

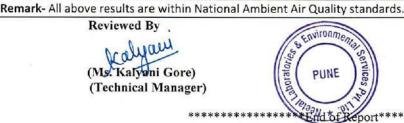
Benzo(a)Pyrene (BaP)

Benzene(C₆H₆)

11

12

(Ms. Kalyani Gore) (Technical Manager)



ng/m3

µg/m³

≤ 1.0

≤ 05

BDL

BDL

Authorized Signatory

IS 5182 Part 12

IS 5182 Part 11

(Mr. Abhishek Tope) (Quality Manager)

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And Environmental Services Pvt. Ltd.

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

			TEST REPO	RT				
Report No.		NLES/23-	NLES/23-24/09/NI/RE/131 Report Issue Date 23/09/2023					
Name and Add	dress of	M/s.Metarolls Ispat Pvt.Ltd.						
Customer		Gut No.48, Adjecent to MIDC Phase-II, Daregaon, Jalna.						
Discipline	4	Chemical						
Group		Atmosphe	eric Pollution					
Sub Group		Ambient Air						
Sample Name		Ambient Noise						
Date of Sampling		18/09/2023						
Method of Sampling		IS 9989: 1981						
Sampling Duration		24 hrs. Day & Night						
Sampling done by		Neetal Laboratories and Environmental Services Private Limited						
			Results	Bell continue				
C N	o. Location		Average Nois	Limits as per CPCB				
Sr. No.			Day Time	Night Time	guidelines			

Remark- All above Noise level results are within Central Pollution Control Board Standards limit.

Reviewed By

Main Gate

Admin Office

1

2

(Technical Manager)



66.9

54.8

Authorized Signatory

Day Time = 75 dB

Night Time =70 dB

Night Time

58.7

47.6

(Quality Manager)

End of Report**

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NEETAL LABORATORIES And Environmental Services Pvt. Ltd.

ISO 9001 : 2015 ISO 14001 : 2015

Certifications:

ISO 45001: 2018

			TEST RE	POR ⁻	Γ (Stack	Emissio	n)		
Report No.		NLES/23-24/09/ST/RE/132			Report Issue Date		23/09/2023		
Nam	e and Address of	M/s.Me	etarolls Ispat	Pvt.Ltc	l.				
Custo	omer	Gut No.4	48, Adjecent to	MIDCI	Phase-II, Dar	egaon,Jalna	э.		
Disci	pline	Chemical					Stack Ma	aterial: MS	
Grou	р	Pollution	& Environment.		Sample Desc	ription	Stack He	ight: 35 Mtr	
Sub (Group	Stack Em	ission				Stack Ty	pe: Round	
Date	of Sampling	18/09/20)23		Sampling Lo	cation	Inductio	n Furnace Stack	
Sampling done by		1	boratories and nental Services mited		Sampling duration		30 Min		
Sample Quantity		Thimble 1 Nos and 30 ml Solution			Sampling Procedure		CPCB Guideline on methodologies for source emission monitoring		
Start Date of Analysis		19/09/2023			End Date of	Date of Analysis 23/09/2023		2023	
				F	Results				
Sr. No.	Parameters		Results	ι	Jnit(s)	Specific (MPCB C		Methods	
1	Flue Gas Tempera	ature	53		°C				
2	Differential Pressure		4.1	m	mm WG				
3 Velocity		8.05		M/s]				
4	Total Particulate Matter		46.9	mg/Nm3		≤ 100		IS 11255 (Part 1)	
5	Sulphur Dioxide (SO ₂)		22.4	mg/Nm3		N.S.		IS 11255 (Part 2)	
6	Oxides of Nitroge	n (Nox)	25.7	m	mg/Nm3 N.S		S.	IS 11255 (Part 7)	
	> Remark- /	All above r	esults are well	within	MPCB Limit	N.S-Not Sr	pecified,	,	

Reviewed By

(Ms. Kalvani Gore) (Technical Manager)



Authorized Signator

(Mr. Abhishek Tope (Quality Manager)

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EETAL LABORATORIES And Environmental Services Pvt. Ltd.

Certifications: ISO 9001: 2015

190	14001		2013	
ISO	45001	:	2018	

			TEST F	EPORT				
Report I	No:	NLES/23-24/09/V	VZ/RE/134	Report Issue Date	23/09/20	23		
Name a	nd Address of er	M/s.Metarolls I Gut No.48, Adject	V-	se-II,Daregaon,Jalna.				
Sample	Name	Workzone Noise		Date of Sampling	18/09/202	23		
Sampling done by N		Neetal Laboratories	Neetal Laboratories and Environmental Services Private Limited					
			Res	ults				
Sr. No.	Locations		dB(A)	Specifications (The Act 1948, stand		Method		
1.	Funace Shed Casting Area		81.2		≤90			
2.			76.9	≤90				
3. Raw Material Handling Unit		75.4						

Reviewed By

(Technical Manager)



Authorized Signatory

(Quality Manager)

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And Environmental Services Pvt. Ltd.

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

			TEST	T REPORT			
Report No.		NLES/23-24/09/W/RE/135		Report Issue Dat	е	23/09/2023	
Nam	e and Address of	M/s.Metaro	lls Ispat Pvt.L	td.			
Cust	omer	Gut No.48, Ad	djecent to MIDO	C Phase-II, Daregaor	n,Jalna.		
Disci	ipline	Chemical		Date of Sample C		18/09/2023	
Grou	ıp	Water		Sample Quantity		02 lit Plastic Can	
Sub	Group	Surface Wate	r	Sampling Proced	ure	APHA 1060	
Sam	ple Description	Moti Pond		Sample Status		Sealed	
Sampling done by		Neetal Laboratories and Environmental Services Private Limited		Environmental Condition for sample storage and Analysis		Temperature: 25 °C ±5 °C 8 Humidity: 30 % to 80 % RH	
Start	t Date of Analysis	19/09/2023		End Date of Analysis		23/09/2023	
				Results			
Sr. No.	MICHIEL DEVENTIONED TO THE STATE OF THE STAT		Unit(s)	Results	Methods		
PHY	SICAL PARAMETERS						
1	Odour		ja - 1	Agreeable	IS 3025 Pa	rt-5	
2	pH at 25°C		성발:	7.69	APHA 4500) H+ A, 23 rd Ed. 2017	
3	Turbidity		NTU	0.53	IS 3025 Pa	rt-10	
4	4 Total Dissolved Solids		mg/l	768	STATISTICS SERVICE STATISTICS	0 C, 23 rd Ed. 2017	
5 Ammonical Nitrogen as N		mg/l	0.54) NH3, 23 rd Ed. 2017.		
6 Calcium (as Ca)		mg/l	38.5	The second secon	APHA 3500 Ca B, 23 rd Ed. 2017		
7 Chloride (as Cl)		mg/l	86.7) Cl ⁻ - B 23 rd Ed. 2017		
8	Fluoride (as F)		mg/l	0.78	APHA 4500	APHA 4500 F - D 23 rd Ed. 2017	
9 Residual Chlorine as Cl		mg/l	<0.10		rt 26 (Rev.1, RA 2014)		
10 Magnesium (as Mg)		mg/l	25.4) Mg A, 23 rd Ed. 2017		
11	1 Nitrate (as NO ₃)		mg/l	5.87) NO3- B 23 rd Ed. 2017	
12	Sulphate (as SO ₄)		mg/l	66.8	APHA 4500	SO4 E, 23 rd Ed. 2017	

Reviewed By

Total Alkalinity (as CaCO₃)

Total Hardness (as CaCO₃)

Iron (as Fe)

Colour

(Ms. Kalyani Gore) (Technical Manager)



232.6

364.5

0.71

1.0

mg/I

mg/I

mg/l

Hazen

Authorized Signatory

APHA 2320 B, 23rd Ed. 2017

APHA 2340 B, 23rd Ed. 2017

IS 3025 (Part-02) IS 3025 (Part-4)

> (Mr. Abhishek Tope) (Quality Manager)

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And Environmental Services Pvt. Ltd.

Certifications: ISO 9001: 2015 ISO 14001: 2015

ISO 45001: 2018

			TES	T REPORT			
Report No. NLE		NLES/23-24	/09/W/RE/136	23/09/2023			
Nam	e and Address of	M/s.Meta	rolls Ispat Pvt.	Ltd.			
Cust	omer	7.	The state of the s	C Phase-II, Daregaor	n,Jalna.		
Disci	pline	Chemical		Date of Sample C	ollection	18/09/2023	
Grou	ip	Water		Sample Quantity	1,6	02 lit Plastic Can	
Sub	Group	Ground Wa	ter	Sampling Proced	ure	APHA 1060	
Sam	ple Description	Daregaon V	illage	Sample Status		Sealed	
Sam	pling done by	Neetal Labor	atories and	Environmental Co	ondition for	Temperature: 25 °C ±5 °C &	
	900	Environment Private Limit		sample storage and Analysis		Humidity: 30 % to 80 % RH	
Start	Date of Analysis	19/09/2023		End Date of Anal	ysis	23/09/2023	
				Results			
Sr. Parameters No.		Unit(s)	Results	Methods			
PHYS	SICAL PARAMETERS					and the same of th	
1	Odour		4.75	Agreeable	IS 3025 Pa	art-5	
2	pH at 25°C		=	6.83	APHA 4500	O H+ A, 23 rd Ed. 2017	
3	Turbidity		NTU	0.61	IS 3025 Pa	art-10	
4	Total Dissolved So	lids	mg/l	528		0 C, 23 rd Ed. 2017	
5	Ammonical Nitrog	gen as N	mg/l	0.39		O NH3, 23 rd Ed. 2017.	
6	Calcium (as Ca)		mg/l	23.4	The second of th	Ca B, 23 rd Ed. 2017	
7	Chloride (as Cl)		mg/l	63.9		Cl ⁻ - B 23 rd Ed. 2017	
8 Fluoride (as F)		mg/l	0.43	APHA 4500	D F ⁻ - D 23 rd Ed. 2017		
9 Residual Chlorine as Cl		mg/l	<0.1	IS 3025 Part 26 (Rev.1, RA 2014)			
10	Magnesium (as Mg)		mg/l	21.3	The state of the s) Mg A, 23 rd Ed. 2017	
11 Nitrate (as NO ₃)		mg/l	2.89		0 NO3- B 23 rd Ed. 2017		
12	Sulphate (as SO ₄)		mg/l	49.4		SO4 E, 23 rd Ed. 2017	
13	Total Alkalinity (as CaCO ₃)		mg/l	191.3		OB, 23 rd Ed. 2017	
	4 Total Hardness (as CaCO ₃)		mg/l	252.7	APHA 2340	OB, 23 rd Ed. 2017	
14	The state of the s				The second control of	IS 3025 (Part-02)	
14 15			mg/l	0.51	IS 3025 (Pa	art-02)	

(Technical Manager)

Authorized Signatory

(Mr. Abhishek Tope) (Quality Manager)

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