



# Environment Clearance Compliance Report



KONSARI PLANT

**Lloyds Metals & Energy Ltd.**

Plot No. A1-2, MIDC Chamorshi (Konsari), Vil. – Konsari,  
Taluk – Chamorshi, Gadchiroli, Maharashtra



## LLOYDS METALS AND ENERGY LIMITED

Site Office: Village: Konsari, NH 353C (Ashti Gadchiroli Road), 10km from Ashti, Distt: Gadchiroli Maharashtra- 442707  
www.lloyds.in CIN: L40300MH1977PLC019594 investor@lloyds.in

**Ref. No.** LLOYDS/MOEF&CC/COMP/28/2023

**Dt.** 28/05/2023

**To,**

**Deputy Director General of Forests (C),  
Ministry of Env., Forest and Climate Change,**  
Integrated Regional Office, Ground Floor,  
East Wing, New Secretariat Building, Civil Lines,  
Nagpur- 440001.

**Sub:** Six Monthly Compliance of granted Environmental Clearance Conditions of Konsari Plant of Lloyds Metals & Energy Ltd. for the period Oct, 2022 to Mar, 2023 - Regarding.

**Ref:** MoEF&CC Environment Clearance letter issued by SEIAA, Maharashtra vide EC identification no. EC22B008MH126424 dated 29.08.2022.

Dear Sir,

With reference to the above cited subject, we would like to inform you that, the project has obtained the Environment Clearance vide EC identification no. EC22B008MH126424 dated 29.08.2022 from SEIAA for installation of Sponge Iron Plant of capacity (2X95 TPD) 190 TPD, Captive Power Plant (4 MW WHRB) and 90,000 TPA Iron Ore Beneficiation Plant at Plot no. A-1, A-2, MIDC Chamorshi, Village-Konsari, Taluka-Chamorshi, Dist.-Gadchiroli of Lloyds Metals & Energy Ltd. and the project is under construction stage. However, we are submitting the pointwise compliance along with comprehensive monitoring report for the reporting period Oct, 22 to Mar, 23.

This is for your kind information, please.

Yours faithfully,

**For, M/s. Lloyds Metals & Energy Ltd.**

**Vice President (R&EHQ)**

**CC to:** 1. The Member Secretary, SEIAA, Environment & Climate Change Dept., Room No. 217, 2<sup>nd</sup> Floor, Mantralaya, Mumbai – 400032

**Compliance Status of the conditions imposed in granted EC for installation of Sponge Iron Plant of capacity 190 TPD, Captive Power Plant (4 MW WHRB) and 90,000 TPA Iron Ore Beneficiation Plant at Plot no. A1-2, MIDC Konsari, Village Konsari, Taluka Chamorshi, Dist.-Gadchiroli by M/s. Lloyds Metals & Energy Ltd.**

Sl. No.	EC Conditions	Compliance Status
<b>Specific Conditions</b>		
<b>SEAC Conditions:</b>		
1.	PP proposes to install waste heat recovery based power plant of capacity 4 MW at Site.	We are abiding by the said condition and 4 MW WHRB power plant is under construction. Photo enclosed as <b>Photo #1.</b>
2.	PP to provide Zero Liquid Discharge Effluent Treatment Plant	Zero liquid discharge ETP is under construction.
3.	PP to ensure that, the tailings generated from iron ore beneficiation are sold to brick manufacturer / tiles manufacturer and dolchar generated from Sponge Iron Plant be sold to Power Plant	Presently, there is no proposal of the iron ore beneficiation plant, so there is no generation of tailings. The project has planned to dispose the dolchar to the Power Plant units located in Chandrapur after commissioning of the plant.
4.	PP to carry out detailed bio diversity survey and if any schedule I species are observed, PP to prepare Wildlife Conservation Plan and submit approved of same.	The project has carried the detailed biodiversity study and prepared the site specific Wildlife Conservation Plan. The same is submitted before DCF, Allapali and forwarded to CF, Chandrapur. The copy of same enclosed, <b>Annex-1.</b>
5.	PP proposes to provide 33.7 acre of green belt within the premises. PP to complete green belt development with the provision of drip irrigation before commissioning of the manufacturing activity.	The project is carrying the plantation inside the plant premises covering the 33% of the plant area, 3426 nos. of plant saplings already planted inside the factory premises. The project has also planned to install the drip irrigation before commissioning of the plant. The details of plantation is enclosed as <b>Annex-2 and Photo # 2.</b>
6.	PP proposes to utilize entire CER fund before commissioning of the manufacturing activity in consultation with the District Collector.	The project is carrying the activities under CER fund and same is being implemented in phased manner. The details of same enclosed as <b>Annex-3.</b>
7.	PP to complete rain water harvesting facility before commissioning of the manufacturing activity.	The rain water harvesting facility is under construction at strategic location as per plan and it will be commissioned before commissioning of the plant.

**Compliance Status of the conditions imposed in granted EC for installation of Sponge Iron Plant of capacity 190 TPD, Captive Power Plant (4 MW WHRB) and 90,000 TPA Iron Ore Beneficiation Plant at Plot no. A1-2, MIDC Konsari, Village Konsari, Taluka Chamorshi, Dist.-Gadchiroli by M/s. Lloyds Metals & Energy Ltd.**

8.	PP to provide sliding gate at entry and exit to achieve maximum turning radius of vehicle entering the site.	We have provided sliding gate at entry and exit point of the plant so to achieve maximum turning radius of vehicle entering the site.
9.	PP to submit copies of MoU executed with the cement plants / brick manufacturers to reuse / dispose fly ash generated at site.	The project has planned to execute the MoU with cement / brick manufacturing units for safe disposal of the fly ash before commissioning of the plant.
<b>SEIAA Conditions</b>		
1.	PP submitted MIDC approved plan dated 24.05.2022. As per the said green belt area provided is 167027.515 M2 i.e. 33.21 % of total plot area.	The project is carrying the plantation inside the plant premises as per MIDC approved area covering the 33% of the plant area. The details of plantation is enclosed as <b>Annex-2 and Photo # 2.</b>
2.	PP to undertake Miyawaki plantation of native and indigenous trees such as Banyan, Peepal, Neem, Jamun and other suitable trees as per the Forest Dept., Govt. of Maharashtra circular no. SAVA vi-2019/C.R.3/F-11 dated 25 <sup>th</sup> June, 2019. The said plantation to be completed in the first year of operation of Environment Clearance under expert guidance of Miyawaki Experts / arborist.	The project is carrying the plantation of native and indigenous plant species as per the State Forest Dept. guidance in the green belt area of the plant. The project is also taken the Miyawaki experts guidance for planting of saplings. The details of plantation is enclosed as <b>Annex-2 and Photo # 2.</b>
3.	PP to strictly observe the Solid Waste management rules, 2016 as amended time to time.	Presently there is no generation of solid waste as the plant is under construction. However, we are following the Solid Waste Management Rules and amendments made therein from time to time for proper management of solid wastes.
4.	PP to strictly observe the Hazardous Waste and other Wastes (Management & Transboundary Movement) Rules, 2016 as amended time to time.	We are strictly following the hazardous wastes during construction stage of plant and the same will be continued.
5.	PP to identify all sources of fugitive air pollution on site and provide pollution control measures to mitigate pollution and meet the standard parameters stipulated in the EP Rule, 1986 amended	The plant is under construction stage; however, we have proposed all the pollution control measures towards prevention of fugitive air generated from the plant premises.

**Compliance Status of the conditions imposed in granted EC for installation of Sponge Iron Plant of capacity 190 TPD, Captive Power Plant (4 MW WHRB) and 90,000 TPA Iron Ore Beneficiation Plant at Plot no. A1-2, MIDC Konsari, Village Konsari, Taluka Chamorshi, Dist.-Gadchiroli by M/s. Lloyds Metals & Energy Ltd.**

	time to time & Air (PCP) Act, 1981 amended time to time.	
6.	PP to ensure storage of chemicals as per the manufacture, storage and import of hazardous chemical rules, 1989 amended time to time to ensure no release of any chemical to the atmosphere and leakage to the soil.	We are abiding by the said condition.
7.	PP to ensure transport, storage, handling and use of the flammable / toxic chemicals as per conditions stipulated in license / approval of the PESO.	We are abiding by the said condition.
8.	PP to obtain approval and license from Directorate of Industrial Health & Safety (DIHS) for proposed project and implement all condition stipulated therein. PP to carry out safety audit as stipulated in the Maharashtra Factories Rules, 1963 and ensure compliance of recommendation of the audit.	We have applied to DIHS, Chandrapur for obtaining the license. We will also carry out the Safety Audit after construction of the plant and abide by the recommendation as specified.
9.	PP to provide solar energy for illumination of administrative building, street lights and parking area.	We have already installed 200 KW capacity of solar power within the plant premises covering roof top areas of parking area etc. and the same energy is used for lighting purposes. Photo enclosed as <b>Photo # 3.</b>
10.	PP to ensure use of briquette / bio coal / pellets / or any such suitable product derived from scientific processing of appropriate stream of dry waste / agriculture waste not less than 50% of total fuel requirement to the oiler.	We are abiding by the said condition and exploring the same also.
11.	PP to provide roof top rain water harvesting facility.	The rain water harvesting facility is under construction at strategic location as per plan and it will be commissioned before commissioning of the plant.
12.	PP to ensure that proposed project is ZLD.	Zero liquid discharge ETP is under construction.

**Compliance Status of the conditions imposed in granted EC for installation of Sponge Iron Plant of capacity 190 TPD, Captive Power Plant (4 MW WHRB) and 90,000 TPA Iron Ore Beneficiation Plant at Plot no. A1-2, MIDC Konsari, Village Konsari, Taluka Chamorshi, Dist.-Gadchiroli by M/s. Lloyds Metals & Energy Ltd.**

<b>General Conditions</b>		
1.	The project proponent shall advertise at least in two local newspapers widely circulated in the region, one of which shall be in the Marathi language of the local concerned within 7 days of the issue of this letter, informing that the project has been accorded environmental clearance and copies of environment clearance letter are made available with the Maharashtra Pollution Control Board, web site of the company and may also be seen at website at <a href="http://parivesh.nic.in">http://parivesh.nic.in</a>	The project has advertised in local newspaper of Marathi language i.e. The The Punya Nagari (largest circulated Marathi daily) dated 02/09/2022 and The Hitavada dated 02/09/2022 by declaring that the project has been accorded the Environment Clearance by MoEF&CC. Copy enclosed as <b>Annex-4</b> . We have also displayed the copy of the environment clearance in our company website i.e. <a href="http://www.lloyds.in">www.lloyds.in</a> .
2.	The Project Proponent shall upload the status of compliance (soft copies) of the conditions stipulated EC letter including monitoring data of air, water, soil, noise etc. on their website and shall update the same periodically. The half yearly compliance report shall simultaneously be submitted to the MPCB, SEIAA and Regional Office of MoEF&CC at Nagpur, on 1 <sup>st</sup> June and 1 <sup>st</sup> December of each calendar year.	The project has been granted EC on dt. 29/08/2022 and we have submitted the compliance report of same on six monthly basis at MPCB, SEIAA and MOEF&CC, IRO, Nagpur. As the project is under construction stage, the monitoring data including compliance of EC conditions will be submitted accordingly.
3.	Separate fund shall be allocated for the implementation of EMP along with item wise break up and specific time line for its completion. The cost shall be included as per of the project cost. The funds earmarked for the environmental protection measures shall not be diverted for other purposes and year wise break up expenditure should be reported to the MPCB and SEIAA	The project has kept the separate fund for implementation of EMP as specified along with break up of specific items with timeline. The funds are earmarked for the environment protection measures are not diverted for any other purposes and expenditure details are submitted to MPCB, SEIAA and MoEF&CC regularly.
4.	A separate Environment Management Cell with qualified personal shall be set up for implementation of the stipulated environmental safeguard measures.	A separate Environment Management Cell is established with qualified personal along with other supporting staffs for monitoring and compliance management of the project. The detailed org. chart of Environment Cell is enclosed as <b>Annex-5</b> .

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5.	In the event of failure of any pollution control equipment, the manufacturing activity shall be immediately stopped safely till the effective functioning of pollution control equipment's is regained.	We will abide by the said condition after commissioning of the plant.
6.	PP to strictly follow condition stipulated in the Consent to Establish /Operate issued by the MPCB.	We are strictly following the conditions stipulated on the Consent to Establish /Operate issued by the MPCB.
7.	PP to provide separate drains for storm water and effluent, and ensure that the storm water drain are dry all the time and in no case the effluent shall mix with the storm water drain.	We have provided separate drains for storm water and effluents and it will be ensured during operation of the plant. Photo enclosed as <b>Photo # 4.</b>
8.	Periodic monitoring of ground water in the study area as marked in the environmental impact assessment report shall be undertaken and results analyzed to ascertain any change in the quality of water. Results shall be regularly submitted to the MPCB.	Periodic monitoring of ground water quality is being carried and results are analyzed. The test results found to be very well within the prescribed norms. Copy of test report enclosed as <b>Annex-6.</b>
9.	The overall noise levels in and around the factory premises shall be kept within the prescribed standard under the EP Act, 1986 and rule 1989 as emended from time to time by providing adequate noise control measures and protective equipment's like ear plug etc.	The plant is under construction stage and noise levels are being monitored regularly, the results found to be very well within the prescribed standard. All the employees working within the plant premises are provided with protective equipment's like ear plugs, ear muffs etc. The test report is enclosed as <b>Annex-7 and photo as Photo#5.</b>
10.	Adequate safety measures shall be ensured to limit the risk zone within the factory premises. Leak detection system shall be installed for early detection and mitigation purpose.	The project has adopted adequate safety measures so as to limit the risk within the plant premises. Leak detection system will also be installed for early detection and mitigation measures also proposed for the same.
11.	PP to scrupulously follow the requirements of Maharashtra Factories Act, 1948 and rules 1963 as amended from time to time.	We are abiding all the conditions and requirements under different rules and regulation within the plant premises.
12.	The environment statement for each financial year ending on 31 <sup>st</sup> March in Form-V as is mandated to be submitted	The plant is under construction stage and the project will submit the annual environment statement in Form-V each

**Compliance Status of the conditions imposed in granted EC for installation of Sponge Iron Plant of capacity 190 TPD, Captive Power Plant (4 MW WHRB) and 90,000 TPA Iron Ore Beneficiation Plant at Plot no. A1-2, MIDC Konsari, Village Konsari, Taluka Chamorshi, Dist.-Gadchiroli by M/s. Lloyds Metals & Energy Ltd.**

	by the PP to the concerned Pollution Control Board as prescribed under the EP Rule, 1989 as amended from time to time, it shall also be put on the website of the company along with the status of the compliance of the conditions stipulated in the EC letter.	year to MPCB and the copy of same will also be uploaded in the company website.
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### **Site Photographs**

Photo#1: Plant Under Construction



Photo #2: Plantation in the greenbelt area



Photo #2: Plantation in the greenbelt area



Photos #3: Implementation of roof top Solar Power



**Compliance Status of the conditions imposed in granted EC for installation of Sponge Iron Plant of capacity 190 TPD, Captive Power Plant (4 MW WHRB) and 90,000 TPA Iron Ore Beneficiation Plant at Plot no. A1-2, MIDC Konsari, Village Konsari, Taluka Chamorshi, Dist.-Gadchiroli by M/s. Lloyds Metals & Energy Ltd.**

Photos #4: Drains for Storm Water



Photo #5: Use of PPEs by the Employees







## LLOYDS METALS AND ENERGY LIMITED

Site Office: Village: Konsari, NH 353C (Ashti Gadchiroli Road), 10km from Ashti, Dist: Gadchiroli Maharashtra- 442707  
www.lloyds.in CIN: 140300MH1977PLC019594 investor@lloyds.in

**Ref. No.:** KONSARI/WL/2023/17

**Date:** 17.03.2023

**The Sub – DFO (Wildlife)**

Allapali Forest Division

Allapali, Gadchiroli, Maharashtra

**Sub:** Submission of Wildlife Management Plan of Konsari Plant of Lloyds Metals and Energy Ltd. located at Konsari, Ashti, Chamorshi Tahsil, Gadchiroli Dist., Maharashtra

**Ref.:** 1. MoEF&CC ToR letter vide no. J-11011/465/2022-IA-II(I) dt. 27.01.2023  
2. EC letter issued by MoEF&CC vide EC identification no. EC22B008MH126424 dt. 29/08/2022

Sir,

In compliance to condition (iv/B of TOR) stipulated by MoEF&CC vide ToR letter no. J-11011/465/2022-IA-II(I) dt. 27.01.2023 and further SEAC condition no. 4 of the granted EC by MoEF&CC (issued by MoEF&CC), we have prepared the Site Specific Wildlife Management Plan for Konsari Plant by engaging Prof. K. B. Reddy, M. Sc., Ph.D. (Retd.) Professor of Ecology and Biodiversity, Acharya Nagarjuna University and currently a NABET Accredited Functional Area Expert in Ecology & Biodiversity (EB) and Soil Conservation (Category A).

The draft Wildlife Management Plan is submitted herewith for your reference towards finalization of same and its approval. In this regard, an interactive session may be called with our Technical Wildlife Experts.

Thanking You,

Yours faithfully,

**For Lloyds Metals & Energy Ltd.**

  
**Authorized Signatory**



23.03/2023  
आवक/जावक लिपिक

उपनिर्देशक कार्यालय  
(अवधीन) आलापली

PLANTATION PROGRAM				
Name of Plant: Konsari Plant of Lloyds Metals & Energy Ltd., Konsari, MIDC Chamorshi, Gadchiroli, Maharashtra				
Year: 2022-23				
Sl. No.	Name of Location	Nos. of Saplings planted	Name of Saplings	Remarks
1	Project Office, Batching Plant, Kitchen Garden	41	Akrod, Bhuddha Belly, Bamboo, Jack Fruit, Jafra, Chandanya, Champa, Coconut, Oiti, Anjan, Guava	More than 95% Saplings are survived in this plantation period
2	Batching Plant Area	65		
3	DRI Kiln Area, Kitchen Garden	75		
4	Total internal Boundary Line	1100		
	Total internal Boundary Line			
	Parking Area			
5	Batching To Kitchen Garden,	62		
7	Batching Plant to Kitchen Garden Area	20		
8	Office outgate Area, Helipad Area	50		
9	Warehouse Area	231		
10	Batching Plant to Kitchen Garden, Nursury	500		
11	Other Areas like DRI Plant, Project Office etc.	1292		
12	Nursery Area	17		
Total		3453		



**CER Details****Konsari Plant of Lloyds Metals & Energy Ltd.**

The project has already carried different CSR activities to improve the social and physical infrastructure of the local area. The PP have conducted community need assessment surveys around the project site to identify the areas which need development and improvement under CSR activities.

Lloyds Metals & Energy Ltd. is having a full-fledged CSR team to oversee all the CSR activities implementation. So far, PP have spent Rs. 89.50 Lakhs under various heads such as infrastructural development, health facilities, sanitation, employment, women empowerment etc. The details of the same is provided below;

Sl.No.	Activity Details	Cost Approximate
1	stitching Centre for Women in Konsari	200000
2	Sports mini Stadium, Konsari	1000000
3	District Open Marathon	1800000
4	Primary School Compound Wall, Konsari	1000000
5	Outdoor Gym, Konsari	200000
6	Murum Filling Village Road, Konsari	200000
7	2 Person with Disability PWD House cleaning Job Per Month w.e.f. Jan-2023	
8	Financial Assistance Office Maintenance, water electricity For GramPanchayat Konsari per Month w.e.f. Oct-2022	
9	4 Girl Driving Skill training from the month of w.e.f. March-2023	
10	Distribution of Sports Material, All Z P High School	500000
11	Conduct Inter Village Kabaddi Competition	200000
12	Sanjo Convent, Gondpimpri, Sports Ground	1000000
13	Public Premises Meeting place Ashti, Paver Block & Beautification	1000000
14	Celebration of Republic day (26 Jan 2023)	1100000
15	Celebration of Independence Day (15 Aug 2022)	200000
16	Ganpati Puja	200000
17	Diwali Festival	200000
18	Persapen Puja for Adivasi gond shifting	100000
19	Mahatma Jyotiba College, Ashti Science Excitation food for 1000 Nos	50000
20	Financial Assistance local widow women destitute and her kids per month	
<b>Total</b>		<b>8950000</b>











# LLOYDS METALS AND ENERGY LIMITED

Site Office: Village: Konsari, NH 333C (Ashi Gadchiroli Road), 10km from Ashi, Dist: Gadchiroli Maharashtra- 442707  
www.lloyds.in CTN: 140300MH1977FLC019394 Investor@lloyds.in

Ref. No. LLOYDS/MOEF&CC/COMP/.../2022

Dt. 03/09/2022

To,  
Deputy Director General of Forests (C),  
Ministry of Env., Forest and Climate Change,  
Integrated Regional Office, Ground Floor,  
East Wing, New Secretariat Building, Civil Lines,  
Nagpur- 440001.

Sub: Compliance of General Condition no. 1 of granted Environmental Clearance of Konsari Plant of Lloyds Metals & Energy Ltd. - Regarding.

Ref: MoEF&CC Environment Clearance letter issued by SEIAA, Maharashtra vide EC identification no. EC22B008MH126424 dated 29.08.2022.

Dear Sir,

We are herewith submitting the Copies of advertisement in local newspapers i.e. The The Punya Nagari (largest circulated Marathi daily) dated 02/09/2022 and The Hitavada dated 02/09/2022, in compliance to Stipulated Condition of General Condition no. 1 of the above Environmental Clearance granted by MoEF&CC (issued by SEIAA, Maharashtra). The EC letter issued by SEIAA, Maharashtra vide EC identification no. EC22B008MH126424 dated 29.08.2022 for installation of Sponge Iron Plant of capacity 190 TPD, Captive Power Plant (4 MW WHRB) and 90,000 TPA Iron Ore Beneficiation Plant at Plot no. A-1, A-2, MIDC Chamorshi, Village-Konsari, Taluka-Chamorshi, Dist.-Gadchiroli of Lloyds Metals & Energy Ltd.

This is for your kind information, please.

Yours faithfully,

For, M/s. Lloyds Metals & Energy Ltd.

  
Vice President (R&EHQ)



Encl.: Copy of advertisement published in different newspapers.

CC to: The Member Secretary, SEIAA, Environment & Climate Change Dept., Room No. 217, 2<sup>nd</sup> Floor, Mantralaya, Mumbai - 400032



## BRIEF

## Rupee declines 4 paise to 79.56

MUMBAI, Sept 1 (PTI)

THE rupee declined by 4 paise to close at 79.56 against the US dollar on Thursday due to a stronger dollar in the global markets and foreign fund outflows from domestic equities. Crude oil prices dropping to two-week lows and dollar selling by exporters restricted the rupee losses, analysts said.

At the interbank foreign exchange market, the domestic currency opened at 79.55 per dollar.

■ Patanjali Foods is one of the largest palm oil plantation companies in India

## Business Bureau

PATANJALI Foods Limited (formerly known as Ruchi Soya Industries Limited) laid foundation stone for setting up oil palm mill at Industrial Growth Centre, Niglok, District - East Siang, Arunachal Pradesh on August 31, 2022. The foundation stone has been laid by Shradhi Acharya and Tage Taki, Minister of Agriculture, Government of Arunachal Pradesh.

"In State of Arunachal Pradesh, we plan to undertake oil palm plantation on 38,000 hectare area across 9 districts.



We have already established 2 nurseries at Pasighat and Holangi and are in the process of establishing 3 more nurseries in Lower Siang District at Kherram, FTC and Dipa. This will give impetus to State's economy and will bring tremendous employment generation along with increase in local farmers' income," the press release said.

Patanjali Foods has committed itself to Government's NMEO-OP programme and plans to undertake large scale cultivation of oil palm plantation on 5 lakh hectare area in India; out of which 3.2 lakh

hectare area will be in North East region. Patanjali's NE Oil Palm Programme will immensely benefit State's economy for over next 30 years, key benefits include: average annual production of around 7.5 lakh MT palm oil, saving of about Rs 10,500 crore of Forex outgo annually and employment generation for nearly 5.8 lakh persons.

Patanjali Foods is one of the largest palm oil plantation companies in India. "We have access to palm plantation in 55 districts across 11 states, namely Andhra Pradesh, Telangana, Karnataka, Gujarat, Odisha, Tamil Nadu, Chhattisgarh, Arunachal Pradesh, Assam, Mizoram and Tripura. We work with 43,000 farm families and have 60,000 ha area under palm plantation," it added.

## Sensex, Nifty fall over 1%

MUMBAI, Sept 1 (PTI)

BENCHMARK indices Sensex and Nifty took a beating on Thursday and dropped over 1 per cent each, weighed by selling in index major Reliance Industries, IT and banking stocks amid weak global trends.

The BSE Sensex fell 770.48 points or 1.29 per cent to settle at 58,766.59. During the day, it tanked 1,014.5 points or 1.70 per cent to 58,522.57. Similarly, the NSE Nifty declined 216.50 points or 1.22 per cent to close at 17,542.80. From the Sensex pack, Reliance Industries, Tata Consultancy Services, Sun Pharma, Tech Mahindra, Infosys, NTPC, Hindustan Unilever, HDFC, Power Grid, Bajaj Finance and ICICI Bank were among the major losers. In contrast, Bajaj Finserv, Asian Paints, Bharti Airtel, Titan, State Bank of India, Mahindra & Mahindra and IndusInd Bank were gainers.

Elsewhere in Asia, markets in Seoul, Tokyo, Hong Kong and Shanghai ended lower. Stock markets in Europe were trading in the negative zone during mid-session deals. The US markets had ended in the red on Wednesday. Meanwhile, the international oil benchmark Brent crude declined 2 per cent to USD 93.73 per barrel. FII bought shares worth a net Rs 4,165.86 crore on Tuesday as per exchange data. Markets were closed on Wednesday on account of Ganesh Chaturthi.

## Coal stock at electricity generating plants rises to about 30 MT: CIL

NEW DELHI, Sept 1 (PTI)

COAL stocks at power generating plants rose to about 30 million tonnes last month, state-run Coal India said on Thursday, dispelling fears of shortages of dry-fuel during the monsoon season.

The Government has been making all efforts to build up coal stocks to avoid the recurrence of power outages seen during the summer this year. "Coal stock at power plants is close to 30 MTs, including imported coal, ending August 22 (till 29th). This is substantially higher than 12.8 MTs of August '21 when the stock plummeted by 11.2 MTs in a month," Coal India Ltd (CIL) said in a statement. The PSU said that enhanced supply of fuel from CIL helped the stock stabilise at power houses. "Closing stock for the month of August 22 is a six-year high barring 2020 when pandemic fuelled slowdown saw the stock at 37.7 MT," it said.

With a stock of dry-fuel of 31 MT at CIL's pitsheads, around 30 MT stock at power plants, and a little over 10 MT at PSU's sidings, goods sheds, private warehouses, ports, captive plants there is sufficient availability of coal in the system, the maharatna firm said.

Besides, the supply of coal to the power sector also rose to 243.3 million tonnes in the first five months of the current financial year. Coal production by CIL during April-August 2022 also increased by 21 per cent to 253.3 MT, over 209.2 MT in the year-ago period.

"This level of increase was achieved despite increased downpour across all the areas of WCL (Western Coalfields Ltd) and MCL (Maharashtra Coalfields Ltd)," it said.

CIL production last month rose to 46.2 MT, against 42.6 MT in the corresponding month of the previous financial year.

## Gold declines Rs 195; silver drops Rs 863

NEW DELHI, Sept 1 (PTI)

GOLD price in the national capital declined by Rs 195 to Rs 50,723 per 10 grams on Thursday amid a fall in international precious metal prices, according to HDFC Securities.

In the previous trade, the yellow metal had settled at Rs 50,918 per 10 grams. Silver also tumbled by Rs 863 to Rs 52,819 per kg from Rs 53,682 in the previous session. In the international market, gold was quoted lower at USD 1,703 per ounce.

## NAGPUR IMPROVEMENT TRUST

(www.mahatenders.gov.in)

## E-TENDER NOTICE No. 15/2022-23

Sealed Percentage Rate tenders are invited from Registered Contractors with N.I.T./P.W.D./N.M.C. or other Govt. Deptt. or Reputed Agency as per eligibility criteria for Six Development Works. The list along with details of works is uploaded in tender website i.e. www.mahatenders.gov.in

## Schedule of Tender Process :-

Sale of Tender Form	from 02.09.2022 to 05.09.2022 upto 02.09.2022 on 30.09.2022
Receipt/ Submission of Bid	from 02.09.2022 to 05.09.2022 upto 02.09.2022 on 30.09.2022
Prebid meeting for T. No. 03 & 04	On 04.09.2022 at 11.00 AM at the office of Superintending Engineer (H.O), Station Road, Nit Head Office, Sadar, Nagpur.
Opening of Technical Bid	Date 03.10.2022 at 02.00 PM. or as decided by N.I.T.

Note :- The detailed tender notice will be available on tender website www.mahatenders.gov.in, NIT's website www.nitnagpur.org.in and on NIT's official social media pages i.e. Instagram, Facebook & Twitter.

Adv.No.S.E./HQ/31/2022-23  
Dated: 01.09.2022

Superintending Engineer (H.O),  
Nagpur Improvement Trust, Nagpur

## E - TENDER NOTICE

Chandrapur Super Thermal Power Station MAHAGENCO, invites Proposals from reputed and experienced Companies to Participate in the Competitive Bidding Process to following Tenders.

S.N.	Tender No./R/R/ Description/ Estimated Cost in Rs.
01	3000031857 / Procurement of Knife edge gate valve 200NB with power cylinder for the coal mill XRP - 803 for unit 3&4 at CSTPS, Chandrapur/ Rs. 601350/-
02	3000031849 / Annual work contract of Housekeeping of BTG area and Service Building (excluding CHP) at Unit - 8&9, Stage - IV, CSTPS, Chandrapur/ Rs. 1763954.06
03	3000031853 / Work of Replacement of high pressure main steam line, feed line valves, high pressure drain line valve at TM - 1 on as and when requirement basis during start shutdown and AOH of Unit 4/ Rs. 1475086/-
04	3000031866 / Annual maintenance contract of BFPs at U#5, 6 & 7 CSTPS, Chandrapur/ Rs. 6962242.61
05	3000031818 / Work of Cleaning of Jamming Return Idlers for 1600 MM Belt Conveyor system in CHP - B / Rs. 2251096/-
06	3000031817 / Cleaning of various Malha in the premises of Unit 8 & 9 at CSTPS, Chandrapur/ Rs. 649273.55

above listed tender published in MAHAGENCO online Portal. For the detailed Tender document, interested bidders should visit SRM Website https://procurement.mahagenco.in for (Sr.No 1 to 6).

For any query contact No.8554991818.

Sd/-  
CHIEF ENGINEER (O&M)

## OFFICE OF THE DIVISIONAL PROJECT ENGINEER

## PUBLIC WORKS DEPARTMENT, PHILS

## NEAR NEW COLLECTOR OFFICE CIVIL LINE BALAGHAT (M.P.)

PHONE No. 07932-347633 Email - dpephil@balaghatmp.gov.in

Online bids for the following works are invited from registered contractors and firms of repute fulfilling registration criteria

S.No.	Tender Portal No.	District	Estimate No./Contract (Rs. in lakh)	Estimate/Contract (Rs. in lakh)	Cost of Bid Document (Rs. in Rs.)	Category of Contractor	Period of validity (in days)
1	2022_PWPID_218762.1	BALAGHAT	2550.03	2550000.00	5000.00	Engineer/Registered under Chief Architect MPPWD Registration	18
2	2022_PWPID_218770.1	BALAGHAT	4875.98	4875980.00	5000.00	Engineer/Registered under Chief Architect MPPWD Registration	18
3	2022_PWPID_218771.1	BALAGHAT	5792.72	5000000.00	5000.00	Engineer/Registered under Chief Architect MPPWD Registration	18
4	2022_PWPID_218772.1	BALAGHAT	5574.12	5000000.00	5000.00	Engineer/Registered under Chief Architect MPPWD Registration	18

1. All details relating to the Bid Document (s) can be viewed and downloaded free of cost from the website <http://mipdender.gov.in>  
2. Bid Document (s) can be purchased after making online payment of portal fees through Credit/Debit/Cash Card (Internet Banking)  
3. The Bid Document(s) can be purchased only online from 29-08-2022 (time) 09 AM to 12-09-2022 (date) 6 PM (time). Other key dates may be seen in Bid Data Sheet.  
4. Amendment (s) to NIT, if any, shall be published on website only, and not in newspaper.

DIVISIONAL PROJECT ENGINEER  
PWD PHILS BALAGHAT

G16116DCPR

SHIKSHAK SAHAKARI BANK LTD.

(अग्रगण्य धर्म)

Head Office - Gandhisagar, Mahal, Nagpur-440018

## PROPERTY FOR SALE (FOR IMMOVABLE PROPERTY)

Whereas, the under mentioned Immovable Properties are Owned and possessed by Shikshak Sahakari Bank Ltd., Nagpur, The Bank intends to sell the below describe properties by inviting offer in sealed envelope from interested parties.

S.No.	Property Details	Date and Time of Offer Open	Price Fixed by Bank
1.	1) Immovable Property Owned by Shikshak Sahakari Bank Ltd., Nagpur, situated at Plot No. 2332(Old) & 1312 (New) in Industrial Area, Non-Agriculture land for industrial Purpose measuring 2.83 Hrs. Mouza - Jendha, within the limit of Grampanchayat Jendha, on National Highway No.44, Tah & Dist-Nagpur.	Date and Time of Offer Open : 04/10/2022 at 11.30 AM Sale Price Minimum : Rs. 350.00 Lakh Per Acre Date of Submission of Offer : 03/10/2022 before 5.00 p.m.	
2.	2) Immovable Property Owned by Shikshak Sahakari Bank Ltd., Nagpur. Non Agriculture land for Industrial Purpose bearing Kh. No.116-A, P.H.No.78, Khatte No.52, with Class I Rights, Mouza - Dongargarh, Situated at Grampanchayat Dongargarh, Tahsil Nagpur Gramin, Dist. Nagpur. Admeasuring about 1.77 Hrs. along with 190% undivided share in land, on National Highway No.44, Tah & Dist-Nagpur.	Date and Time of Offer Open : 04/10/2022 at 3.00 PM Sale Price Minimum : Rs. 350.00 Lakh Per Acre Date of Submission of Offer : 03/10/2022 before 5.00 p.m.	

The said offer should be accompanied by an Earnest Money as above by way of Pay Order/DTO through Electronic Transfer (IFSC Code for Electronic Transfer: SKSB0000002, A/c No.09915000000394) (Adjustable/Refundable) payable at Nagpur favouring Shikshak Sahakari Bank Ltd., Nagpur. Offers received as above will be opened as per schedule at Head Office Mahal, Nagpur, and the offers will be given sufficient opportunity to improve upon their offers. The offer will be Finalized on the very same day. The successful offer will have to pay 10% of the highest offer amount within two working days by way of D.D./Cheque/Electronic Transfer. The remaining i.e. 90% of the highest offer amount is to be deposited with the bank within 30 days from the date of acceptance of final offer. The undersigned reserves the right to change this 30 day period as also to accept or reject any or all offer without assigning any reasons whatsoever. Interested Parties may contact on following mobile numbers during the office hours.

Shikshak Sahakari Bank Ltd, Nagpur  
M. No. 9822578876, M. No. 9822578875

Place - Nagpur  
Date - 01/09/2022

## WESTERN COALFIELDS LIMITED

(A Subsidiary of Coal India Limited)  
Coal Sales, Civil Lines, Nagpur - 440001, Maharashtra, India. Website - www.westerncoal.in

## NOTICE

"All the tenders issued by CIL and its Subsidiaries for procurement of Goods, Works and Services are available on website of Coal India Limited www.coalindia.in, respective Subsidiary Company (WCL, www.westerncoal.in), CIL e-procurement portal <https://coalindiatenders.nic.in> and Central Public Procurement Portal <https://eprocure.gov.in>. In addition, procurement is also done through GeM Portal <https://gem.gov.in>."

"Give a missed call on toll free number 18002033004 to get our app"

## PUBLIC NOTICE

This is to inform that State Level Environment Impact Assessment Authority (SEIAA) Mumbai Maharashtra, constituted by Ministry of Environment, Forest & Climate Change (MoEF & CC) New Delhi, accorded Environment Clearance for Proposed Installation of Sponge Iron Plant of capacity 190 TPD, Captive Power Plant (4 MW WHRB) and 90,000 TPA Iron ore Beneficiation Plant at Plot No. A-1, A-2, MIDC, Kamsari, Village - Kamsari, Taluka Chamoshi, District-Gadchiroli, Maharashtra Vide EC Identification EC22B008MH126424 (File No. : SIA/ MH/ IND/70624/2018) dated 29/08/2022. Copy of Environment Clearance is available at Office of Regional Office MPCB Chandrapur website of the company i.e. <http://www.lloyds.in> and MoEF&CC website of Government of India i.e. <http://parivesh.nic.in>

Sd/-  
Project Manager

M/s. LLOYDS METALS & ENERGY LIMITED

## CENTRAL RAILWAY

## BHUSAVAL DIVISION

## AUGMENTATION IN FACILITIES FOR DIVYANGAN AND VARIOUS OTHER WORKS

The Divisional Railway Manager (Works), Central Railway, Bhushawal for & on behalf of President of India invites E-Tender from registered Tenderers on website [www.lmpe.gov.in](http://www.lmpe.gov.in) for the following work:

(1) Name of Work : (E-Tender No. DRM W bel 45 2022 13) (Short Name): SR. DEN (East) Bhushawal Jurisdiction - Augmentation in facilities for Divyangans.

(2) Name of Work : (E-Tender No. DRM W bel 45 2022 13) (Short Name): SR. DEN (East) Bhushawal Jurisdiction - Augmentation in facilities for Divyangans.

(3) Name of Work : (E-Tender No. DRM W bel 45 2022 13) (Short Name): SR. DEN (East) Bhushawal Jurisdiction - Augmentation in facilities for Divyangans.

(4) Name of Work : (E-Tender No. DRM W bel 45 2022 13) (Short Name): SR. DEN (East) Bhushawal Jurisdiction - Augmentation in facilities for Divyangans.

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व्यावसायिक एलपीजी  
सिलिंडरच्या  
दरात कपात

आतील पानात

पुण्य नगरी

SMART

गडचिरोली

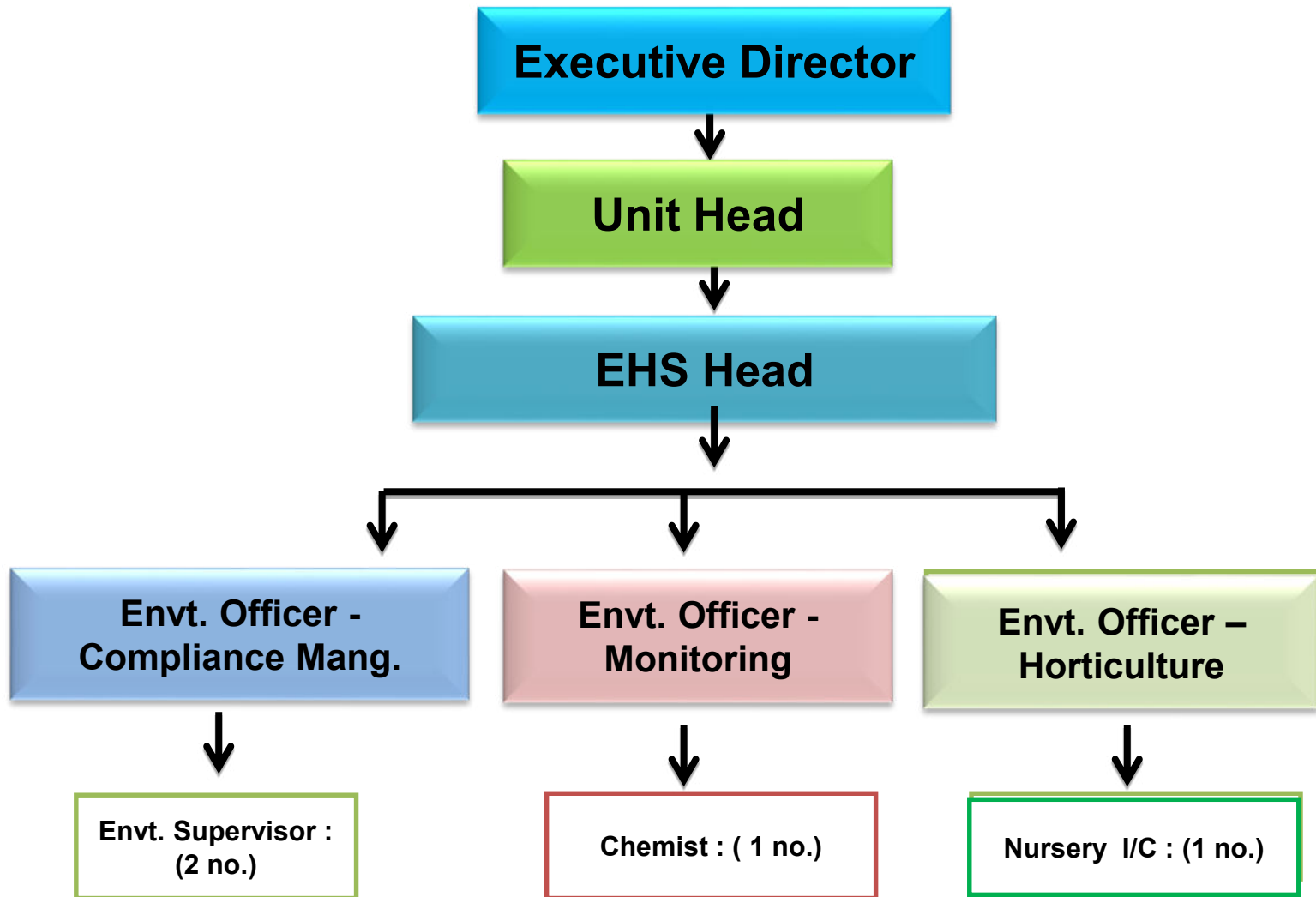
शुक्रवार, २ सप्टेंबर २०२२

जिल्ह्यात ८ वाढित तर १४ कोरोनामुक्त

गडचिरोली : जिल्ह्यात ३१० कोरोना तपासण्यांपैकी नवीन कोरोना बाधितांची संख्या ६ असून कोरोनामुक्तांची संख्या १४ आहे. जिल्ह्यातील आतापर्यंत बाधित ३८१६९ पैकी कोरोनामुक्त झालेली संख्या ३७३३५ आहे. तसेच सक्रिय कोरोनाबाधितांची संख्या ५७ झाली आहे. आतापर्यंत जिल्ह्यात एकूण ७७७ जणांचा मृत्यू कोरोनामुळे झाल्याची नोंद आहे. जिल्ह्यातील कोरोना रुग्ण वरे होण्याचे प्रमाण १७.८९ टक्के, सक्रिय रुग्णांचे प्रमाण ०.१५ टक्के तर मृत्यू दर २.०४ टक्के झाला आहे. नवीन बाधितामध्ये धानोरा तालुक्यातील ४, कोरदी तालुक्यातील १, वडसा तालुक्यातील १ जणांचा समावेश आहे.

PAGE - 3

PARIVESH		ENVIRONMENTAL CLEARANCE
Government of India Ministry of Environment, Forest and Climate Change (Issued by the State Environment Impact Assessment Authority (SEIAA), Maharashtra)		
To,	The Vice President M/S. LLOYDS METALS AND ENERGY LIMITED At MIDC Kotsari, Village : Kotsari, Tahsil : Chamoshi, Dist Gadchiroli, Maharashtra - 442603	
Subject :	Grant of Environmental Clearance (EC) to the proposed Project Activity under the provision of EIA Notification 2006 - regarding Sir/Madam.	
This is in reference to your application for Environmental Clearance (EC) in respect of project submitted to the SEIAA vide proposal number SIA/MH/IND/70624/2018 dated 03 Jan 2022. The particulars of the environmental clearance granted to the project are as below.		
1. EC identification No.	EC22B008MH126424	
2. File No.	SIA/MH/IND/70624/2018	
3. Project Type	New	
4. Category	B1	
5. Project / Activity including Schedule No.	3(a) Metallurgical industries (ferrous & non ferrous Installation of Sponge Iron Plant of capacity 190 TPD, Captive Power Plant (4) MW	
6. Name of Project	WHRB) and 90,000 TPA iron ore Beneficiation Plant	
7. Name of Company/Organization	M/S. LLOYDS METALS AND ENERGY LIMITED	
8. Location of Project	Maharashtra	
9. TOR Date	03 Apr 2018	
The project details along with terms and conditions are appended herewith from page no 2 onwards		
Date :	29/08/2022	
(e-signed) Manisha Patankar Bhaiskar Member Secretary SEIAA (Maharashtra)		
Note : A valid environmental clearance shall be one that has EC identification number & E-Sign generated from PARIVESH. Please quote identification number in all future correspondence. This is a computer generated cover page		
सार्वजनिक सूचना		
यह सूचित किया जाता है की, पर्यावरण, वन और जलवायु परिवर्तन मंत्रालय (MOEF&CC) न्यू दिल्ली द्वारा गठित राज्य स्तरीय पर्यावरण प्रभाव आकलन प्राधिकरण SEIA मुंबई महाराष्ट्र ने 190 क्षमता के प्लॉट स्पन्स आयरन रेट की प्रस्तावित स्थापना के लिये पर्यावरण मंजूरी प्रदान की है. TPD Captive Power Plant (4MW WHRB) और 90000 TPA आयरन तथा वेनोसिफेशन प्लॉट प्लॉट नं. A-1, A-2 एस आय डी सी कोनसरी गांव-कोनसरी ता. चामोशी जि. गडचिरोली (महाराष्ट्र) जिसकी पहचान संख्या EC22B008MH126424 (File No-SIA/MH/IND/70624/2018 दि. 29/8/2029 को पर्यावरण मंजूरी की प्रति क्षेत्रीय कार्यालय MPCB चंद्रपूर कम्पनी की वेबसाईट <a href="http://www.lloyds.in">http://www.lloyds.in</a> और भारत सरकार की MOEF&CC वेबसाईट <a href="http://parivesh.nic.in">http://parivesh.nic.in</a> पर उपलब्ध है.		
स्वाक्षरित s/d प्रकल्प व्यवस्थापक एम/एस लॉयड्स मेटल्स अन्ड एनारजी लिमिटेड		





### TEST REPORT

1 of 2

Date: 10.06.2022

**Name of the Customer:**

M/s. Lloyds Metals & Energy Ltd.,  
Konsari (Village) – Chamorshi, (Taluka),  
District – Gadchiroli, Maharashtra.

Test Report No : SAS/W-WW/06/22 – 671  
Sample particulars : Project Site  
Sample quantity : 2 Liters  
Collected by / date : SAS / 12.04.2022  
Sample Registration date : 14.04.2022  
Analysis Commenced on : 14.04.2022  
Analysis Completed on : 22.04.2022  
Sub Contract Testing : NA

S. No	Parameter	Unit	Method	Result	IS 10,500 Limits	
					Acceptable	Permissible
1	pH	--	APHA 23rd Edition; 4500 H <sup>+</sup> B	7.42	6.5-8.5	No Relaxation
2	Turbidity	NTU	APHA 23rd Edition; 2130 B	<1.00	1.0	5.0
3	Conductivity	μMh o/ Cm	APHA 23rd Edition; 2510 B	602.1	--	--
4	Total Dissolved Solids	mg/L	APHA 23rd Edition; 2540 C	388.35	500.0	2000.0
5	Color	CU	APHA 23rd Edition; 2120 B	<1.0	5.0	15.0
6	Odor	--	--	Agreeable	Agreeable	Agreeable
7	P-Alkalinity as CaCO <sub>3</sub>	mg/L	APHA 23rd <sup>1</sup> Edition; 2320 B	<10.0	--	--
8	Alkalinity as CaCO <sub>3</sub>	mg/L	APHA 23rd <sup>1</sup> Edition; 2320 B	80	200.0	600.0
9	Total Hardness as CaCO <sub>3</sub>	mg/L	APHA 23rd Edition; 2340 C	96	200.0	600.0
10	Calcium as Ca	mg/L	APHA 23rd Edition; 3500 Ca B	22.4	75.0	200.0
11	Magnesium as Mg	mg/L	APHA 23rd Edition; 3500 Mg B	9.7	30.0	100.0
12	Sodium as Na	mg/L	APHA 23rd Edition; 3500 Na B	94.2	--	--
13	Potassium as K	mg/L	APHA 23rd Edition; 3500 K B	0.32	--	--
14	Chlorides as Cl <sup>-</sup>	mg/L	APHA 23rd Edition; 4500 Cl <sup>-</sup> B	47.9	250.0	1000.0
15	Sulphates as SO <sub>4</sub> <sup>-2</sup>	mg/L	APHA 23rd Edition; 4500 SO <sub>4</sub> <sup>-2</sup> E	98.1	200.0	400.0
16	Nitrate Nitrogen as N	mg/L	APHA 23rd Edition; 4500 NO <sub>3</sub> <sup>-</sup> B	0.32	45.0	No Relaxation
17	Fluorides as F <sup>-</sup>	mg/L	APHA 23rd Edition; 4500 F <sup>-</sup> D	0.70	1.0	1.5
18	Iron as Fe	mg/L	APHA 23rd Edition; 3500 Fe B	< 0.1	0.3	No Relaxation



### TEST REPORT

2 of 2

Report No : SAS/W-WW/06/22 -671

S. No	Parameter	Unit	Method	Result	IS 10,500 Limits	
					Acceptable	Permissible
19	Manganese as Mn	mg/L	APHA 23rd Edition; 3500 Mn B	< 0.01	0.1	0.3
20	Phenolic Compounds as Phenols	mg/L	APHA 23rd Edition; 5530 D	< 0.001	0.001	0.002
21	Hexavalent Chromium as Cr+6	mg/L	APHA 23rd Edition, 2012; 3500 Cr B	< 0.01	0.05	No Relaxation
22	Residual Chlorine as Cl	mg/L	APHA 23rd Edition; 4500 Cl B	< 0.01	0.2	1.0
23	Total Cyanide	mg/L	APHA 23rd Edition; 4500 CN- C, E	< 0.01	0.05	No Relaxation
24	Copper as Cu	mg/L	APHA 23rd Edition; 3111 B	< 0.01	0.05	1.50
25	Cadmium Cd	mg/L	APHA 23rd Edition; 3111 B	< 0.001	0.003	No Relaxation
26	Zinc as Zn	mg/L	APHA 23rd Edition; 3111 B	< 0.5	5.0	15.0
27	Lead as Pb	mg/L	APHA 23rd Edition; 3111 B	< 0.001	0.01	No Relaxation
28	Mineral Oil	mg/L	APHA 23rd Edition; 5520 B	< 0.001	0.5	No Relaxation
29	Mercury	mg/L	Instrument Manual Method	< 0.001	0.001	No Relaxation
30	Silver as Ag	mg/L	Instrument Manual Method	< 0.5	0.1	No Relaxation
31	Selenium as Se	mg/L	APHA 23rd Edition; 3111 D	< 0.05	0.01	No Relaxation
32	Total Coliform	MPN/100 ml	APHA 23rd Edition 9221 B	Absent	Not Specified	Shall not be detectable in any 100 ml sample
33	E-Coli	MPN/100 ml	APHA 23rd Edition 9221 B	Absent	Not Specified	
19	Manganese as Mn	mg/L	APHA 23rd Edition; 3500 Mn B	< 0.01	0.1	0.3
20	Phenolic Compounds as Phenols	mg/L	APHA 23rd Edition; 5530 D	< 0.001	0.001	0.002

Opinion and interpretation: Nil

NA: Not Applicable

1. Reports pertained only to the submitted sample.
2. Test reports shall not be reproduced except in full, without written approval of the laboratory

-- End of the report --

Checked by  
Sekhar.P  
Sr. Chemist

Authorized Signatory  
T. Krishna Chaitanya  
Manager-Laboratory

### TEST REPORT

1 of 2  
Date: 10.06.2022

**Name of the Customer:**

M/s. Lloyds Metals & Energy Ltd.,  
Konsari (Village) – Chamorshi, (Taluka),  
District – Gadchiroli, Maharashtra.

**Test Report No** : SAS/W-WW/06/22 – 672  
**Sample particulars** : Jairampur  
**Sample quantity** : 2 Liters  
**Collected by / date** : SAS / 12.04.2022  
**Sample Registration date** : 14.04.2022  
**Analysis Commenced on** : 14.04.2022  
**Analysis Completed on** : 22.04.2022  
**Sub Contract Testing** : NA

S. No	Parameter	Unit	Method	Result	IS 10,500 Limits	
					Acceptable	Permissible
1	pH	--	APHA 23rd Edition; 4500 H <sup>+</sup> B	7.38	6.5-8.5	No Relaxation
2	Turbidity	NTU	APHA 23rd Edition; 2130 B	<1.00	1.0	5.0
3	Conductivity	μMh o/ Cm	APHA 23rd Edition; 2510 B	721	--	--
4	Total Dissolved Solids	mg/L	APHA 23rd Edition; 2540 C	455	500.0	2000.0
5	Color	CU	APHA 23rd Edition; 2120 B	<1.0	5.0	15.0
6	Odor	--	--	Agreeable	Agreeable	Agreeable
7	P-Alkalinity as CaCO <sub>3</sub>	mg/L	APHA 23rd <sup>1</sup> Edition; 2320 B	<10.0	--	--
8	Alkalinity as CaCO <sub>3</sub>	mg/L	APHA 23rd <sup>1</sup> Edition; 2320 B	184	200.0	600.0
9	Total Hardness as CaCO <sub>3</sub>	mg/L	APHA 23rd Edition; 2340 C	248	200.0	600.0
10	Calcium as Ca	mg/L	APHA 23rd Edition; 3500 Ca B	56.0	75.0	200.0
11	Magnesium as Mg	mg/L	APHA 23rd Edition; 3500 Mg B	26.2	30.0	100.0
12	Sodium as Na	mg/L	APHA 23rd Edition; 3500 Na B	16.4	--	--
13	Potassium as K	mg/L	APHA 23rd Edition; 3500 K B	1.9	--	--
14	Chlorides as Cl <sup>-</sup>	mg/L	APHA 23rd Edition; 4500 Cl <sup>-</sup> B	63.9	250.0	1000.0
15	Sulphates as SO <sub>4</sub> <sup>-2</sup>	mg/L	APHA 23rd Edition; 4500 SO <sub>4</sub> <sup>-2</sup> E	44.6	200.0	400.0
16	Nitrate Nitrogen as N	mg/L	APHA 23rd Edition; 4500 NO <sub>3</sub> <sup>-</sup> B	1.9	45.0	No Relaxation
17	Fluorides as F <sup>-</sup>	mg/L	APHA 23rd Edition; 4500 F <sup>-</sup> D	0.72	1.0	1.5
18	Iron as Fe	mg/L	APHA 23rd Edition; 3500 Fe B	< 0.1	0.3	No Relaxation



### TEST REPORT

2 of 2

Report No : SAS/W-WW/06/22 -672

S. No	Parameter	Unit	Method	Result	IS 10,500 Limits	
					Acceptable	Permissible
19	Manganese as Mn	mg/L	APHA 23rd Edition; 3500 Mn B	< 0.01	0.1	0.3
20	Phenolic Compounds as Phenols	mg/L	APHA 23rd Edition; 5530 D	< 0.001	0.001	0.002
21	Hexavalent Chromium as Cr+6	mg/L	APHA 23rd Edition, 2012; 3500 Cr B	< 0.01	0.05	No Relaxation
22	Residual Chlorine as Cl	mg/L	APHA 23rd Edition; 4500 Cl B	< 0.01	0.2	1.0
23	Total Cyanide	mg/L	APHA 23rd Edition; 4500 CN <sup>-</sup> C, E	< 0.01	0.05	No Relaxation
24	Copper as Cu	mg/L	APHA 23rd Edition; 3111 B	< 0.01	0.05	1.50
25	Cadmium Cd	mg/L	APHA 23rd Edition; 3111 B	< 0.001	0.003	No Relaxation
26	Zinc as Zn	mg/L	APHA 23rd Edition; 3111 B	< 0.5	5.0	15.0
27	Lead as Pb	mg/L	APHA 23rd Edition; 3111 B	< 0.001	0.01	No Relaxation
28	Mineral Oil	mg/L	APHA 23rd Edition; 5520 B	< 0.001	0.5	No Relaxation
29	Mercury	mg/L	Instrument Manual Method	< 0.001	0.001	No Relaxation
30	Silver as Ag	mg/L	Instrument Manual Method	< 0.5	0.1	No Relaxation
31	Selenium as Se	mg/L	APHA 23rd Edition; 3111 D	< 0.05	0.01	No Relaxation
32	Total Coliform	MPN/100 ml	APHA 23rd Edition 9221 B	Absent	Not Specified	Shall not be detectable in any 100 ml sample
33	E-Coli	MPN/100 ml	APHA 23rd Edition 9221 B	Absent	Not Specified	
19	Manganese as Mn	mg/L	APHA 23rd Edition; 3500 Mn B	< 0.01	0.1	0.3
20	Phenolic Compounds as Phenols	mg/L	APHA 23rd Edition; 5530 D	< 0.001	0.001	0.002

Opinion and interpretation: Nil

NA: Not Applicable

1. Reports pertained only to the submitted sample.
2. Test reports shall not be reproduced except in full, without written approval of the laboratory.

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Checked by  
Sekhar.P  
Sr. Chemist

Authorized Signatory  
T. Krishna Chaitanya  
Manager-Laboratory

### TEST REPORT

Date: 10.06.2022

#### Name of the Customer:

M/s. Lloyds Metals & Energy Ltd.,  
Konsari (Village) – Chamorshi, (Taluka),  
District – Gadchiroli, Maharashtra.

Test Report No : SAS/W-WW/06/22 – 674

Sample particulars : Mudholi  
Sample quantity : 2 Liters  
Collected by / date : SAS / 12.04.2022  
Sample Registration date : 14.04.2022  
Analysis Commenced on : 14.04.2022  
Analysis Completed on : 22.04.2022  
Sub Contract Testing : NA

S. No	Parameter	Unit	Method	Result	IS 10,500 Limits	
					Acceptable	Permissible
1	pH	--	APHA 23rd Edition; 4500 H <sup>+</sup> B	7.22	6.5-8.5	No Relaxation
2	Turbidity	NTU	APHA 23rd Edition; 2130 B	<1.00	1.0	5.0
3	Conductivity	μMh o/ Cm	APHA 23rd Edition; 2510 B	1144	--	--
4	Total Dissolved Solids	mg/L	APHA 23rd Edition; 2540 C	786	500.0	2000.0
5	Color	CU	APHA 23rd Edition; 2120 B	<1.0	5.0	15.0
6	Odor	--	--	Agreeable	Agreeable	Agreeable
7	P-Alkalinity as CaCO <sub>3</sub>	mg/L	APHA 23rd <sup>1</sup> Edition; 2320 B	<10.0	--	--
8	Alkalinity as CaCO <sub>3</sub>	mg/L	APHA 23rd <sup>1</sup> Edition; 2320 B	256	200.0	600.0
9	Total Hardness as CaCO <sub>3</sub>	mg/L	APHA 23rd Edition; 2340 C	312	200.0	600.0
10	Calcium as Ca	mg/L	APHA 23rd Edition; 3500 Ca B	81.7	75.0	200.0
11	Magnesium as Mg	mg/L	APHA 23rd Edition; 3500 Mg B	32.5	30.0	100.0
12	Sodium as Na	mg/L	APHA 23rd Edition; 3500 Na B	62.8	--	--
13	Potassium as K	mg/L	APHA 23rd Edition; 3500 K B	1.92	--	--
14	Chlorides as Cl <sup>-</sup>	mg/L	APHA 23rd Edition; 4500 Cl <sup>-</sup> B	148	250.0	1000.0
15	Sulphates as SO <sub>4</sub> <sup>-2</sup>	mg/L	APHA 23rd Edition; 4500 SO <sub>4</sub> <sup>-2</sup> E	45.1	200.0	400.0
16	Nitrate Nitrogen as N	mg/L	APHA 23rd Edition; 4500 NO <sub>3</sub> <sup>-</sup> B	3.3	45.0	No Relaxation
17	Fluorides as F <sup>-</sup>	mg/L	APHA 23rd Edition; 4500 F <sup>-</sup> D	0.68	1.0	1.5
18	Iron as Fe	mg/L	APHA 23rd Edition; 3500 Fe B	< 0.1	0.3	No Relaxation



### TEST REPORT

2 of 2

Report No :SAS/W-WW/06/22 -674

S. No	Parameter	Unit	Method	Result	IS 10,500 Limits	
					Acceptable	Permissible
19	Manganese as Mn	mg/L	APHA 23rd Edition; 3500 Mn B	< 0.01	0.1	0.3
20	Phenolic Compounds as Phenols	mg/L	APHA 23rd Edition; 5530 D	< 0.001	0.001	0.002
21	Hexavalent Chromium as Cr+6	mg/L	APHA 23rd Edition, 2012; 3500 Cr B	< 0.01	0.05	No Relaxation
22	Residual Chlorine as Cl	mg/L	APHA 23rd Edition; 4500 Cl B	< 0.01	0.2	1.0
23	Total Cyanide	mg/L	APHA 23rd Edition; 4500 CN <sup>-</sup> C, E	< 0.01	0.05	No Relaxation
24	Copper as Cu	mg/L	APHA 23rd Edition; 3111 B	< 0.01	0.05	1.50
25	Cadmium Cd	mg/L	APHA 23rd Edition; 3111 B	< 0.001	0.003	No Relaxation
26	Zinc as Zn	mg/L	APHA 23rd Edition; 3111 B	< 0.5	5.0	15.0
27	Lead as Pb	mg/L	APHA 23rd Edition; 3111 B	< 0.001	0.01	No Relaxation
28	Mineral Oil	mg/L	APHA 23rd Edition; 5520 B	< 0.001	0.5	No Relaxation
29	Mercury	mg/L	Instrument Manual Method	< 0.001	0.001	No Relaxation
30	Silver as Ag	mg/L	Instrument Manual Method	< 0.5	0.1	No Relaxation
31	Selenium as Se	mg/L	APHA 23rd Edition; 3111 D	< 0.05	0.01	No Relaxation
32	Total Coliform	MPN/100 ml	APHA 23 <sup>rd</sup> Edition 9221 B	Absent	Not Specified	Shall not be detectable in any 100 ml sample
33	E-Coli	MPN/100 ml	APHA 23 <sup>rd</sup> Edition 9221 B	Absent	Not Specified	
19	Manganese as Mn	mg/L	APHA 23rd Edition; 3500 Mn B	< 0.01	0.1	0.3
20	Phenolic Compounds as Phenols	mg/L	APHA 23rd Edition; 5530 D	< 0.001	0.001	0.002

Opinion and interpretation: Nil

NA: Not Applicable

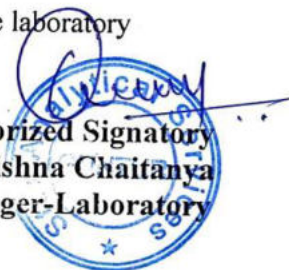
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Checked by  
Sekhar.P  
Sr. Chemist

Authorized Signatory  
T. Krishna Chaitanya  
Manager-Laboratory





### TEST REPORT

1 of 2

Date: 10.06.2022

#### Name of the Customer:

M/s. Lloyds Metals & Energy Ltd.,  
Konsari (Village) – Chamorshi, (Taluka),  
District – Gadchiroli, Maharashtra.

**Test Report No** : SAS/W-WW/06/22 – 677  
**Sample particulars** : Umri  
**Sample quantity** : 2 Liters  
**Collected by / date** : SAS / 12.04.2022  
**Sample Registration date** : 14.04.2022  
**Analysis Commenced on** : 14.04.2022  
**Analysis Completed on** : 22.04.2022  
**Sub Contract Testing** : NA

S. No	Parameter	Unit	Method	Result	IS 10,500 Limits	
					Acceptable	Permissible
1	pH	--	APHA 23rd Edition; 4500 H <sup>+</sup> B	6.78	6.5-8.5	No Relaxation
2	Turbidity	NTU	APHA 23rd Edition; 2130 B	<1.00	1.0	5.0
3	Conductivity	μMh o/ Cm	APHA 23rd Edition; 2510 B	548	--	--
4	Total Dissolved Solids	mg/L	APHA 23rd Edition; 2540 C	353.85	500.0	2000.0
5	Color	CU	APHA 23rd Edition; 2120 B	<1.0	5.0	15.0
6	Odor	--	--	Agreeable	Agreeable	Agreeable
7	P-Alkalinity as CaCO <sub>3</sub>	mg/L	APHA 23rd <sup>t</sup> Edition; 2320 B	<10.0	--	--
8	Alkalinity as CaCO <sub>3</sub>	mg/L	APHA 23rd <sup>t</sup> Edition; 2320 B	72	200.0	600.0
9	Total Hardness as CaCO <sub>3</sub>	mg/L	APHA 23rd Edition; 2340 C	88	200.0	600.0
10	Calcium as Ca	mg/L	APHA 23rd Edition; 3500 Ca B	19.2	75.0	200.0
11	Magnesium as Mg	mg/L	APHA 23rd Edition; 3500 Mg B	9.7	30.0	100.0
12	Sodium as Na	mg/L	APHA 23rd Edition; 3500 Na B	85.9	--	--
13	Potassium as K	mg/L	APHA 23rd Edition; 3500 K B	0.29	--	--
14	Chlorides as Cl <sup>-</sup>	mg/L	APHA 23rd Edition; 4500 Cl <sup>-</sup> B	41.9	250.0	1000.0
15	Sulphates as SO <sub>4</sub> <sup>-2</sup>	mg/L	APHA 23rd Edition; 4500 SO <sub>4</sub> <sup>-2</sup> E	99.0	200.0	400.0
16	Nitrate Nitrogen as N	mg/L	APHA 23rd Edition; 4500 NO <sub>3</sub> <sup>-</sup> B	0.29	45.0	No Relaxation
17	Fluorides as F <sup>-</sup>	mg/L	APHA 23rd Edition; 4500 F <sup>-</sup> D	0.64	1.0	1.5
18	Iron as Fe	mg/L	APHA 23rd Edition; 3500 Fe B	< 0.1	0.3	No Relaxation



### TEST REPORT

Report No

:SAS/W-WW/06/22 -677

S. No	Parameter	Unit	Method	Result	IS 10,500 Limits	
					Acceptable	Permissible
19	Manganese as Mn	mg/L	APHA 23rd Edition; 3500 Mn B	< 0.01	0.1	0.3
20	Phenolic Compounds as Phenols	mg/L	APHA 23rd Edition; 5530 D	< 0.001	0.001	0.002
21	Hexavalent Chromium as Cr+6	mg/L	APHA 23rd Edition, 2012; 3500 Cr B	< 0.01	0.05	No Relaxation
22	Residual Chlorine as Cl	mg/L	APHA 23rd Edition; 4500 Cl B	< 0.01	0.2	1.0
23	Total Cyanide	mg/L	APHA 23rd Edition; 4500 CN C, E	< 0.01	0.05	No Relaxation
24	Copper as Cu	mg/L	APHA 23rd Edition; 3111 B	< 0.01	0.05	1.50
25	Cadmium Cd	mg/L	APHA 23rd Edition; 3111 B	< 0.001	0.003	No Relaxation
26	Zinc as Zn	mg/L	APHA 23rd Edition; 3111 B	< 0.5	5.0	15.0
27	Lead as Pb	mg/L	APHA 23rd Edition; 3111 B	< 0.001	0.01	No Relaxation
28	Mineral Oil	mg/L	APHA 23rd Edition; 5520 B	< 0.001	0.5	No Relaxation
29	Mercury	mg/L	Instrument Manual Method	< 0.001	0.001	No Relaxation
30	Silver as Ag	mg/L	Instrument Manual Method	< 0.5	0.1	No Relaxation
31	Selenium as Se	mg/L	APHA 23rd Edition; 3111 D	< 0.05	0.01	No Relaxation
32	Total Coliform	MPN/10 0ml	APHA 23rd Edition 9221 B	Absent	Not Specified	Shall not be detectable in any 100 ml sample
33	E-Coli	MPN/10 0ml	APHA 23rd Edition 9221 B	Absent	Not Specified	
19	Manganese as Mn	mg/L	APHA 23rd Edition; 3500 Mn B	< 0.01	0.1	0.3
20	Phenolic Compounds as Phenols	mg/L	APHA 23rd Edition; 5530 D	< 0.001	0.001	0.002

Opinion and interpretation: Nil

NA: Not Applicable

1. Reports pertained only to the submitted sample.

2. Test reports shall not be reproduced except in full, without written approval of the laboratory

-- End of the report --

Checked by  
Sekhar.P  
Sr. Chemist

Authorized Signatory  
T. Krishna Chaitanya  
Manager-Laboratory

## TEST REPORT

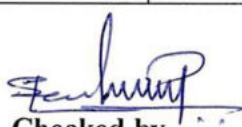
Date: 10.06.2022

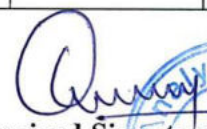
Name of the Customer : M/s. Lloyds Metals & Energy Limited,  
Address : Konsari (V),Chamorshi (T)Gadchiroli (D.t)  
Maharasta- 442707.

Date of Monitoring : 15-16.04.2022  
Report Number : SAS/Noise/2022-410  
Sample Particulars : Noise Level Monitoring

S.No	Name of the Location	Representation	Category of Area/zone	Day Time In Leq dB (A)	Night Time In Leq dB (A)	CPCB AAQ standards in respect of Noise (Day time)	CPCB AAQ standards in respect of Noise (Night time)
1.	Project site	N1	Industrial area	60.5	54.2	75dB (A)	70dB (A)
2.	Somanapalli	N2	Residential Area	51.1	40.5	55dB (A)	45dB (A)
3.	Dharampur	N3	Residential Area	50.6	43.8	55dB (A)	45dB (A)
4.	Ramkrishnapur	N4	Commercial Area	52.1	42.5	55dB (A)	45dB (A)
5	Raipur	N5	Residential Area	50.4	44.3	55dB (A)	45dB (A)
6	Jairampur	N6	Area	49.6	40.1	55dB (A)	45dB (A)
7	Rampur	N7	Residential Area	49.2	42.9	55dB (A)	45dB (A)
8	Umri	N8	Commercial Area	57.3	51.6	65dB (A)	55dB (A)
9	Adyala	N9	Residential Area	53.1	44.2	55dB (A)	45dB (A)
10	Asthi	N10	Residential Area	52.9	43.7	55dB (A)	45dB (A)

--End of the Report--

  
Checked by  
P.Sekhar  
Sr. Chemist

  
Authorized Signatory  
T.Krishna Chaitanya  
Manager-Laboratory

