



LLOYDS METALS AND ENERGY LIMITED

Plot No. A-1 MIDC Chamorshi (Konsari) Industrial Area, Village - Konsari, Taluka - Chamorshi, Dist. - Gadchiroli, Maharashtra - 442707
www.lloyds.in CIN: L40300MH1977PLC019594 investor@lloyds.in

Ref.: LMEL/MoEF&CC/P-I_EC-Comp/2023-24/01

Date: 28/11/2023

To,

**The Deputy Director General of Forests (C),
Ministry of Environment, 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 Apr. 2023 to Sept. 2023 - Regarding.

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

Dear Sir,

This is 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 Apr. 2023 to Sept. 2023.

This is for your kind information, please.

Yours faithfully,

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

Authorized Signatory

- CC to:** 1. The Member Secretary, SEIAA, Environment & Climate Change Dept., Room No. 217, 2nd Floor, Mantralaya, Mumbai – 400032.
2. The Regional Officer, Maharashtra Pollution Control Board, Regional Office, 1st Floor, Udyog Bhavan, Chandrapur -442401.

Compliance status for the period Apr-2023 to Sept-2023 toward stipulated EC conditions granted vide EC Identification No. -EC22B008MH126424, File No. - SIA/MH/IND/70624/2018; Dtd. 29/08/2022 for the 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-1-2, MIDC Konsari, Village Konsari, Taluka Chamorshi, Dist. Gadchiroli by M/s. Lloyds Metals & Energy Limited.

Sr. No.	EC Conditions	Compliance Status
<u>Specific Conditions</u>		
SEAC Conditions:		
1	PP proposes to install waste heat recovery based power plant of capacity 4 MW at site.	<p style="text-align: center;">Complied</p> <p>[We have installed 4MW-WHRB, the Provisional Order received from Directorate of Steam Boilers on Dtd. 21.09.2023.]</p> <p style="text-align: center;">Please refer Annexure-1</p>
2	PP to provide Zero Liquid Discharge Effluent Treatment Plant.	<p style="text-align: center;">Complied</p> <p>[We have provided ZLD and treated waste water have been utilized for dust suppression on internal paved roads & plantation purposes.]</p> <p style="text-align: center;">Please refer Annexure-2</p>
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.	<p style="text-align: center;">Not Applicable</p> <p>[We have not installed Iron Ore Beneficiation plant and Dolchar has not generated as plant was under commissioning during the reporting period.]</p>
4	PP to carry out detailed bio diversity survey and if any schedule-1 species are observed; PP to prepare wild life conservation plan and submit approved copy of the same.	<p style="text-align: center;">Complied</p> <p>[We have prepared and submitted the site-specific Wildlife Conservation Plan, the same have been approved by the Chief Conservator of Forest (Wildlife), Govt. of Maharashtra.]</p> <p style="text-align: center;">Please refer Annexure-3</p>
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	<p style="text-align: center;">Complied</p> <p>[We have done Plantation with the native and indigenous plant species to achieve 33% of Green-belt within the premises. Regular watering is being carried in the plantation areas.]</p> <p style="text-align: center;">Please refer Annexure-4</p>
6	PP to ensure to utilize entire CER fund before commissioning of the manufacturing activity in consultation with the District Collector.	<p style="text-align: center;">Complied</p> <p>[We have been performing the CER activities and entire CER fund is being utilized as per declared 3-Years Phase]</p> <p style="text-align: center;">Please refer Annexure-5</p>
7	PP to complete rain water harvesting facility before commissioning of the manufacturing activity.	<p style="text-align: center;">Complied</p> <p>[We have constructed Storm water drains; which has further connected to</p>

		RWH Pond and recharged to the ground water trough boreholes] Please refer Annexure-6
8	PP to provide sliding gate at entry and exit to achieve maximum turning radius of vehicle entering the site.	Complied [We have provided all the entry & exit with the sliding gate] Please refer Annexure-7
9	PP to submit copies of MoU executed with the cement plants/ brick manufacturers to reuse/dispose fly ash generated at site.	Complied [We have done the MoU with Brick manufacturers for dispose of fly ash generated at site & there is no such generation during the reporting period] Please refer Annexure-8
SEIAA Conditions:		
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.	Agreed [We have carried out the plantation inside the plant premises as per MIDC approved area covering the 33% of the plant area] (Please refer Annexure-4)
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 25th June, 2019. The said plantation to be completed in the first year of operation of Environment Clearance under expert guidance of Miyawaki Experts / arborist.	Complied [We have carried Miyawaki plantation with the native and indigenous plant species as per the Forest Dept., GoM] Please refer Annexure-4
3	PP to strictly observe the Solid Waste management rules, 2016 as amended time to time.	Agreed [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.	Agreed [We are strictly following the hazardous wastes management practices 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 time to time & Air (PCP) Act, 1981 amended time to time.	Complied [We have provided all the pollution control measures towards prevention of fugitive air generated from the plant premises.] Please refer Annexure-9
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	Agreed [We are abiding by the said condition.]

	chemical to the atmosphere and leakage to the soil.	
7	PP to ensure transport, storage, handling and use of the flammable / toxic chemicals as per conditions stipulated in license / approval of the PESO.	Not Applicable [There have been no transport, storage, handling and use of the flammable / toxic chemicals]
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.	Complied [We have obtained Provisional Factory License from DISH; which is valid till 31.12.2024 and also carried out Safety audit as per MFR, 1963, we are observing the compliance of recommendations of the audit.] Please refer Annexure-10
9	PP to provide solar energy for illumination of administrative building, street lights and parking area.	Complied [We have installed 200 KW Capacity of solar power plant over the roof top of parking area and the same energy is being utilised for illumination purposes] Please refer Annexure-11
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 boiler.	Not Applicable [Ours system is based on the Waste Heat Recovery Boiler (WHRB) and do not require any fuel for the boiler]
11	PP to provide roof top rain water harvesting facility.	Complied [We have connected all the rooftop downcomers to stormwater drain; which has further connected to RWH Pond and underground boreholes for recharge purposes] Please refer Annexure-12
12	PP to ensure that proposed project is ZLD.	Agreed [We have provided ZLD and treated waste water have been utilized for dust suppression & plantation purposes on internal paved roads only.] Please refer Annexure-2
General Conditions:		
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 http://parivesh.nic.in .	Complied We have advertised the copy of EC in two local newspapers; The Punya Nagari (largest circulated Marathi daily) for Marathi language, Dtd. 02/09/2022 and The Hitavada, Dtd. 02/09/2022, resp. We have also displayed the copy of the EC in our company website i.e., www.lloyds.in . Please refer Annexure-13

II	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 1st June and 1st December of each calendar year.	<p style="text-align: center;">Complied</p> <p>[We have uploaded the status of the compliance for the period Oct-2022 to Mar-2023, Dtd. 28.05.2023 on company website; also, the copy of the same was submitted to MPCB, SEIAA & MPCB Regional Office.</p> <p style="text-align: center;">Please refer Annexure-14</p>
III	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.	<p style="text-align: center;">Complied</p> <p>[We have implemented the EMP as specified along with break-up of specific items with timeline]</p> <p>Please refer Annexure-9 & 15 for APCS; Annexure-2 for WPCS; Annexure-8 for Solid waste management; Annexure-4 for Green Belt; Annexure-18 & 19 for Env. Monitoring.</p>
IV	A separate Environment Management Cell with qualified personal shall be set up for implementation of the stipulated environmental safeguard measures.	<p style="text-align: center;">Complied</p> <p>[We have established a separate Environment Management Cell with qualified personal along with other supporting staffs to monitor day to day compliance.]</p> <p style="text-align: center;">Please refer Annexure-16</p>
V	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.	<p style="text-align: center;">Agreed</p> <p>[We have done the interlinking of production activities with all the connected APCS to stop the manufacturing activity in the event of failure of any pollution control equipment]</p>
VI	PP to strictly follow condition stipulated in the Consent to Establish /Operate issued by the MPCB.	<p style="text-align: center;">Agreed</p> <p>[We are complying the CTO conditions.]</p>
VII	PP to provide separate drains for storm water and effluent, and ensure that the storm water drains are dry all the time and in no case the effluent shall mix with the storm water drain.	<p style="text-align: center;">Complied</p> <p>We have provided separate drains for storm water and effluent, and ensures that the storm water drains are dry all the time and in no case the effluent shall mix with the storm water drain.</p> <p style="text-align: center;">Please refer Annexure-17</p>
VIII	Periodic monitoring of ground water in the study area as marked in the environmental impact assessment report shall be undertaken and results analysed to ascertain any change in the quality of water. Results shall be regularly submitted to the MPCB.	<p style="text-align: center;">Complied</p> <p>[Periodic monitoring of ground water quality is being carried out and results are analyzed. The test results found to be very well within the prescribed norms.]</p> <p style="text-align: center;">Please refer Annexure-18</p>
IX	The overall noise levels in and around the factory premises shall be kept within the prescribed standard under the EP Act, 1986	<p style="text-align: center;">Complied</p> <p>[Noise levels have been monitored regularly; the results found to be very</p>

	and rule 1989 as emended from time to time by providing adequate noise control measures and protective equipment's like ear plug etc.	well within the prescribed standard. All the workers have been provided with protective equipment's like ear plugs, ear muffs etc.] Please refer Annexure-19
X	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.	Agreed [We have adopted adequate safety measures so as to limit the risk within the plant premises. Leak detection system will be installed as & when require].
XI	PP to scrupulously follow the requirements of Maharashtra Factories Act, 1948 and rules 1963 as amended from time to time.	Agreed [We have dedicated Safety team to observe the requirements of MFA, 1948 & MFR, 1963 and their amendments on day-to-day basis].
XII	The environment statement for each financial year ending on 31 st March in Form-V as is mandated to be submitted 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.	Agreed [We have received the 1 st CTO on Dtd. 18.09.2023 and started the production activity from 1 st Oct-2023; hence we will submit the Form-V on or before 30 th Sept. 2024 for the FY 2023-2024.]

For **M/s Lloyds Metals & Energy Limited.**

[Plot no. A-1, MIDC Konsari, Tal. Chamorshi, Dist. Gadchiroli, MS]

f - [Signature]
30001214
28/11/23

Authorized Signatory

Date: 28.11.2023

4-MW CAPACITY WHRB POWER PLANT





Form V

[Regulation 381 (c)]

Provisional Order under section 9 of the Boilers Act of 1923

Provisional
Certificate

No.:411NAG2023

LLOYDS METALS AND ENERGY LIMITED, PLOT NO. A 1, CHAMURSHI INDUSTRIAL AREA, KONSARI, NA, Chamurshi, Gadchiroli, Konsari Maharashtra-442707 are hereby permitted to use the Boiler MR-19037 Boiler Rating 1420 Made by LLOYDS STEELS INDUSTRIES LIMITED bearing Makers number 125 at a maximum pressure of 70 kg. per square cm pending the issue or refusal of a certificate within six months from the date hereof after which period this order will become void.

Period from 06/09/2023 to 05/03/2024

Dated:21/09/2023

Yours faithfully,

SANJAY DINKARRAO MANKAR
Joint Director,


Maharashtra State
MANKAR (GOVERNMENT OF
MAHARASHTRA)


N.B., This order must be produced on demand by any authorised person and surrendered to the Director of Boilers of orders.

ETP WITH ZLD



APPROVAL LEETR FOR WILD LIFE CONSERVATION PLAN






महाराष्ट्र शासन
महसुल व वन विभाग

प्रधान मुख्य वनसंरक्षक(वनबल प्रमुख), महाराष्ट्र राज्य, नागपूर यांचे कार्यालय.
O/o Principal Chief Conservator of Forests (HoFF), Maharashtra State

प्रधान मुख्य वनसंरक्षक (वन्यजीव), महाराष्ट्र राज्य
Principal Chief Conservator of Forests (Wildlife), Maharashtra State
"Van Bhavan" 3rd Floor, Ramgiri Road, Civil Lines, Nagpur 440 001



Phone - 0712-2549563
E-mail - pccfwlngp@mahaforest.gov.in
Website - www.mahaforest.gov.in

क्रमांक:-कक्ष-२३(२)/वजी/सर्व्हे/प्र.क्र.६३/४९८/२०२३-२४, दिनांक:-१२/०५/२०२३

प्रति,
अपर प्रधान मुख्य वनसंरक्षक (वन्यजीव-पुर्व)
नागपूर.

विषय :-Submission of Wildlife Conservation Plan of Konsari Plant of Lloyds Metals and Energy Ltd. Located at Konsari Ashti, Chamorshi Tehsil, Gadchiroli District, Maharashtra.

संदर्भ :- १. केंद्र शासन, पर्यावरण मंत्रालय, वन व हवामान बदल (Impact Assessment Division) यांनी प्रकल्प यंत्रणेस उद्देशून लिहिलेले पत्र क्र. F. NO. J-11011/465/2022-IA-II(I), Dated- 27 January, 2023
२. वनसंरक्षक तथा क्षेत्र संचालक, ताडोबा अंधारी व्याघ्र प्रकल्प, चंद्रपुर यांनी आपणास उद्देशून लिहिलेले पत्र क्र. कक्ष-५/सर्व्हे/२६५, दि. ०२/०५/२०२३
३. या कार्यालयास लिहिलेले आपलेकडील पत्र क्र. कक्ष-१(ब)/सर्व्हे/२३-२४/११४, दि. १७/०५/२०२३

मे. लॉयड अॅन्ड एनर्जी लिमिटेड, यांचे विषयांकित प्रकरणी पर्यावरण मंत्रालया मार्फत मंजूरी मिळणेकामी प्रस्ताव सादर करण्यात आला होता. पर्यावरण मंत्रालयाने संदर्भ पत्र १ अन्वये अट क्र. १४ (iii) नुसार खालील अट घालून दिलेली होती.

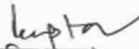
"14(iii). Chaprala Wildlife Sanctuary is at a distance of 2.80 km from the project site boundary. A conservation plan shall be prepared & approval from Competent Authority shall be obtained."

वरील अटीचे अनुषंगाने, वनसंरक्षक तथा क्षेत्र संचालक, ताडोबा अंधारी व्याघ्र प्रकल्प, चंद्रपुर यांनी त्यांचे दिनांक ०२/०५/२०२३ रोजीचे पत्रान्वये प्रकल्प यंत्रणेने सादर केलेला वन्यजीव संवर्धन आराखडा आपणास सादर केलेला होता. सादर वन्यजीव संवर्धन आराखडा संदर्भ पत्र ३ अन्वये शिफारसीसह आपले मार्फत या कार्यालयास सादर केला आहे.

प्रकल्प यंत्रणेने १० वर्षासाठी एकूण रू. ४३८.०० लक्ष आर्थिक तरतुद असलेला खालील विवरणानुसार, वन्यजीव संवर्धन आराखडा सादर केलेला आहे.

Budgetary Proposal for Wildlife Conservation Plan		
Sr. No.	Actionable Area	Cost in Rs. (In Lakhs)
1	Reduction in biotic interference	180.00
2	Entry point management within the sanctuary & also on the road within the sanctuary (Entry & Exit)	80.00
3	Participation of stakeholders	31.00
4	Study of Management trends and ecosystem valuation	15.00
5	Habitat restoration programs	20.00
6	Patrolling vehicles for protection	12.00
7	Rebuilding of temple complex outside the protected area in case it is evicted from Sanctuary	100.00
Total		438.00

सादर आराखडा वन्यजीव व्यवस्थापनाचे दृष्टीने पोषक स्वरूपाचा असल्यामुळे त्यांस मान्यता प्रदान करण्यात येत आहे.


(महेश गुप्ता)

प्रधान मुख्य वनसंरक्षक (वन्यजीव),
महाराष्ट्र राज्य

प्रतिलिपी :- वनसंरक्षक तथा क्षेत्र संचालक, ताडोबा अंधारी व्याघ्र प्रकल्प, चंद्रपुर यांना माहिती व योग्य त्या कार्यवाहीस अग्रेषीत.

प्रतिलिपी :- M/s Lloyds Metals and Energy Ltd., MIDS Konsari, Village: Konsari, Tahsil Chamorshi, Dist: Gadchiroli, Maharashtra-442603. यांना माहिती व योग्य त्या कार्यवाहीस अग्रेषीत.
(Lloyds.gadchiroli@gmail.com)

GREEN BELT DEVELOPMENT WITHIN FACTORY PREMISES

Sapling received from Forest Dept. [Mixed plantation done as per Miyawaki method]



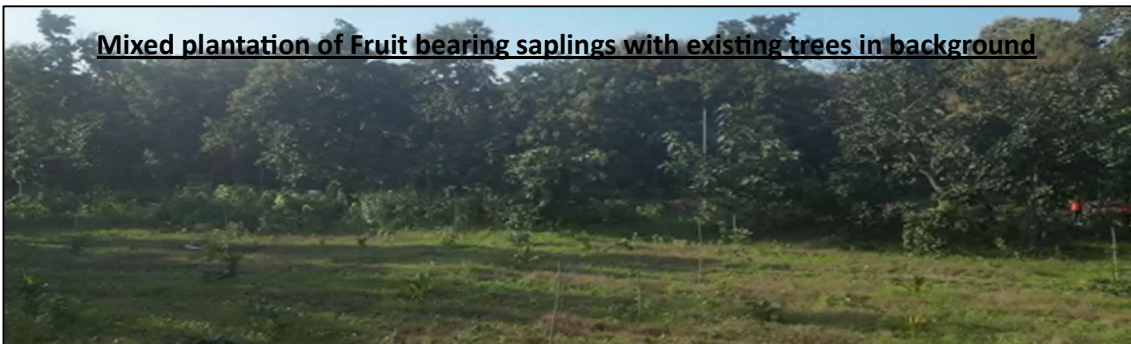
Mixed plantation of Fruit bearing saplings



Sapling received from Forest Dept. [Mixed plantation done as per Miyawaki method]



Mixed plantation of Fruit bearing saplings with existing trees in background



Mixed plantation of Fruit bearing saplings with existing trees in background



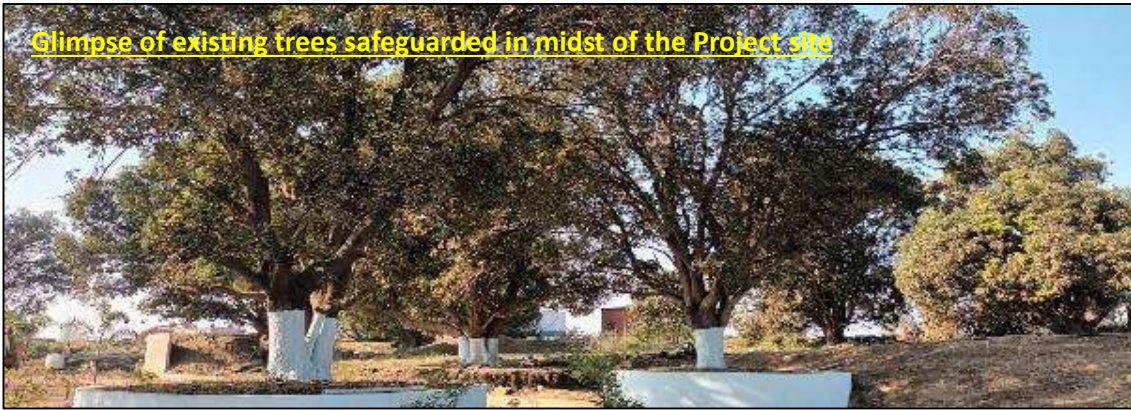
Sapling received from Forest Dept. [Mixed plantation done as per Miyawaki method]



Mixed plantation of local species with existing trees in background



Glimpse of existing trees safeguarded in midst of the Project site



Mixed plantation of Fruit bearing saplings with existing trees in background



Glimpse of existing trees safeguarded in the peripheral area of the Project site



Glimpse of existing trees safeguarded in the peripheral area of the Project site



Sr. No.	Common name of Saplings	Scientific Name	No. of Saplings Planted as on September 2023.
1.	Karanj	<i>Pongamia pinnata</i>	2025
2.	Ashoka	<i>Saraca indica</i>	520
3.	Gulmohar	<i>Delonix regia</i>	1424
4.	Neem	<i>Azadirachta indica,</i>	743
5.	Awala	<i>Phyllanthus emblica</i>	487
6.	Banayan Tree	<i>Ficus benghalensis</i>	856
7.	Pipal	<i>Ficus religiosa</i>	891
8.	Jarul	<i>Lagerstroemia speciosa</i>	975
9.	Mango	<i>Mangifera indica</i>	204
10.	Jam	<i>Acacia acuminata</i>	2130
11.	Papayi	<i>Carica papaya</i>	90
12.	Kawath	<i>Limonia acidissima</i>	1506
13.	Bel	<i>Aegle marmelos</i>	1250
14.	Jambhul	<i>Syzygium cumini</i>	1062
15.	Arjun	<i>Terminalia arjuna</i>	995
16.	Shiras	<i>Albizia lebbek</i>	1440
17.	Shisam	<i>Dalbergia sissoo</i>	1515
18.	Amaltas	<i>Cassia fistula</i>	1520
19.	Behada	<i>Terminalia bellirica</i>	1080
20.	Shivan	<i>Gmelina arborea</i>	2036
21.	Baka Neem	<i>Melia azedarach</i>	2286
22.	Kala Siras	<i>Albizia odoratissima</i>	1350
23.	Khair	<i>Senegalia catechu</i>	2178
24.	Shemal	<i>Bombax ceiba</i>	1000
25.	Lemon	<i>Citrus limon</i>	51
26.	Lichi	<i>Litchi chinensis</i>	52
27.	Fanas	<i>Artocarpus heterophyllus</i>	48
28.	Rain Tree	<i>Samanea saman</i>	2205
29.	Yen	<i>Taxus</i>	50
30.	Chinch	<i>Tamarindus indica L.</i>	50
Total			32019 *

* The remaining plantation is in progress and will be completed by the onset of upcoming monsoon.

CER /CSR ACTIVITIES TILL SEPTEMBER - 2023

Lloyds Metals & Energy Ltd., MIDC Konsari		
Sr. No.	CER/CSR Activities	Cost in Rs.
1.	Women Empowerment	7,00,000 /-
2.	Medical with ambulance facility, Health Camp, Blood donation camp	20,00,000 /-
3.	Drinking Water Facility	5,00,000 /-
4.	Education	15,00,000 /-
5.	Infrastructure development	39,00,000 /-
6.	Sports (Games, Kits, Mini Stadium)	30,00,000 /-
7.	Skill Development & other CSR activities	18,50,000 /-
TOTAL		1,34,50,000 /-

I. Health Care Facilities:

- Established a dispensary at village Konsari
- Facilities like; 1-Doctor, 2-Ambulances, 2-Pharmacists and 4-assistant staffs are present.
- Provision of free medicines on Doctor's prescriptions in local Health camps
- Free ambulance facility 24 x 7 basis is provided
- The dispensary covers 1,000 nos. of beneficiaries to cater the medical services.

II. Drinking water & other development:**Drinking Water Facility:**

- 5 numbers of bore wells are already constructed in surrounding villages to cater services of 2,000 beneficiaries

Other developmental activities:

- Freely distributed blankets to local villagers
- Distributed torch lights to the local people



Education:

- Distributed sports kits to the nearby schools
- Financial aid is also made
- Conducted Summer Camps in different schools

Other developmental activities

- Financial helps to Widows

III. Infrastructure Development:



- Selective village road of Konsari completed with murrum filling
- Different stretches of the village roads are identified and planned to be augmented 9 Kms i.e., Konsari, Jairampur, Somanpali.
- Children outdoor Play Park & Boundary wall work.
- Developed Sports Mini Stadium at Konsari
- Developed outdoor Gyms
- Supported financial aid for House building



- Conducted a driving training camp at Konsari Village
- 15 Nos. of youths participated
- 15 days training was imparted to them
- 1 no. of skilled trainer was engaged for imparting the training
- Further support was extended to get the driving license.

RAIN WATER HARVESTING FACILITY



SLIDING GATE AT ENTRY AND EXIT



MOU EXECUTED WITH THE CEMENT PLANTS/ BRICK MANUFACTURERS

MEMORANDUM OF UNDERSTANDING (MOU)

The agreement is made on this day 09 day of Sept. 2023 between:

M/s Lloyds Metals and Energy Ltd (CIN: L40300MH1977PLC019594), having its registered Office at Plot No. A1, A2, MIDC Area, Ghugus, Chandrapur, Maharashtra and Works Office at Lloyds Metals & Energy Ltd, Plot No A1, MIDC Chamorshi (Konsari), Konsari, Chamorshi, Dist.: Gadchiroli, Maharashtra to be referred as the First Party hereinafter referred as the "FIRST PARTY" represented by Shri. Dipak Gangotri Daudhwar Authorized Signatory of Lloyds Metals & Energy Limited for Konsari Plant of Lloyds Metals & Energy Ltd.

AND

M/s. Avani Bricks Ind., Pvt. Ltd. (CIN: DIC-GAD/EM-II/ACKMT/586) Private Limited Company is engaged in the business of manufacturing of Brick / Cement Industry, having product of Cement Bricks and its registered office at Sr. No. 131, Ghat, Teh. Chamorshi Dist. Gadchiroli (Maharashtra) hereinafter referred to as the "SECOND PARTY" represented by Shri Chamorshi Dist. Gadchiroli Having all necessary permission from different statutory authorities.

The First Party has constructed its plant at Konsari having capacity of 190 TPD DRI Sponge Plant along with 4 MW WHRB Plant in the State of Maharashtra, District: Gadchiroli, near to Village Konsari, being carrying out Sponge iron activities in the Plant with byproduct of Dol Char, Cinder Ash etc.

Therefore, the First Party approached second party for supply of waste products like Dol Char, Cinder Ash and other solid wastes to the Factory.....

The Second Party is having the Cement / Brick Manufacturing Units located at various places & approached for consumption of industrial solid waste suitable to be consumed as raw material in the manufacturing of Brick / Block / Cement.

Now, therefore, in consideration of the above and the mutual understanding and covenants herein, the mutual benefit to be derived there from and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the parties agrees as follows:

1. BASIC TERMS OF THE AGREEMENT:

1.1 Commencement & Terms of the Agreement:

This agreement is deemed to be effective from the date of signing of this agreement and shall remain in force for the period of twelve months.

1.2 Pricing and Payment

The Prices set out in the purchase order (PO) which is an integrated part of this Agreement will change from time to time based on mutually agreed Terms between LMEL & Second Party.

1.3 Supply and Storage Terms:

The First Party will inform to the Second Party, about the schedule of delivery of waste materials like Dol Char and Cinder Ash and 2/3 days in advance about the requirements.

2. REPRESENTATIVE AND WARRANTIES

2.1 All Parties mutually represent, warrant, and confirms to the other parties that the representations and warranties herein are true, correct, valid and subsisting in every respect as of the date of this Agreement.

2.2 The First Party Will Solely responsible for maintaining all statutory obligations related to Factories Act, 1948 and other rules under the purview state of Maharashtra.

3. TERMINATION

This Agreement shall automatically terminate upon:

3.1 On expiry of the duration of agreement.

3.2 In the event of any of the two parties are unable to perform its obligations under this Agreement because of a Force Majeure Event.

3.3 In the event that Parties suffers insolvency, levy of any order of attachment of its material assets, the other party shall be entitled to terminate this Agreement by giving prior written notice of 30 (thirty) days.

3.4 In the event of any party commits breach of any terms and conditions of this agreement and such break is not curable then the party shall terminate this agreement by giving a notice of 30(thirty) days.

4. EFFECTS OF TERMINATION:

Termination of this Agreement for any cause shall not release a Party from any liability which at the time of termination has already accrued to the other Parties or which thereafter may accrue in respect of any act or omission prior to such termination.

IN WITNESS THEREOF the parties have caused this Agreement to be executed by their duly authorized officers or representatives on the day and year first here in above written.

Prashant
30001214
09/09/23
Prashant Shetkar
9870700989

For Lloyds Metals & Energy Limited
(First Party)

For *Prashant*
Sai Bhatkar Int

For
(Second Party)

POLLUTION CONTROL MEASURES TO MITIGATE FUGITIVE POLLUTION



TECHNICAL SPECIFICATIONS OF DE SYSTEMS

Sr. No.	Description	Unit	DE 3A	DE 3B	DE 4	DE 5	DE 6	DE 7
A	General Specifications							
1	DE System attached to	-	Day Bin Storage	Day Bin Storage	Feed TR. Point	CD Building	Product separation Building	Product storage Building
2	Flow Rate	Nm3/hr	63879	60894	87958	24310	56055	81211
3	Dust		Air + Iron Ore Fines & Coal Fines	Air + Iron Ore Fines & Coal Fines	Air + Iron Ore Fines & Coal Fines	Air + DRI Fines	Air + DRI Fines	Air + DRI Fines
4	Working Temp	Deg. C	50	50	50	50	50	50
5	Inlet Dust Load	gm/Nm3	30	30	30	30	30	30
6	Bulk Density	T/m3	1.6	1.6	1.6	2.8	2.8	2.8
B	Other Specifications							
1	Type	-	Backward Curved					
2	Capacity	m3/hr	63879	60894	87958	24310	56055	81211
3	Mounting	-	Direct coupled					
4	Operating Temp	Deg C	50	50	50	50	50	50
5	Static Pr. at operating temp.	mm WG	450	450	450	375	450	450
6	Static/Total Efficiency	%	80	80	80	80	80	80
7	PRESSURE (mm WG @ 20)	-	111.85	106.62	154.01	35.47	98.15	142.19
8	AHP @ 30c	-	111.85	106.62	154.01	35.47	98.15	142.19
9	FAN STATIC EFFICENCY= 78%	-	0.78	0.78	0.78	0.78	0.78	0.78
10	BHP @ 30c	-	143.39	136.69	197.44	45.48	125.83	182.30
11	Considering 10% Extra Margin	-	1.1	1.1	1.1	1.1	1.1	1.1
12	HP	-	157.73	150.36	217.19	50.02	138.41	200.53
13	Quantity of Bag House	Nos.	1	1	1	1	1	1
14	No. of Cages	Nos.	196 x 2	196 x 2	266 x 2	196	170 x 2	252 x 2

TECHNICAL SPECIFICATIONS OF DRY FOG SYSTEM

Total no. of Nozzles: 217 Nos.; **Operating Pressure:** - 1000 psi; **Water Consumption:** 3.5m3/Hr (80.29 lpm)

LICENSE FROM DIRECTORATE OF INDUSTRIAL HEALTH & SAFETY (DIHS)



महाराष्ट्र शासन

औद्योगिक सुरक्षा व आरोग्य संचालनालय (कामगार विभाग)

परवाना क्रं : १७२२४

नमूना क्रमांक ४

(नियम ६ व ८ पाहणे)

कारखान्याची नोंदणी व कारखाना चालविण्याचा संबंधीचा परवाना

नोंदणी क्रमांक : १२०८०२४१०२००९८६



कारखाने अधिनियम, १९४८ आणि त्यासंबंधी असलेले नियम यांच्या तरतुदीप्रमाणे लोइड्स मेटल्स अँड एनरजी लिमिटेड यांना खाली वर्णन केलेल्या जागेत कारखाना चालविण्यास परवाना देण्यात आला आहे.

या परवान्याच्या या जागेत कोणत्याही एका दिवशी २५० पर्यंत कामगार लावण्यास आणि २००० पेक्षा जास्त अश्वशक्ति उपयोगात आणण्यास परवानगी आहे.

या परवान्याची मुदत ३१ डिसेंबर २०२३ पर्यंत आहे.

Digitally Signed by
DEVIDAS BHAGWANRAO GORE
Date: 8/8/2023 6:48:40 PM

परवान्याचे नुतनीकरण १ जानेवारी २०२४ ते ३१ डिसेंबर २०२४ पर्यंत करण्यात आले आहे.
शुल्क रु. - १२६००३.६० पोहोचले

दिनांक : ०८-०८-२०२३

Signature valid



संचालक
औद्योगिक सुरक्षा व आरोग्य,
महाराष्ट्र राज्य, नागपूर

परवाना दिलेल्या जागेचे वर्णन

परवाना दिलेल्या कारखान्याचे

लोइड्स मेटल्स अँड एनरजी लिमिटेड

Factory Name :

LLOYDS METALS AND ENERGY LIMITED

पत्ता :

प्लॉट नं ए-१, चामोर्शी (कोनसारी) इंडस्ट्रियल

रॅरिआ, कोनसारी, कोनसारी, चामोर्शी, गडचिरोली, महाराष्ट्र, ४४२७०७

Address :

Plot No A-1, Chamorshi (Konsari) Industrial Area, Konsari, Konsari, Chamorshi, Gadchiroli, MAHARASHTRA, 442707

कलम :

२(म)०

औद्योगिक वर्गीकरण :

२४१०२

कारखान्याच्या इमारतीचे नकाशे दिनांक ०१.०३.२०२३ च्या जावक क्रमांक १२०८०००००३०८२९ खाली मंजूर केले गेले आहेत.

This Certificate is digitally signed by on. 08-08-2023

टिप : हा कारखान्याची नोंदणी व कारखाना चालविण्याचा परवाना आहे. हा परवाना देण्यात आल्यामुळे ज्या जागेत हा कारखाना स्थित आहे, त्या जागेस कोणतीही वैधता आपोआप बहाल होत नाही तसेच ज्या जागेत हा कारखाना स्थित आहे ती जागा आज दिनांक वेळेस अस्तित्वात असल्या संबंधात या परवान्यामुळे कोणताही हक्क व स्वागित्त्व सदरहू भोगवटदारास प्राप्त होत नाही

COPY OF CERTIFIED SAFETY AUDIT REPORT

LLOYDS METALS	Lloyds Metals & Energy Ltd. Plot No A-1, Chamorshi (Konsari) Industrial Area, Dist. Gadchiroli (M.S.) 442707	March 2023	
	External Safety Audit Report as per IS 14489 : 2018	Revision : 0	Page No. 1

SCHEDULE II

(See rules 8 & 9)

Proforma for Safety Audit Report

- | | | |
|---|---|--|
| 1 | Name and address of the factory | : Lloyds Metals & Energy Ltd.,
Plot No A-1 Chamorshi (Konsari) Industrial Area,
Dist. Gadchiroli – 442 707, Maharashtra, INDIA |
| 2 | Name of the Occupier | : Shri. Rajesh Gupta |
| 3 | Date of Audit | : 06.04.2023 to 07.04.2023 |
| 4 | List of raw material with maximum storage quantity | : As per consent condition. |
| 5 | List of finished products with maximum storage quantity | : As per consent condition. |
| 6 | Manufacturing process flow chart | : Details mentioned in Annexure |
| 7 | P I Diagram of all plants (Chemical Factories) | : Not Available |
| 8 | Name of the safety Auditor and Certificate No. and name of the person who has carried out safety audit | : Akshaykumar N Chouhan
: MAHA DISH Cert No.: MS/DISH/SA/C-006/2021 |
| 9 | Whether enclosed Safety Audit Report as per IS 14489 or any such standards prevailing at the relevant time, whichever is latest | : As per IS 14489:2018 |

Akshaykumar Namdeo Chouhan
Safety Auditor
MAHA DISH Cert No. MS/DISH/SA/C-006/2021
Chartered Engineer (Chem.Engg.Div.), MIE, SMILE
M-Tech (Chem. Engg.), B-Tech (Chem.Engg.)
(Mech. Engg.), ADIS

(Signature)
Signature of Safety Auditor/
Person or employee of an Institution
Authorized to carry out safety audit

Date: 07.05.2023

I (Occupier) undertake to submit the action taken report on recommendations of Safety Audit on or before 30 days from the date of report.

(Signature)
Signature of the Occupier

Date: 07.05.2023

Report prepared by	Akshaykumar N Chouhan, Competent Person & Safety Auditor : Chlora Globe, Nagpur, Recognized & Designated by Directorate of Industrial Safety & Health, Govt. of Maharashtra
---------------------------	--

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on Vehicular Parking Shed**



**Solar Energy Pannels installed
on Vehicular Parking Shed**

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दरात कपात

नागपूर शुक्रवार, २ सप्टेंबर २०२२ | पृ. १९ | अंक : ११४ | पाने : ८,४-१२ | किंमत : ५.००

→ आतील पानात

पुण्य नगरी
SMART गडचिरोली

शुक्रवार, २ सप्टेंबर २०२२

जिल्ह्यात ८ वाढित तर १४ कोरोनामुक्त
गडचिरोली : जिल्ह्यात ३१० कोरोना बाधितगडचिरोली नवीन कोरोना
बाधितांची संख्या ६ अंमून कोरोनामुक्तगडचिरोली संख्या १४ आहे.
जिल्ह्यातील आठवर्षीत बाधित ३८१६९ पैकी कोरोनामुक्त झालेले
संख्या ३७३३५ आहे, सतेव सक्रिय कोरोनाबाधितांची संख्या ५७
झाली आहे. आठवर्षीत जिल्ह्यात एकूण ७७७ जगांचा मृत्यू कोरोनामुक्त
झाल्याची नोंद आहे. जिल्ह्यातील कोरोना रुग्ण बरे होण्याचे प्रमाण
९७.८९ टक्के, सक्रिय रुग्णांचे प्रमाण ०.१५ टक्के तर मृत्यू दर २.०४
टक्के झाला आहे. नवीन बाधितामध्ये धानेरा तालुक्यातील ४, कोरवी
तालुक्यातील १, वडन तालुक्यातील १ जगांचा समावेश आहे.

PAGE -3

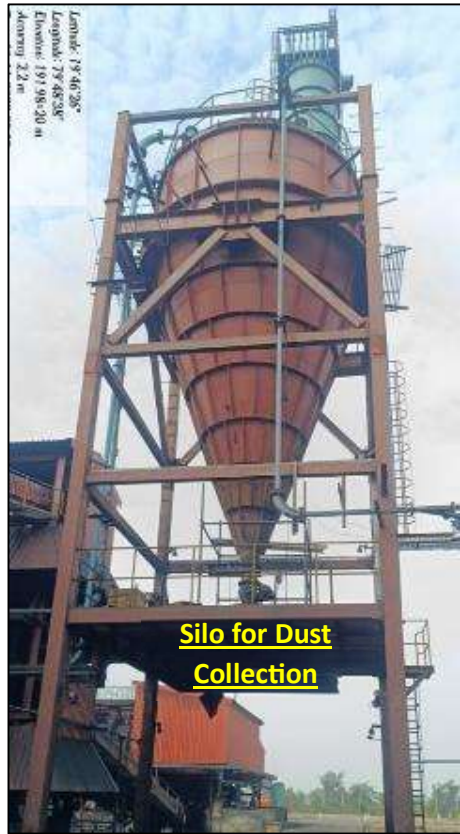
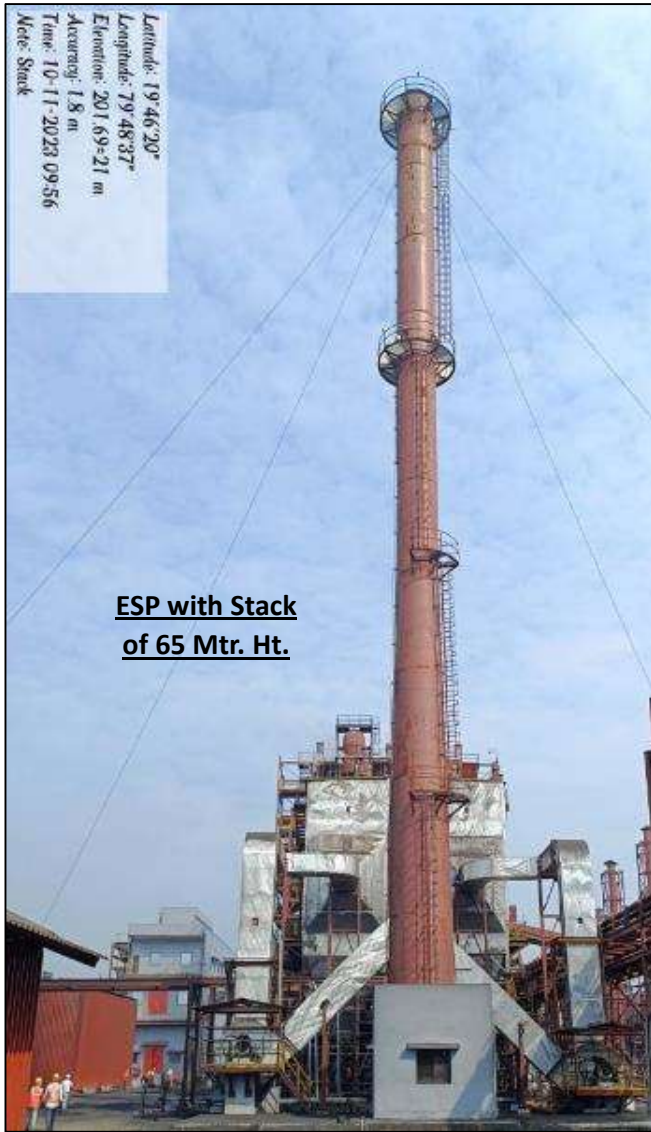
02.09.2022

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, Kambh, Village: Kambh, Taluka: Chamerda, Dist: Gadchiroli, Maharashtra -423603	
Subject:	Grant of Environmental Clearance (EC) to the proposed Project Activity under the provision of EIA Notification 2006 - regarding S/Mahan.	
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 3 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 Pataskar Mhaskar 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) नू दिल्ली द्वारा पंजित राज्य स्तरीय पर्यावरण प्रभाव आकलन प्रक्रिया SEIA मुंबई महाराष्ट्र ने 190 क्षमता के स्पंज आयरन प्लंट डेट की प्रस्तावित स्थापना के लिये पर्यावरण मंजूरी प्रदान की है. TPD Captive Power Plant (4MW WHRB) और 90000 TPA आयरन लव बेनेफिशिएशन प्लंट प्लंट नं. A-1, A-2 एस अण्ड बी सी कोरवरी ग्राम-कोरवरी ता. चामेर्दा तालुका. गडचिरोली (महाराष्ट्र) निम्नकी पर्यावरण संख्या EC22B008MH126424; File No-SIA/MH/IND/70624/2018 fr. 29/8/2029 को पर्यावरण मंजूरी को जिन शर्तों पर जारी किया गया है MPCB चंद्रपूर कम्पनी की वेबसाइट http://www.lloyds.in और बाह्य सरकारी MOEF&CC वेबसाइट http:// parivesh.nic.in पर उपलब्ध है.		
स्थापित s/d प्रकल्प व्यवस्थापक		एम/एस लॉयड्स मेटल्स अण्ड एनर्जी लिमिटेड

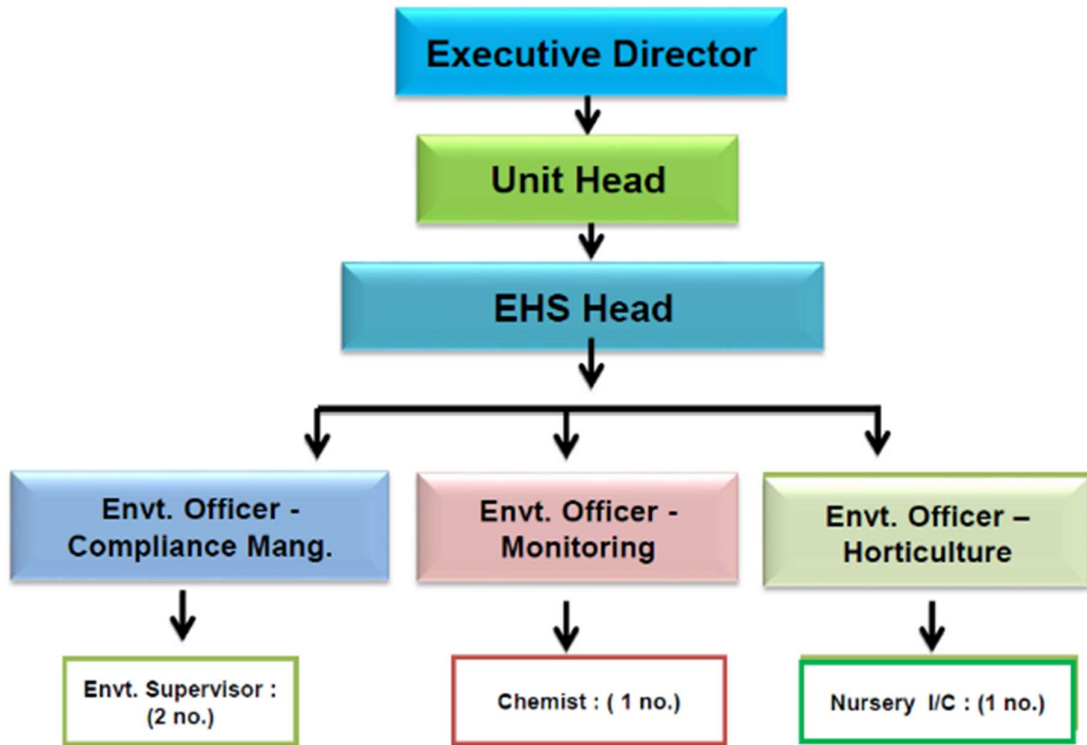
UPLOADING THE STATUS OF HALF YEARLY COMPLIANCE

Unit 2 (Konsari)		
	Environment Clearance	
		1. EC for 2x95 TPD Sponge Iron Plant MTPA
		2. EC for 2 x 4.5 MTPA Iron Ore Grinding Unit, 10 MTPA Thickening & Filtration Unit and 2 X 4 MTPA Iron Ore Pellet Plant
	EC Compliance Report	
		1. Apr 22 to Sept, 22
		1. Oct, 22 to Mar, 23
	Environment Statement	
		1. FY 2022 23
	-	-

IMPLEMENTATION OF EMP



ENVIRONMENT MANAGEMENT CELL



STORM WATER DRAINS



SUMMARIZED MONITORING REPORTS OF GROUND WATER IN THE STUDY AREA

Sample Name - Ground Water																												
Sr. No.	Test Parameters	Unit of measurement (UOM)	Test Method	Acceptance Limit	Permissible Limit	Jairampur		Ashfi		Mudholi Chak 2		Amboli		Konsari Village		Jairampur		Project site		Adval		Raipur		Umari		Chandankheri		
						Pre-Monsoon	Mid-Monsoon	Pre-Monsoon	Mid-Monsoon	Pre-Monsoon	Mid-Monsoon	Pre-Monsoon	Mid-Monsoon	Pre-Monsoon	Mid-Monsoon	Pre-Monsoon	Mid-Monsoon	Pre-Monsoon	Mid-Monsoon	Pre-Monsoon	Mid-Monsoon	Pre-Monsoon	Mid-Monsoon	Pre-Monsoon	Mid-Monsoon	Pre-Monsoon	Mid-Monsoon	Pre-Monsoon
1	Detection of E.coli	Detected or Not detected/100ml	IS:15185:2016	Shall not be detectable in any 100 ml sample	No Relaxation	Not detected	Not detected	Not detected	Not detected	Not detected	Not detected	Not detected	Not detected	Not detected	Not detected	Not detected	Not detected	Not detected	Not detected	Not detected	Not detected	Not detected	Not detected	Not detected	Not detected	Not detected	Not detected	Not detected
2	Total coliform	Detected or Not detected/100ml	IS:15185:2016	Shall not be detectable in any 100 ml sample	No Relaxation	Not detected	Not detected	Not detected	Not detected	Not detected	Not detected	Not detected	Not detected	Not detected	Not detected	Not detected	Not detected	Not detected	Not detected	Not detected	Not detected	Not detected	Not detected	Not detected	Not detected	Not detected	Not detected	Not detected
3	Electrical Conductivity	µm/cm	IS: 3025 (Part-1): 2013	-	-	425.0 at 25°C	242.00 at 25°C	1510.0 at 25°C	227.0 at 25°C	1527.0 at 25°C	186.0 at 25°C	2300.0 at 25°C	236.0 at 25°C	1715.0 at 25°C	165.1 at 25 °C	435.0 at 25°C	242.0 at 25 °C	634.6 at 25°C	201.0 at 25 °C	121.0 at 25°C	164.0 at 25 °C	805.0 at 25°C	208.0 at 25 °C	1115.0 at 25°C	226.0 at 25 °C	528.0 at 25°C	165.0 at 25°C	
4	Phosphorus as P	mg/L	IS- 3025 (Part-3): 2022	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	0.05	<0.05	<0.05	<0.05	<0.05	0.06	<0.05	<0.05	<0.05	<0.05	0.05	<0.05	<0.05	<0.05	<0.05	<0.05
5	Potassium as K	mg/L	IS: 3025 (Part-5): 1999	-	-	2.70	8.3	<5.0	8.3	<5.0	<5.0	17.2	7.3	82.3	<5.0	2.70	6.3	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
6	Silica as SiO2	mg/L	IS: 3025 (Part-5): 1999	-	-	1.27	0.29	1.95	0.19	2.84	0.39	2.36	0.16	2.8	0.72	1.27	0.29	2.2	0.31	2.1	0.44	2.33	0.22	2.32	0.35	2.6	0.32	
7	Oxygen	mg/L	IS 3025 (Part-7): 2014	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable
8	Sodium as Na	mg/L	IS: 3025 (Part-5): 1999	-	-	43	25.3	75.4	21.5	31.0	18.3	79.8	27.6	37.1	8.6	43	25.3	27	14.2	35.3	16.8	21.7	20.8	37.3	10.2	14.7	8.3	
9	Taste	mg/L	IS 3025 (Part-4): 1984	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable
10	Total Dissolved Solids	mg/L	IS 3025 (Part-3): 1984	Max:500	Max:1000	275.0	169.0	962	150.0	854.0	118.0	1566.0	100.0	886	110	276.0	190	388	154	246	114	345	134	850	164	344.0	112.0	
11	Turbidity	NTU	IS 3025 (Part-3): 1984	Max:1.0	Max:5.0	<0.5	1.15	1.39	1.4	1.0	1.54	1.0	2.11	0.51	0.76	<0.5	1.15	<0.5	0.86	<0.5	0.84	18.3	0.91	<0.5	<0.5	0.44	0.68	
12	Colour	Platinum	IS 3025 (Part-3): 2021	Max:5.0	Max:15.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1	1	1.0	1	1.0	1	1.0	1	1.0	1	1.0	1	1.0	1.0	
13	pH Value	-	IS: 3025 (Part-1): 2022	6.5 + 8.5	No Relaxation	8.75 at 25°C	7.21 at 25°C	7.70 at 25°C	7.31 at 25°C	6.90 at 25°C	6.55 at 25°C	6.99 at 25°C	7.26 at 25°C	7.12 at 25°C	7.23 at 25 °C	8.75 at 25°C	7.21 at 25 °C	7.62 at 25°C	7.68 at 25 °C	6.85 at 25°C	7.11 at 25 °C	7.14 at 25°C	6.83 at 25 °C	7.15 at 25°C	6.75 at 25 °C	7.14 at 25°C	7.32 at 25°C	
14	Cyanide (as CN)	mg/L	IS 3025 (Part-27) Sec 1: 2021	Max:0.05	No Relaxation	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
15	Arsenic	mg/L	IS: 3025 (Part-54): 1999	Max:0.5	No Relaxation	0.11	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	0.14	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
16	Aromatic Detergents (as MBAS)	mg/L	IS: 13028 (Annex C): 2005	Max:0.2	Max:1.0	<0.05	<0.1	<0.05	<0.1	<0.05	<0.1	<0.05	<0.1	<0.05	<0.1	<0.05	<0.1	<0.05	<0.1	<0.05	<0.1	<0.05	<0.1	<0.05	<0.1	<0.05	<0.1	<0.05
17	Calcium (as Ca)	mg/L	IS 3025 (Part-4): 1999	Max:75.0	Max:200	8.04	13.3	6.44	7.0	77.6	9.0	181.0	11.6	40.4	6	8.08	13.3	16.2	7	120	12	17.8	7	40.4	18	48.5	5.0	
18	Chloramine	mg/L	IS: 3025 (Part-26): 2021	Max:0.3	No Relaxation	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04
19	Chloride (as Cl)	mg/L	IS 3025 (Part-32): 1988	Max:250	Max:1000	19.5	21.6	337.0	31.4	109.8	37.3	586.1	28.5	171.4	28.3	19.3	21.6	27	37.3	82.8	23.8	34.7	33.4	102.8	23.5	17.3	31.4	
20	Fluoride (as F)	mg/L	IS 3025 (Part-60): 2008	Max:1.0	Max:1.5	1.07	0.65	0.89	0.36	0.33	0.54	1.07	0.42	0.31	0.25	1.07	0.65	0.84	0.42	0.56	0.32	0.55	0.44	0.56	0.31	0.52	0.22	
21	Free Residual Chlorine	mg/L	IS: 3025 (Part-26): 2021	Max:0.2	Max:1.0	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04
22	Iron (as Fe)	mg/L	IS 3025 (Part-47): 2005	Max:1.0	No Relaxation	0.40	0.71	0.33	0.32	1.54	0.82	0.69	0.11	0.26	0.72	0.40	0.71	0.2	0.49	0.33	0.29	1.32	0.54	0.26	0.12	0.37	0.63	
23	Magnesium (as Mg)	mg/L	IS 3025 (Part-46): 1998	Max:30.0	Max:100	8.04	10.0	96.9	10.0	86.9	10.0	6	36.8	10.0	6	8.08	10.0	30	6	60.1	9	302.8	9	302.8	9	0.70	9.0	
24	Nitrate (as NO3)	mg/L	IS: 3025 (Part-3): 1984	Max:45	No Relaxation	1.18	1.45	21.9	1.85	73.8	1.35	78.2	1.85	91.8	2.94	1.38	1.45	19	2.92	2.17	2.32	27.2	2.21	48.9	1.25	16.3	1.45	
25	Phenolic Compound (as C6H5OH)	mg/L	IS 3025 (Part-3): Sec 1: 2002	Max:0.001	Max:0.002	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001
26	Sulphate (as SO4)	mg/L	IS 3025 (Part-24) Sec 1: 2022	Max:200	Max:400	56.8	<5.0	120.0	<5.0	116.0	5.01	288.3	<5.0	113.7	5.76	56.8	<5.0	42.9	6.14	81.2	<5.0	48.9	<5.0	93.4	<5.0	33.0	<5.0	
27	Sulphide (as H2S)	mg/L	IS: 3025 (Part-25): 1998	Max:0.05	No Relaxation	<0.005	<0.02	<0.005	<0.02	<0.005	<0.02	<0.005	<0.02	<0.005	<0.02	<0.005	<0.02	<0.005	<0.02	<0.005	<0.02	<0.005	<0.02	<0.005	<0.02	<0.005	<0.02	
28	Total Alkalinity as CaCO3	mg/L	IS : 3025 (Part-23): 1986	Max:200	Max:500	167.2	59.1	345.8	55.2	361.0	47.3	395.2	41.3	429.4	67	167.2	59.1	294.6	55.2	368.6	39.4	323	35.5	414.2	138	212.8	79.9	
29	Total Hardness (as CaCO3)	mg/L	IS 3025 (Part-21): 2009	Max:200	Max:500	28.3	74.9	428.2	70.7	513.0	70.7	880.5	79.0	577.7	48.9	28.3	74.9	161.6	54.1	513.1	58.2	394.9	66.6	529.2	112	121.2	58.2	
30	CO3	mg/L	IS 3025 (Part-21): 2009	-	-	100.3	85.5	207.5	33.1	216.6	28.4	237.0	28.0	237.6	40.2	100.3	85.5	152.8	33.1	221.2	23.8	193.8	21.3	248.5	82.7	127.7	42.6	
31	HCO3	mg/L	IS 3025 (Part-21): 2009	-	-	204.3	72.1	421.9	67.3	466.6	57.3	440.6	57.3	440.6	81.3	204.3	72.1	316.6	67.3	406.0	44.1	394.1	43.3	505.3	168.2	219.6	85.5	
32	Manganese (as Mn)	mg/L	IS 3025 (Part-21): 2009	Max:0.1	Max:0.3	<0.01	<0.01	<0.01	<0.01	0.013	<0.01	0.166	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.027	<0.01	0.034	<0.01	<0.01	<0.01	<0.01	<0.01	
33	Mercury (as Hg)	mg/L	IS 3025 (Part-21): 2009	Max:0.001	No Relaxation	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
34	Molybdenum (as Mo)	mg/L	IS 3025 (Part-21): 2009	Max:0.07	No Relaxation	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
35	Nickel (as Ni)	mg/L	IS 3025 (Part-21): 2009	Max:0.02	No Relaxation	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
36	Cadmium (as Cd)	mg/L	IS 3025 (Part-21): 2009	Max:0.005	No Relaxation	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
37	Chromium (as Cr)	mg/L	IS 3025 (Part-21): 2009	Max:0.05	No Relaxation	<0.01	<0.01	<0.01	<0.01</																			

NOISE / AMBIENT LEVELS IN AND AROUND THE FACTORY



QUALITEK LABS LIMITED

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 Phone: 0674-2952347; +91 7682857555 (M); GSTIN: 21AAACQ5400B1ZE

Customer Detail:

Name: Lloyds Metals & Energy Ltd

Address: P.No – A1,MIDC Konsari, Vill. Konsari, Tal. Chamorshi, Dist. Gadchiroli.

Ambient Noise Monthly Result			
Month: June, 2023		Parameters	
Sampling Date	Location	Leq (Day time) dB(A)	Leq (Night time) dB(A)
09.06.2023	PROJECT SITE (N1)	63.2	52.7
Permissible Limit as per The Noise Pollution (Regulation and Control) Rules, 2000.		Max - 75	Max - 70
Method		IS: 9876	IS: 9876



Reviewed by
 Name : Ms. Sushree Sangita Das
 Designation : Executive-QA



Authorized by
 Name : Mr. Partha Ujal
 Designation : Manager-E & W
 Discipline : Chemical

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



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Customer Detail:

Name: Lloyds Metals & Energy Ltd

Address: P.No – A1,MIDC Konsari, Vill. Konsari, Tal. Chamorshi, Dist. Gadchiroli.

Ambient Noise Monthly Result			
Month: July, 2023		Parameters	
Sampling Date	Location	Leq (Day time) dB(A)	Leq (Night time) dB(A)
03.07.2023	PROJECT SITE (N1)	51.3	45.1
18.07.2023	PROJECT SITE (N1)	51.8	47.0
03.07.2023	JAIRAMPUR (N6)	52.7	44.6
11.07.2023	JAIRAMPUR (N6)	52.3	44.4
Permissible Limit as per The Noise Pollution (Regulation and Control) Rules, 2000.		Max - 75	Max - 70
Method		IS: 9876	IS: 9876



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Customer Detail:

Name: Lloyds Metals & Energy Ltd

Address: P.No – A1,MIDC Konsari, Vill. Konsari, Tal. Chamorshi, Dist. Gadchiroli.

Ambient Noise Monthly Result			
Month: September, 2023		Parameters	
Sampling Date	Location	Leq (Day time) dB(A)	Leq (Night time) dB(A)
01.09.2023	JAIRAMPUR (N6)	61.3	43.0
15.09.2023	JAIRAMPUR (N6)	56.0	46.3
08.09.2023	PROJECT SITE (N1)	64.7	47.9
22.09.2023	PROJECT SITE (N1)	59.5	46.8
20.09.2023	SOMANPALLI (N2)	56.5	48.6
25.09.2023	MUDHOLI CHAK-2 (N11)	63.0	51.7
26.09.2023	CHANDANKHEDI (N12)	61.2	47.8
28.09.2023	RAIPUR (N5)	60.5	49.3
27.09.2023	RAMKRISHNAPUR (N4)	58.5	45.0
Permissible Limit as per The Noise Pollution (Regulation and Control) Rules, 2000.		Max - 75	Max - 70
Method		IS: 9876	IS: 9876

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AAQM Monthly Results

Location	PROJECT SITE (A1)			Month	July 2023
Date of Monitoring	Analysed parameters				
	PM10	PM2.5	SO2	NO2	CO
	µg/m3	µg/m3	µg/m3	µg/m3	mg/m3
03.07.2023	71.4	27.0	8.7	25.3	<1.0
04.07.2023	66.5	23.4	8.2	21.6	<1.0
10.07.2023	56.7	20.8	6.9	19.3	<1.0
13.07.2023	61.4	22.1	7.4	20.8	<1.0
17.07.2023	55.7	20.9	7.5	23.3	<1.0
19.07.2023	49.4	19.6	6.8	22.9	<1.0
24.07.2023	49.8	17.3	7	22.9	<1.0
25.07.2023	53.4	18.5	6.1	24.4	<1.0
Permissible Limit as per NAAQS 2009	100	60	80	80	4
Method	IS:5182 (Part-23)	IS:5182 (Part-24)	IS:5182(Part-2)	IS:5182 (Part-6)	IS 5182 (Part-10)

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AAQM Monthly Results					
Location	JAIRAMPUR (A2)			Month	July 2023
Date of Monitoring	Analysed parameters				
	PM10	PM2.5	SO2	NO2	CO
	µg/m ³	µg/m ³	µg/m ³	µg/m ³	mg/m ³
11.07.2023	52.9	17.1	6.5	17.4	<1.0
12.07.2023	46.8	16.0	5.7	16.5	<1.0
20.07.2023	50.9	16.0	8.0	19.9	<1.0
22.07.2023	60.2	22.2	8.4	21.5	<1.0
Permissible Limit as per NAAQS 2009	100	60	80	80	4
Method	IS:5182 (Part-23)	IS:5182 (Part-24)	IS:5182(Part-2)	IS:5182 (Part-6)	IS 5182 (Part-10)



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AAQM Monthly Results					
Location	JAIRAMPUR (A2)			Month	August 2023
Date of Monitoring	Analysed parameters				
	PM10	PM2.5	SO2	NO2	CO
	µg/m3	µg/m3	µg/m3	µg/m3	mg/m3
24-08-2023	44.2	16.3	6.3	17.1	<1.0
25-08-2023	47.2	19.5	7.1	22.6	<1.0
Permissible Limit as per NAAQS 2009	100	60	80	80	4
Method	IS:5182 (Part-23)	IS:5182 (Part-24)	IS:5182(Part-2)	IS:5182 (Part-6)	IS 5182 (Part-10)



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Customer Detail:

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AAQM Monthly Results					
Location	SOMANPALLI (A11)			Month	September 2023
Date of Monitoring	Analysed parameters				
	PM10	PM2.5	SO2	NO2	CO
	µg/m ³	µg/m ³	µg/m ³	µg/m ³	mg/m ³
20.09.2023	46.5	16.2	5.9	18.4	<1.0
23.09.2023	38.1	11.3	<5.0	15.7	<1.0
26.09.2023	43.8	15.0	5.6	17.4	<1.0
29.09.2023	39.7	14.4	6.2	16.9	<1.0
Permissible Limit as per NAAQS 2009	100	60	80	80	4
Method	IS:5182 (Part-23)	IS:5182 (Part-24)	IS:5182(Part-2)	IS:5182 (Part-6)	IS 5182 (Part-10)



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SAFETY PROMOTION AT SITE AND PPEs COMPLIANCE



Distribution of Job Specific PPEs