



**JAMSHEDPUR CHLOROCEM
PRIVATE LIMITED**

Manufacturer of Low Carbon Ferro Alloys
LC Ferro Manganese & Ferro Chrome Powder
CIN: U24220JH1999PTC008858

04 July, 2023

To,
The Regional Officer,
Jharkhand State Pollution Control Board,
Adityapur, Jamshedpur, Jharkhand - 831013

Subject: Regarding compliance of Environmental Clearance conditions.

Reference: Environmental Clearance from Ministry of Environment & Forest, New Delhi
vide F.No. IA-J-11011/459/2017-IA-II(I) Dated 24-12-2018

Sir,

We have obtained environment clearance and NOC/CTE from the concerned authorities prior to starting the work at site. All mandatory clearances, authorizations and permission obtained prior to commissioning and operation of the plant.

As per requirements of Environment (Protection) Act 1986 and various conditions of the above-mentioned Environmental Clearance we are submitting the six-monthly compliance reports with status for the period from 1st October 2022 to 31st March 2023 to the specified authorities. The same is enclosed for your information.

Thanking you,

Yours Faithfully,
For Jamshedpur Chlorochem Pvt. Ltd.

Manoj Kumar Gutgutia
(Manoj Kumar Gutgutia)
Director



Enclosure: Compliance Report for the period 01.10.2022 to 31.03.2023 with Annexures



**JAMSHEDPUR CHLOROCEM
PRIVATE LIMITED**

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LC Ferro Manganese & Ferro Chrome Powder
CIN: U24220JH1999PTC008858

04 July, 2023

To,
The Member Secretary,
Jharkhand State Pollution Control Board,
T.A. Division Building, Dhurwa,
Ranchi, Jharkhand - 834004

Subject: Regarding compliance of Environmental Clearance conditions.

Reference: Environmental Clearance from Ministry of Environment & Forest, New Delhi
vide F.No. IA-J-11011/459/2017-IA-II(I) Dated 24-12-2018

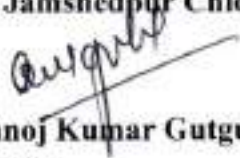
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CIN: U24220JH1999PTC008858

04 July, 2023

To,
The Scientist -D,
Ministry of Environment Forest & Climate Change
Integrated Regional Office,
2nd Floor, Jharkhand State Housing Board,
Harmu Chowk, Ranchi, Jharkhand - 834002

Subject: Regarding compliance of Environmental Clearance conditions.

Reference: Environmental Clearance from Ministry of Environment & Forest, New Delhi
vide F.No. IA-J-11011/459/2017-IA-II(I) Dated 24-12-2018

Sir,

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(Manoj Kumar Gutgutia)
Director

EJ493575487IN TVR:6974493575488
SP ADITYAPUR INDUSTRIAL AREA
Counter No1,14/07/2023,12:33
To:THE SCIENTIST,MINISTRY OF ENVE
PIN:834002, Doranda HD
From:JAMSHEDPUR ,NS 8B 6TH PHASE
Wt:410gms
Acr:59.00(Cash)Tax:9.00
<Track on www.indiapost.gov.in>
<Dial 1800266886> <Wear Masks, Stay Safe>

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PRIVATE LIMITED**

Manufacturer of Low Carbon Ferro Alloys
LC Ferro Manganese & Ferro Chrome Powder
CIN: U24220JH1999PTC008858

04 July, 2023

To,
Regional Director
CPCB, Kolkata
Southernd Conclave, Block 502,
5th & 6th Floors, 1582
Rajdanga Main Road, Kolkata - 700107,

Subject: Regarding compliance of Environmental Clearance conditions.

Reference: Environmental Clearance from Ministry of Environment & Forest, New Delhi
vide F.No. IA-J-11011/459/2017-IA-II(I) Dated 24-12-2018

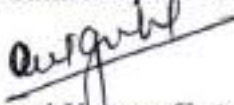
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LC Ferro Manganese & Ferro Chrome Powder
CIN: U24220JH1999PTC008858

04 July, 2023

To,
The Director, IA-Division (Industry-1),
Indira Paryavaran Bhawan,
Ministry of Environment, Forest & CC,
Jorbagh Road, Lodhi Road, New Delhi - 110003

Subject: Regarding compliance of Environmental Clearance conditions.

Reference: Environmental Clearance from Ministry of Environment & Forest, New Delhi
vide F.No. IA-J-11011/459/2017-IA-II(I) Dated 24-12-2018

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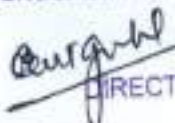


Enclosure: Compliance Report for the period 01.10.2022 to 31.03.2023 with Annexures

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M/s JAMSHEDPUR CHLOROCEM PRIVATE LIMITED		
EC COMPLIANCE STATEMENT		
Environment Clearance issued by MoEF & CC vide reference no F. No. IA-J-11011/459/2017-IA-II(I) Dated 24-12-2018		
CONDITION		COMPLIANCE / STATUS (01.10.2022 to 31.03.2023)
(A) SPECIFIC CONDITIONS:		
1	Only washed Ore shall be used for the Ferro-Chrome.	Being complied. Only washed/conc. ore is procured and used. No in-house washing done for any ore.
2	100% solid waste generated in the plant shall be utilized and no dumping shall be allowed either in the plant premises or outside area.	Only Slag is generated as solid waste during production which is reused either as lining for vessels or supply to other industries for use as a raw material. APCD dust is partly recycled in the process for Lining of Reactor Vessel & partly disposed thru TSDF (Adityapur Solid Waste Management)
3	The project proponent shall carry out decommissioning operations of existing hydrated lime unit by following the pollution control norms and the report on decommissioning shall be submitted to the Ministry's Regional Office, soon after its completion.	Existing hydrated lime unit has been decommissioned and dismantled. The report is sent to the Ministry's Regional Office, after its completion.
4	Additional 5000 trees shall be planted around the premises.	Plantation in process in the vacant space available in the factory premises & vicinity. Till date 120 no. Tree has been planted, 300 trees already planted in the premises of Adityapur Auto Cluster at approx. 3 km from our plant and process is ongoing. Additional 2740 trees have been planted in the premises of Itagarh Panchayat, Jharsthan under Itagarh Panchayat, Tirildih under Itagarh Panchayat & Auto Cluster, Phase VI, Adityapur at approx. 10 km from our plant.
5	TCPL test shall be carried for Ferro chrome slag at a frequency of 6 months.	Being complied. Latest report attached as Annexure-1
(B) General Condition		
I. Statutory compliance:		
1	The project proponent shall obtain Consent to Establish/Operate under the provisions of Air (Prevention & control of Pollution) Act, 1981 and the Water	Consent to Establish has been obtained from the Board vide Reference No. JSPCB/HO/RNC/CTE-4948936/2019/270 dt: - 2019-04-16 and

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	(Prevention & Control of Pollution) Act, 1974 from the concerned State Pollution Control Board/Committee.	consent to operate vide. Ref. No. - JSPCB/HO/RNC/CTO-8911700/2020/1735 Dated 2020.10.18 copies of same attached as Annexure - 2 & Annexure - 3, respectively.
2	The project proponent shall obtain the necessary permission from the Central Ground Water Authority, in case of drawl of ground water / from the competent authority concerned in case of drawl of surface water required for the project.	No water is used in the process except domestic purposes which is sourced from municipal supply of Industrial Area. Copy of same enclosed as Annexure - 4
3	The project proponent shall obtain authorization under the Hazardous and other waste Management Rules, 2016 as amended from time to time.	Authorization obtained. Attached as Annexure - 5
II. Air quality monitoring and preservation:		
1	The project proponent shall install 24x7 continuous emission monitoring system at process stacks emission with respect to standards prescribed in Environment (Protection) Rules 1986 vide G.S.R. 277 (E) dated 31 st March 2012 (applicable to IF/EAF) as amended from time to time and connected to SPCB and CPCB Online servers and calibrate these system from time to time according to equipment supplier specification through labs recognised under Environment (Protection) Act, 1986 or NABL accredited laboratories.	Continuous monitoring system is purchased from Forbes Marshall and installed. The fume extraction system with cyclone separators and bag filters along with ID Fan and stack installed to meet the norms.
2	The project proponent shall monitor fugitive emission in the plant premises at least once in every quarter through laboratories recognised under Environment (Protection) Act, 1986 or NABL accredited laboratories.	Monitoring done through NABL accredited laboratory and reports attached as Annexure-6.
3	The project proponent shall carryout Ambient Air Quality monitoring for common / criterion parameters relevant to the main pollutants released (e.g. PM ₁₀ and PM _{2.5} in reference to PM emission, and SO ₂ and NO _x in reference to SO ₂ and NO _x emission) within and outside the plant area (at least at four locations one within and three outside the plant area at an angle of 120° each), covering upwind and downwind directions.	AAQ monitoring report attached as Annexure -6

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4	The project proponent shall submit monthly summary report of continuous stack emission and air quality monitoring and results of manual stack monitoring and monitoring of air quality / fugitive emissions to Regional Office of MoEF & CC, Zonal office of CPCB and Regional Office of SPCB along with six-monthly monitoring report.	Online monitoring system installed and under operation. Data is being transmitted online directly to the portal of Jharkhand State Pollution Control Board, Ranchi.
5	Appropriate Air Pollution Control (APC) system shall be provided for all the dust generating points including fugitive dust from all vulnerable sources.	Multi cyclone dust collector with reactor vessels, dedicated bag filter with Pulverizer, Multi cyclone and bag filter with chrome ore pre heater installed.
6	Recycle and reuse iron ore fines, coal and coke fines, lime fines and such other fines collected in the pollution control devices and vacuum cleaning devices in the process after briquetting/agglomeration.	The dust collected in APCD partly is reused for the lining of Reactor Vessel.
7	The project proponent shall use leak proof trucks/dumpers carrying coal and other raw materials and cover them with tarpaulin.	Covered transportation is done.
8	The project proponent shall provide covered sheds for raw materials like scrap and sponge iron, lump ore, coke, coal, etc.	All raw materials are stored under shed with PCC floor and processing done under shed with PCC floor.
9	The project proponent shall provide primary and secondary fume extraction system at all melting furnaces.	Being complied. Fume extractor with multi cyclone and bag filter provided for the furnaces.
10	Design the ventilation system for adequate air changes as per ACGIH document for all tunnels, motor houses, Oil Cellars.	Adequate Air Ventilation System provided.
III. Water quality monitoring and preservation		
1	The project proponent shall carry effluent monitoring with respect to standards prescribed in Environment (Protection) Rules 1986 vide G.S.R 277 (E) dated 31st March 2012 (applicable to IF/EAF) as amended from time to time.	No effluent generated from the plant. No use of water in process. Domestic waste water routed to septic tank – soak pit combination.
2	The project proponent shall monitor regularly ground water quality at least twice a year (pre and post monsoon) at sufficient numbers of piezometers/sampling wells in the plant and adjacent areas through labs recognised under Environment (Protection) Act, 1986 and	No ground water extraction or discharge from the plant. Ground water quality Report attached as Annexure –6

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	NABL accredited laboratories.	
3	The project proponent shall submit monthly summary report of continuous effluent monitoring and results of manual effluent testing and manual monitoring of ground water quality to Regional Office of MoEF & CC, Zonal office of CPCB and Regional Office of SPCB along with six-monthly monitoring report.	No effluent generated from the plant. No use of water in process. Domestic waste water routed to septic tank – soak pit combination.
4	Adhere to 'Zero Liquid Discharge.	Complied. No discharge of any water/wastewater from the premises.
5	Sewage Treatment Plant shall be provided for treatment of domestic wastewater to meet the prescribed standards.	Sewage Treatment Plant not required as domestic waste water is very small in quantity. Domestic waste water routed to septic tank – soak pit combination.
6	The project proponent shall provide the ETP for effluents of rolling mills to meet the standards prescribed in G.S.R 277 (E) 31st March 2012 (applicable to IF/EAF) as amended from time to time.	Not Applicable. No effluent generated from the plant. No use of water in process. There is no proposal of any rolling mill.
7	Garland drains and collection pits shall be provided for each stock pile to arrest the run off in the event of heavy rains and to check the water pollution due to surface run off	Storm water drains and collection pit constructed to collect the runoff water.
8	The project proponent shall practice rainwater harvesting to maximum possible extent	Rain water harvesting plant implemented as per guidelines of State Ground Water Directorate.
9	The project proponent shall make efforts to minimise water Consumption in the steel plant complex by segregation of used water, practicing cascade use and by recycling treated water.	No use of water in process. Water used only for domestic and environment protection measures.
IV. Noise monitoring and prevention		
1	Noise level survey shall be carried as per the prescribed guidelines and report in this regard shall be submitted to Regional Officer of the Ministry as a part of six-monthly compliance report.	Being Complied. Noise monitoring reports attached as Annexure –6.
2	The ambient noise levels should conform to the standards prescribed under E(P)A Rules, 1986 viz. 75 dB(A) during day time and 70 dB(A) during night time.	Complied.
(5) Energy Conservation measures		

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1	The project proponent shall provide waste heat recovery system (pre-heating of combustion air) at the flue gases of reheating furnaces.	Not applicable. No reheating furnace or Rolling mill envisaged or proposed.
2	Practice hot charging of slabs and billets/blooms as far as possible.	No reheating furnace or Rolling mill envisaged or proposed.
3	Ensure installation of regenerative type burners on all reheating furnaces.	Not applicable. No reheating furnace or system required.
4	Provide solar power generation on roof tops of buildings, for solar light system for all common areas, street lights, parking around project area and maintain the same regularly.	No sufficient roof space available for installation of solar power. It will be complied to the extent possible.
5	Provide the project proponent for LED lights in their offices and residential areas.	LED Lights are installed in the entire premises.
VI. Waste Management		
1	Used refractories shall be recycled as far as possible.	Used refractories are utilized in house for relining of the reactor vessels.
2	Oily scum and metallic sludge recovered from rolling mills ETP shall be mixed, dried, and briquetted and reused melting Furnaces.	Not applicable. No oily scum and metallic sludge generated. No rolling mill envisaged.
3	100% utilization of fly ash shall be ensured. All the fly ash shall be provided to cement and brick manufacturers for further utilization and Memorandum of Understanding in this regard shall be submitted to the Ministry's Regional Office.	No fly ash generation. Dust collected from bag filters used as raw material in the process.
4	The waste oil, grease and other hazardous waste shall be disposed of as per the Hazardous & Other waste (Management & Transboundary Movement) Rules, 2016.	Being complied
VII. Green Belt		
1	Green belt shall be developed in an area equal to 33% of the plant area with a native tree species in accordance with CPCB guidelines. The greenbelt shall inter alia cover the entire periphery of the plant	Tree plantation is in progress. Total plant area is very small (0.92Acres only). More than 120 Tress already planted in the premises & 300 trees already planted in the premises of Adityapur Auto Cluster at approx. 3 km from our plant. Additional 2740 trees have been planted in the premises of Itagarh Panchayat, Jharsthan under

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DIRECTOR.

		Itagarh Panchayat, Tirildih under Itagarh Panchayat & Auto Cluster, Phase VI, Adityapur at approx. 10 km from our plant. Additional plantation will be taken outside the premises as directed. Photographs attached in Annexure – 15
2	The project proponent shall prepare GHG emissions inventory for the plant and shall submit the programme for reduction of the same including carbon sequestration including plantation.	This is a small-scale unit with batch process and no major foot print.
VIII. Public hearing and Human health issues		
1	Emergency preparedness plan based on the Hazard identification and Risk Assessment (HIRA) and Disaster Management Plan shall be implemented.	Emergency preparedness plan, HIRA and Disaster management plan is submitted to the Inspector of Factories, Seraikela for approval and shall be implemented.
2	The project proponent shall carry out heat stress analysis for the workmen who work in high temperature work zone and provide Personal Protection Equipment (PPE) as per the norms of Factory Act.	PPE as per the norms provided.
3	Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, crèche etc. The housing may be in the form of temporary structures to be removed after the completion of the project.	Construction completed and plant in operation.
4	Occupational health surveillance of the workers shall be done on a regular basis and records maintained as per the Factories Act.	Occupational health check-up conducted for all workers and staff. Details attached in Annexure – 7
XI. Corporate Environment Responsibility		
1	The project proponent shall comply with the provisions contained in this Ministry's OM vide F. No. 22-65/2017-IA.III dated 1st May 2018, as applicable, regarding Corporate Environment Responsibility.	CER is proposed as per norms and will be complied. And Additional CSR activity taken up like road making, drinking water, medical camp etc. Details attached in Annexure -8
2	The company shall have a well laid down environmental policy duly approve by the Board of Directors. The environmental policy should prescribe for standard	Copy of corporate environmental policy attached as Annexure - 9

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	operating procedures to have proper checks and balances and to bring into focus any infringements/ deviation/ violation of the environmental / forest /wildlife norms/ conditions. The company shall have defined system of reporting infringements / deviation / violation of the environmental / forest / wildlife norms / conditions and / or shareholders / stake holders. The copy of the board resolution in this regard shall be submitted to the MoEF & CC as a part of six-monthly report.	
3	A separate Environmental Cell both at the project and company head quarter level, with qualified personnel shall be set up under the control of senior Executive, who will directly to the head of the organization.	Environmental cell created under the Director. Office Memorandum of same is attached along with as Annexure - 9.
4	Action plan for implementing EMP and environmental conditions along with responsibility matrix of the company shall be prepared and shall be duly approved by competent authority. The year wise funds earmarked for environmental protection measures shall be kept in separate account and not to be diverted for any other purpose. Year wise progress of implementation of action plan shall be reported to the Ministry/Regional Office along with the Six-Monthly Compliance Report.	Being complied. EMP implementation being looked after by Environment Cell, headed by the Director. Details of expenses on EMP and Pollution Control from start till 31.03.2023 is attached as Annexure - 10.
5	Self-environmental audit shall be conducted annually. Every three years third party environmental audit shall be carried out	Agreed and will be complied. Environment Statement for the FY ending 31 st March 2023 is attached along with as Annexure - 11.
6	All the recommendations made in the Charter on Corporate Responsibility for Environment Protection (CREP) for the Mineral Beneficiation plants shall be implemented.	No washing or mineral beneficiation envisaged or proposed.
X. Miscellaneous		
1	The project proponent shall make public the environmental clearance granted for their project along with the environmental conditions and safeguards at their cost by prominently advertising it at least in two local newspapers of the District or	Information to the public that the project has been accorded environmental clearance by the Ministry and copies of the clearance letter are available with the SPCB and may also be seen at Website of the Ministry has been

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	State, of which one shall be in the vernacular language within seven days and in addition this shall also be displayed in the project proponent's website permanently	published in Hindustan (Hindi) and Hindustan Times dated 08.01.2019 and copies attached as Annexure – 12 & Annexure - 13. Copy of EC uploaded on company website.
2	The copies of the environmental clearance shall be submitted by the project proponents to the Heads of local bodies, Panchayats and Municipal Bodies in addition to the relevant offices of the Government who in turn has to display the same for 30 days from the date of receipt.	Letter sent to concerned offices/bodies. Receiving of same attached as Annexure – 14
3	The project proponent shall upload the status of compliance of the stipulated environment clearance conditions, including results of monitored data on their website and update the same on half-yearly basis.	Environmental Clearance letter & Compliance of last half-yearly has been uploaded on the web site of the company.
4	The project proponent shall monitor the criteria pollutants level namely; PM10, SO2, NOx (ambient levels as well as stack emissions) or critical sectoral parameters, indicated for the projects and display the same at a convenient location for disclosure to the public and put on the website of the company.	Agreed and being complied
5	The project proponent shall submit six-monthly reports on the status of the compliance of the stipulated environmental conditions on the website of the ministry of Environment, Forest and Climate Change at environment clearance portal.	Being complied
6	The project proponent shall submit the environmental statement for each financial year in Form-V to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently and put on the website of the company.	Environment Statement for the year ending 31 st March 2023 attached along with as Annexure -11.
7	The project proponent shall inform the Regional Office as well as the Ministry, the date of financial closure and final approval of the project by the concerned authorities, commencing the land development work and start of production operation by the project.	Finance for the project has been approved by: 1. Bank of Baroda, Jamshedpur Main Branch, Jamshedpur on 23.01.2019 The unit has been installed with Consent to Establish under Reference

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Signature
DIRECTOR

		No. JSPCB/HO/RNC/CTE-4948936/ 2019/270 dt: - 2019-04-16.
8	The project authorities must strictly adhere to the stipulations made by the State Pollution Control Board and the State Government.	Agreed to complied
9	The project proponent shall abide by all the commitments and recommendations made in the EIA/EMP report, commitment made during Public Hearing and also that during their presentation to the Expert Appraisal Committee	All the commitments and recommendation made in the EIA/EMP and commitments made during Public Hearing are under process of compliance.
10	No further expansion or modifications in the plant shall be carried out without prior approval of the Ministry of Environment, Forests and Climate Change (MoEF & CC).	We confirm that no expansion or modification in the plant shall be carried out without prior approval of MoEF & CC.
11	Concealing factual data or submission of false/fabricated data may result in revocation of this environmental clearance and attract action under the provisions of Environment (Protection) Act, 1986	Noted and agreed
12	The Ministry may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.	Noted and agreed
13	The Ministry reserves the right to stipulate additional conditions if found necessary. The Company in a time bound manner shall implement these conditions	Noted and agreed
14	The Regional Office of this Ministry shall monitor compliance of the stipulated conditions. The project authorities should extend full cooperation to the officer (s) of the Regional Office by furnishing the requisite data / information/monitoring reports.	Agreed and full cooperation will be made to the authorities.
15	The above conditions shall be enforced, inter-alia under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 and the Public Liability Insurance Act,	All the statutory compliances are being followed by the management.

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Asghar
DIRECTOR

	1991 along with their amendments and Rules and any other orders passed by the Hon'ble Supreme Court of India / High Courts and any other Court of Law relating to the subject matter.	
16	Any appeal against this EC shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.	Noted.

JAMSHEDPUR CHLOROCEM PVT. LTD.

Ausgubh
DIRECTOR



KALYANI LABORATORIES PVT. LTD.

PLOT NO-78914, MILLENIUM CITY PALM, BHUBANESWAR-751073, ODISHA

TEST REPORT



NABL ULR NO : TC704323000015910P
Test Report No : 1662 | KLPL/2/23/ENVN/02151
Amendment No : -
Reference : -
Customer Name : JAMSHEDPUR CHLOROCEM PVT. LTD.
Address : PLOT NO. NS-88, VITH PHASE, ADITYAPUR IND. AREA, GAMHARIA-832108
Date of receipt : 22-Feb-2023 **Commenced On** : 22-Feb-2023 **Completion On** : 01-Mar-2023
Sample Name : **LOW CARBON FERRO CHROME SLAG**
Sample Condition : SEALED
Quantity : 500G
Ref. To Sampling Procedure : -

Issue Date : 01-Mar-2023
Amendment Date : -

Parameters	Unit	Standard Value**	Results	Test Method
Location & Date : -				
Chromium Hexavalent	mg/l	5.0	4.7	TCLP Criteria of hazardous waste characterization procedure and for extraction of leachable constituents, USEPA Test Method 1311
Copper (as Cu)	mg/l	25.0	0.031	TCLP Criteria of hazardous waste characterization procedure and for extraction of leachable constituents, USEPA Test Method 1311
Chromium (as Cr)	mg/l	5.0	2.06	TCLP Criteria of hazardous waste characterization procedure and for extraction of leachable constituents, USEPA Test Method 1311
Zinc (as Zn)	mg/l	250	0.083	TCLP Criteria of hazardous waste characterization procedure and for extraction of leachable constituents, USEPA Test Method 1311
Cadmium (As Cd)	mg/l	1.0	<0.001	TCLP Criteria of hazardous waste characterization procedure and for extraction of leachable constituents, USEPA Test Method 1311
Lead (Pb)	mg/l	5.0	0.012	TCLP Criteria of hazardous waste characterization procedure and for extraction of leachable constituents, USEPA Test Method 1311
Mercury (as Hg)	mg/l	0.2	<0.0005	TCLP Criteria of hazardous waste characterization procedure and for extraction of leachable constituents, USEPA Test Method 1311
Iron (as Fe)	mg/l	--	1.27	TCLP Criteria of hazardous waste characterization procedure and for extraction of leachable constituents, USEPA Test Method 1311
Nickel (Ni)	mg/l	20.0	0.03	TCLP Criteria of hazardous waste characterization procedure and for extraction of leachable constituents, USEPA Test Method 1311
Fluoride (as F)	mg/l	100	<0.05	TCLP Criteria of hazardous waste characterization procedure and for extraction of leachable constituents, USEPA Test Method 1311

Remarks : ** According to Hazardous and other Wastes (Management and Transboundary Movement) Rule 2021 - Schedule II.

Any unusual feature observed during determination : -

End of Test Report

D. Anurag
 Analysed By
 For Kalyani Laboratories Pvt. Ltd.



Authorised Signatory
 For Kalyani Laboratories Pvt. Ltd.

3E261591037046

KLPL-360277A (1)



JHARKHAND STATE POLLUTION CONTROL BOARD

TOWNSHIP ADMINISTRATION BUILDING, HEC COMPLEX, DHURWA, RANCHI 834004
Telephone: 0651-2400850 (Fax)/ 2400851/2400852/2401847/2400979/2400139

Ref No.: JSPCB/HO/RNC/CTE-4948936/2019/270

Dated : 2019-04-16

Consent to Establish (CTE) under section 25 /26 of the Water (Prevention & Control of Pollution) Act, 1974 and under section 21 of the Air (Prevention & Control of Pollution) Act, 1981

1. Reference: Application (s) No.- 4948936 / dated : 15/03/2019 of JAMSHEDPUR CHLOROCEM PVT. LTD, MANOJ KUMAR GUTGLTIA for consent under section 25 /26 of the Water (Prevention & Control of Pollution) Act, 1974 and under section 21 of the Air (Prevention & Control of Pollution) Act, 1981

2. **Documents Relied Upon:**

(i) The contents of N.O.C. application, Project report and the documents furnished in support of application.

(ii) The related provisions of the Water (Prevention & Control of Pollution) Act, 1974 and under section 21 of the Air (Prevention & Control of Pollution) Act, 1981 and the Environment (Protection) Act, 1986.

(iii) The content of Registered land agreement no. 64/62/2000 dated 11.12.2000;

(v) The content of affidavit for surrender of CTE & CTO for Hydrated Lime-1200 TPA & dismantling the existing unit for new plant;

(vi) The content of Self-declaration for procuring raw material from valid source,

(vii) The content of affidavit for implementation of environment management plan and pollution control measures with budgetary provision for implementation;

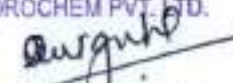
(viii) The content of Environmental Clearance granted by MoEF&CC, GoI vide ref. no. J-11011/459/2017-I(A),II(I), dated 24.12.2018 for LC Ferro Chrome & LC Ferro Manganese-3600 TPA, Ferro Molybdenum-1200 TPA, Ferro Vanadium-1200 TPA;

(iv) The content of inspection report (IR) vide Ref. No. 551 dated 25.03.2019 regarding forest distance.

3. The consent is granted under section 25 / 26 of the Water (Prevention & Control of Pollution) Act, 1974 and under section 21 of the Air (Prevention & Control of Pollution) Act, 1981 to establish the project in Mauza- GAMHARIA, P S -GAMHARIA, District-SERAIKELA KHARSAWAN as follows:

Project	Site-Area		Investment (Rs)/ Year	Product & Capacity	Period of CTE
	Plot Nos.	Area			

JAMSHEDPUR CHLOROCEM PVT. LTD.

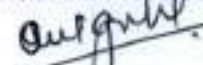

DIRECTOR.

Before Expansion	Plot no. NS-88, Vth Phase, AIA, Gamaharia, Seraikela-Kharsawa	40000 sq.ft.	200 Lac	LC Ferro Chrome & LC Ferro Manganese-3600 TPA, Ferro Molybdenum-1200 TPA, Ferro Vanadium-1200 TPA	Six months from date of issue
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(A) Specific Conditions:

- (1) That, the proponent shall obtain consent to operate from State Pollution Control Board under section 25 & 26 of the Water (Prevention & Control of Pollution) Act, 1974 and under section 21 of the Air (Prevention & Control of Pollution) Act, 1981 prior to commissioning of the plant;
- (2) That, the proponent shall obtain authorization under the Hazardous Waste (Management, Handling and Trans Boundary) Rules, 2008;
- (3) That, the proponent shall abide by the provisions of the Environment (Protection) Act, 1986 and submit the reports of effluent, emission, ambient air quality and noise level monitored before and after commissioning of the plant in compliance of the standards prescribed in the Environment (Protection) Rules, 1986;
- (4) That, the proponent shall collect and treat the effluent in foolproof latest system and shall recycle treated effluent for re-use and shall ensure no discharge of effluent outside the premises;
- (5) That, the proponent shall make stack(s) of the height and with the provision(s) of emission monitoring port hole(s), ladder(s) and platform(s) as prescribed by Central Pollution Control Board;
- (6) That, the proponent shall ensure continuous and uninterrupted power supply with provision of separate energy meters for the pollution control systems to enable the pollution control systems to function uninterruptedly;
- (7) That, the proponent shall use D.G. set of 200 KVA having specification as prescribed in the Environment (Protection) Rules, 1986 and shall house it in integral acoustic enclosure and shall keep the height of exhaust pipe as per Central Pollution Control Board norms;
- (8) That, the proponent shall dispose of hazardous wastes in the manner as specified under Hazardous Waste Management Rules, 2016;
- (9) That, the proponent shall do tree plantation in 33% of vacant spaces within the premises. Selection of plant species shall be as per CPCB guidelines in consultation with local DFO;
- (10) That, the proponent shall implement plan of rainwater harvesting with establishment of the project. Rain Water Harvesting plan must be approved by Ground Water Directorate, Govt. of Jharkhand;
- (11) That, the proponent shall make all inside and approach (within the control of the proponent) roads pucca and shall maintain a good housekeeping by regular cleaning and wetting of the premises and dust prone areas;

JAMSHEDPUR CHLORO-CHEM PVT. LTD.

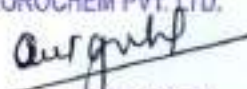

DIRECTOR.

- (12) That, the proponent shall store all raw materials and products under shed and shall as far as practicable do their processing and transfer under foolproof cover(s);
- (13) That, the proponent shall use fly ash and or fly ash bricks in construction of the project;
- (14) That, the proponent shall use all solid wastes as resource as a raw material or a product;
- (15) That, the proponent shall submit compliance report of Environmental Clearance granted by Ministry of Environment and Forest, Govt. of India, New Delhi, as per the requirement of Environmental Clearance to the Board accordingly;
- (16) That, the proponent shall submit the compliance report of consent order granted to the existing unit vide memo No. B-2144 dated 17-08-2011 as per the consent order;
- (17) That, the proponent shall install install Wet Scrubber and Venturi Scrubber System for control of SO₂ and dust from the chimney. and stack attached to it of a height of at least 110' ft from the ground level to control the dusts and gaseous emissions;
- (18) That, the proponent shall make proper arrangement for disposal of all the solid wastes to be generated during production of pencil ingots;
- (19) That, this consent to establish is subject to statutory and other clearances from Govt. of Jharkhand or Ministry of Environment & Forest, Govt. of India as and when applicable.

(B) General Conditions :

- (1) That, the occupier shall construct pucca (i) minimum ten feet high boundary wall and (ii) approach road and internal roads and shall keep the premises neat and clean and tidy.
- (2) That, the occupier shall install comprehensive enclosure (s) to cover the places of unloading of raw materials, the equipments of their processing & transferring, the places of loading of products, by products and wastes for prevention of fugitive emission and shall install such automatic inbuilt system(s) that in house dust/ gases collect(s) and undergo (es) cleaning and clean air goes out.
- (3) That, the occupier shall install such automatic inbuilt system(s) that process flue gas(es) / process gas(es) and undergo(es) cleaning and clean air go(es) out through the chimney(s), having height(s) as per Central Pollution Control Board norm.
- (4) That, the occupier shall have D G Set(s) of the standard as laid in the Environment (protection) Rules, 1986 and shall install it (them) within acoustic enclosure (s) and shall keep the height(s) of exhaust pipe(s) as per Central Pollution Control Board norm .
- (5) That, the occupier shall impart treatment as per Central Pollution Control Board text to wastewater and shall keep process effluent in close-circuit and effluent from other sources in conformity with the standard (s).
- (6) That, the occupier shall install Central Ground Water Board/ State Ground Water Directorate approved system of rain water harvesting-cum-ground water recharge.

JAMSHEDPUR CHLOROCEM PVT. LTD.


DIRECTOR.

(7) That, the occupier shall create new water body (ies) / remove deposit(s) of existing water body(ies) and nearby stream(s) and pond(s) and shall maintain the wholesomeness of water.

(8) That, the occupier shall grow greenery in the periphery and other available spaces and shall continue enhancing its plant density and biodiversity.

(9) That, this CTE is valid subjected to the validity of mining Lease / Mining Plan / Ecofriendly / Environmental Clearance, if applicable. In case of no renewal of Mining Lease/Mining Plan, this consent shall be treated as revoked automatically.

(10) That, this CTE is issued from the environmental angle only and does not absolve the occupier from other statutory obligations prescribed under any other law or any other instrument in force. The sole and complete responsibility to comply with these conditions laid down in all other laws for the time being in force, rests with the industry/ unit/ occupier.

(11) That, this CTE shall not in any way, adversely affect or jeopardize the legal proceeding , if any, instituted in the past or that could be , instituted against you by the State Board for violation of the provisions of the Act or the Rules made there under.

(12) That, the occupier shall comply with all applicable provisions of the Water (Prevention & Control of Pollution) Act, 1974; the Water (Prevention & Control of Pollution) Cess Act, 1977; the Air (Prevention & Control of Pollution) Act, 1981; and the Environment (Protection) Act, 1986 and Rules there under.

4. That, this CTE shall not absolve the occupier from making compliance of other statutory prescribed under any law or direction of courts or any other instrument for the time being in force.
5. That, this CTE is being issued on the basis of information/ documents/ certificate submitted by the unit. This CTE will be revoked if any of the information/ documents/ certificates/ undertaking given by the occupier is found false/fictitious/forged in future.
6. This order shall be valid subject to compliance of all other legal requirements applicable to the unit.
7. The State Board reserves the right to revoke, withdraw or make any reasonable variation / change / alteration in condition of this consent.

This is issued with the approval of the competent authority

DINESH
PRASAD
SINGH

Digitally signed by
DINESH PRASAD SINGH
Date: 2019.04.16
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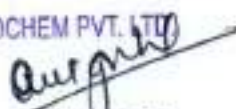
(Dinesh Prasad Singh)
Environmental Engineer

Memo No. : JSPCB/HO/RNC/CTE-
4948936/2019/270

Dated : 2019-04-16

Copy to : M/s JAMSHEDPUR CHLOROCEM PVT. LTD., NS-88, 6TH-PHASE, AIA, Seraikela Kharsawan/ Chief Inspector of Factory, Doranda, Ranchi/ Director Industries, Govt. of Jharkhand, Ranchi/ Deputy Commissioner, Seraikela Kharsawan/ D.F.O, Seraikela Kharsawan/ Regional Office, J.S.P.C. Board, Jamshedpur for information and necessary action.

JAMSHEDPUR CHLOROCEM PVT. LTD


DIRECTOR,

DINESH
PRASAD SINGH

Digitally signed by
DINESH PRASAD SINGH
Date: 2019.04.16
15:49:26 +05'30'

(Dinesh Prasad Singh)
Environmental Engineer

JAMSHEDPUR CHLOROCEM PVT. LTD.

Dinesh Prasad Singh
DIRECTOR



JHARKHAND STATE POLLUTION CONTROL BOARD

TOWNSHIP ADMINISTRATION BUILDING, HEC COMPLEX, DHURWA, RANCHI 834004
Telephone: 0651-2400850 (Fax)/ 2400851/2400852/2401847/2400979/2400139

Ref No. JSPCB/HO/RNC/CTO-8911700/2020/1735

Dated : 2020-10-18

Consent to operate (CTO) under section 25 /26 of the Water (Prevention & Control of Pollution) Act, 1974 and under section 21 of the Air (Prevention & Control of Pollution) Act, 1981

1. Application (s) dated 2020-09-14 of JAMSHEDPUR CHLOROCEM PVT. LTD, Occupier Name :MANOJ KUMAR GUTGUTIA for consent under section 25 (1)(b)/25 (1) (c)/26 of the Water (Prevention & Control of Pollution) Act, 1974 and under section 21(1) of the Air (Prevention & Control of Pollution) Act,1981..

2. Documents Relied Upon:

(i) The content of Consent to establish (CTE) vide Ref No.: JSPCB/HO/RNC/CTE-4948936/2019/270 Dated : 2019-04-16 for for LC Ferro Chrome & LC Ferro Manganese- 3600 TPA, Ferro Molybdenum1200 TPA, Ferro Vanadium-1200 TPA;

(ii) The content of Consent to operate (CTO) vide Ref No. JSPCB/HO/RNC/CTO-6577790/2019/2350 Dated : 2019-11-19 for LC Ferro Chrome & LC Ferro Manganese 3600 TPA, Ferro Molybdenum- 1200 TPA, Ferro Vanadium-1200 TPA valid up to 30.09.2020 with compliance report;

(iii) The content of Registered land agreement no. 64/62/2000 dated 11.12.2000;

(iv) The content of affidavit for surrender of CTE & CTO for Hydrated Lime-1200 TPA & dismantling the existing unit for new plant;

(v) The content of Self-declaration for procuring raw material from valid source,

(vi) The content of affidavit for implementation of environment management plan and pollution control measures with budgetary provision for implementation;

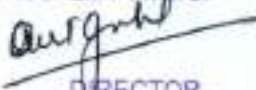
(vii) The content of Environmental Clearance granted by MoEF&CC, GoI vide ref. no. J-11011/459/2017-1(A).II(I), dated 24.12.2018 for LC Ferro Chrome & LC Ferro Manganese-3600 TPA, Ferro Molybdenum1200 TPA, Ferro Vanadium-1200 TPA;

(viii) The content of inspection report (IR) vide Ref. No. 933 dated 24.09.2020 regarding forest distance.

3. The consent is granted under section 25 / 26 of the Water (Prevention & Control of Pollution) Act, 1974 and under section 21 of the Air (Prevention & Control of Pollution) Act, 1981 to operate the project in Mauza -GAMHARIA , P S -GAMHARIA , District -SERAIKELA KHARSAWAN , as follows:

Project	Site-Area		Investment (Rs)	Product & Capacity	Period of CTO
	Plot Nos.	Area			Date of issue To

JAMSHEDPUR CHLOROCEM PVT. LTD.


DIRECTOR.

Before Expansion	Plot no. NS-88, Vth Phase, AIA, Gamaharia, Seraikela Kharsawa	40000 sq.ft.	200 Lac	LC Ferro Chrome & LC Ferro Manganese 3600 TPA, Ferro Molybdenum 1200 TPA, Ferro Vanadium-1200 TPA	30/09/2025
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(A) Specific Conditions:

1. That, the occupier shall do unloading of Coal in such a covered area that fugitive emissions shall be minimum and fixed type water sprinkling system must be installed in this area;
2. That, the occupier shall make Work area and transport roads concrete/ black top within two months of issue of this consent order failing which Consent to Operate shall be revoked.
3. That, the occupier shall purchase raw material only from valid source and shall maintain record of it and shall show the record to the Inspecting Officer during inspection;
4. That, the occupier shall inform to Regional Office-Cum- Lab, JSR and Head Office, JSPC Board, at Ranchi within 24 hrs from the time of closure or opening of the plant.
5. That, the occupier shall operate Pollution Control Device (APCD) i.e. wet scrubber regularly and shall maintain height of stack of at least 30 mtr from the ground level and maintain the standard of particulate matters/ dust concentration in stack emission of 150 mg/Nm³;
6. That, the occupier shall re-circulate the scrubbing water and reuse after proper settling and treatment and in no case it shall be discharged out of premises;
7. That, the occupier shall if be found violating the Consent to Operate at any point of time during inspection of the plant by the competent authority, the Consent to Operate shall be revoked as per provision of the acts.
8. That, the occupier shall submit online applications for renewal of consent under section 25 of the Water (Prevention & Control of Pollution) Act, 1974 and under section 21 of the Air (Prevention & Control of Pollution) Act, 1981 again 04 months prior to the date of expiry of this consent i.e. 30.09.2025 with documents showing compliance of all of the above conditions.

(B) General Conditions :

- (1) That, the occupier shall maintain the **National Ambient Air Quality Standard** given below:

JAMSHEDPUR CHLORO CHEM PVT. LTD.

[Signature]
DIRECTOR.

S N	Pollutant	Time Weighted Average	Concentration in Ambient Air	
			Industrial, Residential, Rural and Other Area	Ecologically Sensitive Area (notified by Central Govt.)
(1)	(2)	(3)	(4)	(5)
1.	Sulphur Dioxide (SO ₂), µg/m ³	Annual 24 hours	50 80	20 80
2.	Nitrogen Dioxide (NO ₂), µg/m ³	Annual 24 hours	40 80	30 80
3.	Particulate Matter (size less than 10 µm) or PM ₁₀ , µg/m ³	Annual 24 hours	60 100	60 100
4.	Particulate Matter (size less than 2.5 µm) or PM _{2.5} , µg/m ³	Annual 24 hours	40 60	40 60
5.	Ozone(O ₃), µg/m ³	8 hours 1 hour	100 180	100 180
6.	Lead (Pb) µg/m ³	Annual 24 hours	0.50 1.0	0.50 1.0
7.	Carbon Monoxide (CO) mg/m ³	8 hours 1 hour	02 04	02 04
8.	Ammonia (NH ₃) µg/m ³	Annual 24 hours	100 400	100 400
9.	Benzene (C ₆ H ₆) µg/m ³	Annual	05	05
10.	Benzo(a) Pyrene(BaP) Particulate Phase only ng/m ³	Annual	01	01
11.	Arsenic (As) ng/m ³	Annual	06	06
12.	Nickel (Ni) ng/m ³	Annual	20	20

Note : Serial no. 1 to 4 – Mandatory
Serial no. 5 to 12 As applicable for specific type of industry.

JAMSHEDPUR CHLORO CHEM PVT. LTD.

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 DIRECTOR.

- (2) That, the occupier shall maintain the emission quality within the standard and the quantity, as follows:

S N	Parameter	Standard
1	Particulate Matter	100 mg/ Nm ³

- (3) That, the occupier shall keep process effluent in close-circuit and the quality of effluent from other sources in conformity with the standard (s) and the discharge quantity as below:

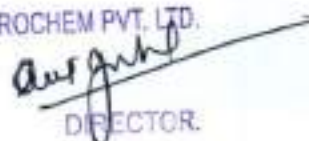
S N	Parameter	Standard
1	Total Suspended Solids	100 mg/L
2	BOD	30 mg/L
3	COD	250 mg/L
4	Oil & Grease	10 mg/L

- (4) That, the occupier shall dispose of solid wastes as follows:

S N	Waste Type	Mode of Disposal
1	Hazardous Carbonaceous Wastes	In co-processing in high temperature furnaces or kilns
2	Hazardous Non-Carbonaceous Wastes	In TSDF
3	Non-Carbonaceous Non-Hazardous solid wastes/ Mine Over Burden	As a substitute of Soil or Mineral

- (5) That, the occupier shall keep D G Set(s) within acoustic enclosure and shall keep the height(s) of exhaust pipe(s) as per Central Pollution Control Board norm.
- (6) That, the occupier shall install and maintain Central Ground Water Board/ State Ground Water Directorate approved system of rain water harvesting-cum-ground water recharge and submit the photographic view of the structures within a month.
- (7) That, the occupier shall grow and maintain greenery of the project in the periphery and other available spaces and shall continue enhancing its plant density and biodiversity.
- (8) That, the occupier shall submit environmental statement with supporting stoichiometric calculations analyses reports, every year latest by 30th September of the next financial year.
- (9) That, the occupier shall submit report(s) duly monitored and issued by an NABL accredited / ISO 9001:2008 and OHSAS 18001:2007 certified laboratory in compliance sub-para (2), (3), (4) and (5) of paragraph 3 of this CTO yearly at required periodicity.

JAMSHEDPUR CHLORO CHEM PVT. LTD.


DIRECTOR.

- (10) That, this CTO is valid subjected to the validity of mining Lease/Mining Plan/Ecofriendly/Environmental Clearance, if applicable. In case of no renewal of Mining Lease/Mining Plan, this consent shall be treated as revoked automatically.
 - (11) That, this CTO is issued from the environmental angle only and does not absolve the occupier from other statutory obligations prescribed under any other law or any other instrument in force. The sole and complete responsibility to comply with these conditions laid down in all other laws for the time-being in force, rests with the industry/ unit/ occupier.
 - (12) That, this CTO shall not in any way, adversely affect or jeopardize the legal proceeding , if any, instituted in the past or that could be , instituted against you by the State Board for violation of the provisions of the Act or the Rules made there under.
 - (13) That, the occupier shall comply with all applicable provisions of the Water (Prevention & Control of Pollution) Act, 1974; the Water (Prevention & Control of Pollution) Cess Act, 1977; the Air (Prevention & Control of Pollution) Act, 1981; and the Environment (Protection) Act, 1986 and Rules made there under.
4. That, this CTO shall not absolve the occupier from making compliance of other statutory prescribed under any law or direction of courts or any other instrument for the time being in force.
 5. That, this CTO is being issued on the basis of information/ documents/ certificate submitted by the unit. This CTO will be revoked if any of the information/documents/certificates/undertaking given by the occupier is found false/fictitious/forged in future.
 6. The Order shall be valid subject to compliance of all other legal requirements applicable to the unit.
 7. The State Board reserve the right to revoke, withdraw or make any reasonable variation / change / alteration in conditions of this consent.

This is issued with the approval of the Competent authority

DINESH PRASAD SINGH
Digitally signed by DINESH PRASAD SINGH
Date: 2020.10.18 13:02:45 +05'30'
(Dinesh Prasad Singh)
Environmental Engineer

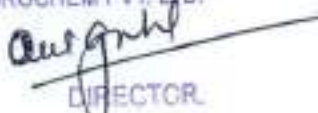
Dated : 2020-10-18

Memo No. : JSPCB/HO/RNC/CTO-8911700/2020/1735

Copy to: M/s JAMSHEDPUR CHLOROCEM PVT. LTD., NS-88, 6TH-PHASE, AIA, Seraikela Kharsawan/ Chief Inspector of Factory, Doranda, Ranchi/ Director Industries, Govt. of Jharkhand, Ranchi/ Deputy Commissioner, Seraikela Kharsawan/ D.F.O, Seraikela Kharsawan/ Regional Office, J.S.P.C. Board, Jamshedpur for information and necessary action.

DINESH PRASAD SINGH
Digitally signed by DINESH PRASAD SINGH
Date: 2020.10.18 13:02:53 +05'30'
(Dinesh Prasad Singh)
Environmental Engineer

JAMSHEDPUR CHLOROCEM PVT. LTD.


DIRECTOR

ADITYAPUR MUNICIPAL CORPORATION

WATER USER CHARGE

Payment Receipt

Receipt No. 443245-14102022115919

Date: 14-10-2022

Department / Section

Ward No - 28

Account Description : Water Fees (User Charge), Fees, Other Charges & Deposits

Holding No : SAF NOT DONE

Consumer No : ADH30919014425200938

Consumer No : M-215

Received From Smt / Smt.

M/S JAMSHEDPUR
CHLOROCEM

C/O

NA

Address :

NS-8E SIXTH PHASE
ADITYAPUR

Mobile No

7004686657

A Sum of Rs. 540.00

(in words): Five Hundred and Forty only.

towards Water Fees (User Charge), Fees, Other Charges & Deposits via CASH

WATER USES CHARGE DETAILS

Code of Amount	Account Description	Period	Due Period	Amount
1405012	Water Fees (User Charge)(2022 - 2023)	01-09-2022 - 31-10-2022	2 Month(s)	540.00
1801003	Water Supply Deposits (Deposit Fortified)			
1404007	Disconnection Fees			
1402001	Water Connection Deposit(Refundable)			
1407004	Road Damage Recovery			
1718003	Interest on Water Tax Receivables			
Total Billing Amount				540.00
Amount Received				540.00
Rebate Amount				0.00
Total Due				0.00

सब शासन आपका अधिकार है, मजदूरी बने



Signature of Tax Collector

For Details Please Visit : udhd.jharkhand.gov.in
OR Call us at 18002586545

Print Date : 14-10-2022

NOTE : This is a Computer generated receipt. This receipt does not require physical signature.

In Collaboration with
Sparrow Softtech Pvt. Ltd.
H-117, Harmu Housing
Colony, Sajanand
Chowk, Ranchi

JAMSHEDPUR CHLOROCEM PVT. LTD.

DIRECTOR

ADITYAPUR MUNICIPAL CORPORATION

WATER USER CHARGE

Payment Receipt

Receipt No: **454557-112202214658**

Date: **01-12-2022**

Department / Section:

Ward No: **20**

Account Description: **Water Fees (User Charge), Fees, Other Charges & Deposits**

Holding No: **SAF NOT DONE**

Consumer No: **AD13001301442520028**

Old Consumer No: **M-215**

Received From: **Shri / Smt.**

M/S JAMSHEDPUR CHLOROCEM CO

NA

Address:

NS-88 SIXTH PHASE ADITYAPUR

Mobile No: **7004606657**

A Sum of Rs. **540.00**

(in words) **Five Hundred and Forty only**

towards **Water Fees (User Charges), Fees, Other Charges & Deposits** vide GASH

WATER USER CHARGE DETAILS

Code of Amount	Account Description	Period/Units	Due Period	Amount
1400912	Water Fees (User Charges) 2022 - 2023	01-11-2022 - 31-12-2022	2 Month(s)	540.00
1801003	Water Supply Deposits (Deposit Forfeited)			
1404037	Disconnection Fees			
3402081	Water Connection Deposit (Refundable)			
1407054	Pipe Damage Recovery			
1718003	Interest on Water Tax Receivable			
			Total Billing Amount	540.00
			Amount Received	540.00
			Total Due	0.00

Signature of Tax Collector

For Details Please Visit: uchd.jharkhand.gov.in
OR Call us at 18002586545

In Collaboration with
Sparrow Softtech Pvt. Ltd.
H-117, Harma Housing
Colony, Sajanand
Chowk, Ranchi

Print Date: **01-12-2022**

NOTE: This is a Computer generated receipt. This receipt does not require physical signature.

JAMSHEDPUR CHLOROCEM PVT. LTD.

Aulghab
DIRECTOR.

ADITYAPUR MUNICIPAL CORPORATION

WATER USER CHARGE

Payment Receipt

Receipt No: 473854-622023205228

Date : 06-02-2023

Department / Section :

Ward No : 20

Account Description : Water Fees (User Charge), Fees, Other Charges & Deposits

Holding No : SAF NOT DONE

Consumer No : ADH30919014425200928

Old Consumer No :

M-215

Received From Shri / Smt

M/S JAMSHEDPUR CHLOROCEM C/O

NA

Address :

NS-88 SIXTH PHASE ADITYAPUR Mobile No

7004686657

ASum of Rs. 540.00

(in words) Five Hundred and Fourty only.

towards Water Fees (User Charges), Fees, Other Charges & Deposits vide CASH

WATER USES CHARGE DETAILS

Code of Amount	Account Description	Period/Units	Due Period	Amount
1405012	Water Fees (User Charge)(2023 - 2024)	01-01-2023 - 28-02-2023	2 Month(s)	540.00
1801003	Water Supply Deposits (Deposit Fortified)			
1404007	Disconnection Fees			
3402001	Water Connection Deposit(Refundable)			
1407004	Road Damage Recovery			
1718003	Interest on Water Tax Receivable			
			Total Billing Amount	540.00
			Amount Received	540.00
			Total Due	0.00

Signature of Tax Collector

For Details Please Visit : udhd.jharkhand.gov.in
OR Call us at 18002566545

In Collaboration with
Sparrow Softech Pvt. Ltd.
H-117, Hamu Housing
Colony, Sajanand
Chowk, Ranchi

Print Date : 06-02-2023

NOTE : This is a Computer generated receipt. This receipt does not require physical signature.

JAMSHEDPUR CHLOROCEM PVT. LTD.

Signature
DIRECTOR

ADITYAPUR MUNICIPAL CORPORATION

WATER USER CHARGE

Payment Receipt

Receipt No. 483028-103202312913

Date : 10-03-2023

Department / Section :

Ward No : 20

Account Description : Water Fees (User Charge), Fees, Other Charges & Deposits

Holding No : SAF NOT DONE

Consumer No : ADI130919014425200928

Old Consumer No : M-215

Received From Shri / Smt.

M/S JAMSHEDPUR
CHLOROCEM

C/O

NA

Address :

NS-88 SIXTH PHASE
ADITYAPUR

Mobile No

7004606657

A Sum of Rs. 270.00 (in words) Two Hundred and Seventy only.

towards Water Fees (User Charges), Fees, Other Charges & Deposits vide CASH

WATER USES CHARGE DETAILS

Code of Amount	Account Description	Period	Due Period	Amount
1405012	Water Fees (User Charge)(2022 - 2023)	01-03-2023 - 31-03-2023	1 Month(s)	270.00
1801003	Water Supply Deposits (Deposit Fortified)			
1404007	Disconnection Fees			
3402001	Water Connection Deposit(Refundable)			
1407004	Road Damage Recovery			
1718003	Interest on Water Tax Receivable			
			Total Billing Amount	270.00
			Amount Received	270.00
			Rebate Amount	0.00
			Total Due	0.00

मत दाखना आपका अधिकार है, मतदाता बने



Signature of Tax Collector

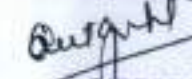
For Details Please Visit : udhd.jharkhand.gov.in
OR Call us at 18002586545

Print Date : 10-03-2023

NOTE : This is a Computer generated receipt. This receipt does not require physical signature.

In Collaboration with
Sparrow Softech Pvt. Ltd.
H-117, Harmu Housing
Colony, Sajjanand
Chowk, Ranchi

JAMSHEDPUR CHLOROCEM PVT. LTD.


DIRECTOR



JHARKHAND STATE POLLUTION CONTROL BOARD
T.A. DIVISION BUILDING (GROUND FLOOR), H.E.C., DHURWA, RANCHI -834004
Phone :2400852, 2400851, Fax:0651- 2400850 www.jspcb.org

FORM 2

[See rule 6(2)]

FORM FOR GRANT OR RENEWAL OF AUTHORIZATION BY STATE POLLUTION CONTROL BOARD TO THE OCCUPIERS, RECYCLERS, REPROCESSORS, REUSERS, USER AND OPERATORS OF DISPOSAL FACILITIES

1. No. of authorization and date of issue: JSPCB/RO/JSR/HWM-9013202/2020/4 15/10/2020
2. Reference of application(No. and date): 9013202 24/09/2020
3. JAMSHEDPUR CHLOROCEM PVT. LTD of MANOJ KUMAR GUTGUTIA is hereby granted an authorisation based on the enclosed signed inspection report for generation, collection, reception, storage, transport, reuse, recycling, recovery, pre-processing, co-processing, utilisation, treatment, disposal or any other use of hazardous or other wastes or both on the premises situated at NS-88, 6TH-PHASE, ADITYAPUR INDUSTRIAL AREA, GAMHARIA, DIST.- SARAIKELA-KHARSAWAN, JHARKHAND

Details of Authorisation

Sl.No.	Category of Hazardous Waste as per the Schedules I, II and III of these rules	Authorised mode of disposal or recycling or utilisation or co-processing, etc.	Quantity(ton/annum)
1	Chromium compounds(VI), 7.1 & 7.4	M/s Adityapur Waste Management Pvt. Ltd. TSDf	36 Tone/Year

(1) The authorisation shall be valid for a period of Upto 23.09.2025

(2) The authorisation is subject to the following general and specific conditions (Please specify any conditions that need to be imposed over and above general conditions, if any):

A General conditions of authorisation:

1. The authorised person shall comply with the provisions of the Environment (Protection) Act, 1986, and the rules made there under.
2. The authorisation or its renewal shall be produced for inspection at the request of an officer authorised by the State Pollution Control Board.
3. The person authorised shall not rent, lend, sell, transfer or otherwise transport the hazardous and other wastes except what is permitted through this authorisation.
4. Any unauthorised change in personnel, equipment or working conditions as mentioned in the application by the person authorised shall constitute a breach of his authorisation.

JAMSHEDPUR CHLOROCEM PVT. LTD.

Signature
DIRECTOR.

5. The person authorised shall implement Emergency Response Procedure (ERP) for which this authorisation is being granted considering all site specific possible scenarios such as spillages, leakages, fire etc. and their possible impacts and also carry out mock drill in this regard at regular interval of time.
6. The person authorised shall comply with the provisions outlined in the Central Pollution Control Board guidelines on "Implementing Liabilities for Environmental Damages due to Handling and Disposal of Hazardous Waste and Penalty"
7. It is the duty of the authorised person to take prior permission of the State Pollution Control Board to close down the facility.
8. The imported hazardous and other wastes shall be fully insured for transit as well as for any accidental occurrence and its clean-up operation.
9. The record of consumption and fate of the imported hazardous and other wastes shall be maintained.
10. The hazardous and other waste which gets generated during recycling or reuse or recovery or pre-processing or utilisation of imported hazardous or other wastes shall be treated and disposed of as per specific conditions of authorisation.
11. The importer or exporter shall bear the cost of import or export and mitigation of damages if any.
12. An application for the renewal of an authorisation shall be made as laid down under these Rules.
13. Any other conditions for compliance as per the Guidelines issued by the Ministry of Environment, Forest and Climate Change or Central Pollution Control Board from time to time.
14. Annual return shall be filed by June 30th for the period ensuring 31st March of the year.

B Specific conditions:

- (1) An application for the renewal of an authorization shall be made as laid down in Sl. No. 5 (6) (II) of Hazardous waste (Management & Handling) Rules, 1989.
- (2) The quantities with categories and names of Hazardous wastes generated shall be submitted within one month.
- (3) Hazardous Wastes shall be kept in secured land and sent to authorized recycler.
- (4) The unit shall maintain records of collection, Reception, Treatment, Storage & Disposal of H/W in form-3 and submit annual return in form-4 as per the rules.
- (5) That, the unit shall install H.W. Display Board at main gate and update it from time to time.

Memo No:JSPCB/RO/JSR/HWM-9013202/2020/4
Date: 15/10/2020

SURESH PASWAN
Digitally signed by SURESH PASWAN
Date: 2020.10.15
14:34:56 +05'30'
(Suresh Paswan)
Regional Officer

Copy To:

M/s Jamshedpur Chlorochem Pvt. Ltd., NS-88, 6th-Phase, AIA, Gamharia, Dist- Saraikela Kharsawan/Deputy Commissioner, Saraikela Kharsawan/Factory Inspector, Saraikela Kharsawan/Regional Director, JIADA/The Member Secretary, Jharkhand State Pollution Control Board, Ranchi for information.

JAMSHEDPUR CHLOROCEM PVT. LTD


DIRECTOR.

SURESH PASWAN
Digitally signed by SURESH PASWAN
Date: 2020.10.15
14:35:14 +05'30'
(Suresh Paswan)
Regional Officer



ENVIRONMENTAL LABORATORIES &

PLOT NO-30, MANSAROVAR ENCLAVE, TUPUDANA
HATIA, RANCHI-834003 (JHARKHAND)
GST NO:- 20AAECE97180124

ENGINEERING SERVICES PVT. LTD.

Email: info@elespl.co.in, eles_ranchi@gmail.com

Phone no : 0651-2290103

Website : www.elespl.co.in



CIN: U74999IN2018PTC011125

TC-8828

TEST REPORT

Test Report No. : ELES/RNC/2023/0651	Report Release Date : 15.03.2023
ULR No. : TC883923000000245F	

CUSTOMER DETAILS		SAMPLE DETAILS	
Customer Name	: Jamshedpur Chlorochem Pvt. Ltd.	Sample Ref. No.	: ELES/RNC/2023/AA/0341
Address	: Plot No.- NS-88, VI th Phase	Location	: North East Corner of the Plant
	: Adityapur Industrial Area, Dist- Saraikela Kharsawan.	Sampling Date	: 11.03.2023 to 12.03.2023
Plant Status	: Operational	Sample Received Date	: 13.03.2023
Period of Analysis	: 13.03.2023 to 15.03.2023	Type of Sample	: Ambient Air
		Sampling Procedure	: ELES/DOC/SMPL/02
		Sample Drawn By	: ELES Pvt. Ltd.
		Sample Condition	: Sealed & Preserved

METEOROLOGICAL INFORMATION

1	Average Temperature (°C) : 23	2	Barometric Pressure (mmHg) : 749
3	Relative Humidity (%) : 59	4	Weather Condition : Clear
5	Longitude : 86°07'15.64"E	6	Latitude : 22°47'49.76"N

NABL Accredited

Discipline : Chemical

Group : Atmospheric Pollution

Parameter	Unit	Test Protocol	Result	Regulatory Limit
Particulate Matter (PM10)	µg/m ³	IS 5182 (Part-23): 2006; RA2022	81	100 (24hrs)
Particulate Matter (PM2.5)	µg/m ³	IS 5182 (Part- 24): 2019	45	60 (24hrs)
Sulphur Di-Oxide (SO ₂)	µg/m ³	IS 5182 (Part-2): 2001; RA2022	14.8	80 (24hrs)
Nitrogen Di-Oxide (NO ₂)	µg/m ³	IS 5182 (Part-6): 2006; RA2022	27.1	80 (24hrs)
Ozone (O ₃)	µg/m ³	IS 5182 (Part-9): 1974; RA2019	<20.0	100 (8hrs)
Ammonia (NH ₃)	µg/m ³	IS 5182 (Part- 25): 2018	<10.0	400 (24hrs)
Carbon Monoxide (CO)	mg/m ³	IS 5182 (Part-10): 1999; RA2019	1.03	2 (8hrs)
Lead (Pb)	µg/m ³	IS 5182 (Part-22): 2004; RA2019	0.011	1 (24hrs)
Arsenic (As)	ng/m ³	IS 5182 (Part- 26): 2020	<2.0	06 (Annual)
Nickel (Ni)	ng/m ³	ELES/AIR/SOP/01	<6.0	20 (Annual)

Rekha Saxena

Authorized Signatory
Rekha Saxena

B. Sc, M. Sc. (Botany)

Director

ELES PVT LTD

Dr. Deependra Kumar Sinha

Authorized Signatory

Dr. Deependra Kumar Sinha

Ph. D. Environmental Engg.

ELES PVT. LTD. Technical Manager

****End of Report****

Page 1 of 1

The Document stated as Test Report is the property of the Laboratory under General Terms and Conditions, only the company name need to be approved in final. The results shown in the Test Report refer to the analysis done by the Laboratory only. The information stated on the Test Report reflects the findings done by the Laboratory at the time of involvement only and within the limits of client's instructions. The Laboratory is responsible for all the information or data provided on the report, except the information which is provided by the client. The Report cannot be reproduced except in full and any part of the report is not taken out of context, without prior written approval of the Laboratory. The Report in full or in part shall not be published, advertise, used for any legal action unless prior permission has been received from the Management of the Laboratory. Attention is drawn to the limitation of liability, compensation and jurisdiction issues. Any unauthorized alteration & falsification of the content or appearance of the Test Report is unlawful and offenders may be prosecuted to the fullest extent of the law. All the samples are retained for 30 days from the Date of release/issue of the Test Report. The samples from Regulatory bodies are to be retained as specified. Any type of Observations or Complaints regarding the Reports shall be done within 15 days from the Date of Test Report released/issued. After the time period stated before, no complaints will be accepted. The entire Time schedule mentioned in Test Report is in 24 hours format. Abbreviation used: N/A (Not Applicable), BDL (Below Detection Limit), LDI (Lower Detection Limit).

"Saving Environment will only save the Future"

JAMSHEDPUR CHLOROCEM PVT. LTD.

August
DIRECTOR.



ENVIRONMENTAL LABORATORIES &

PLOT NO-30, MANSAROVAR ENCLAVE, TUPUDANA
HATIA, RANCHI-834003 (JHARKHAND)
GST NO:- 20AAACE97130124

ENGINEERING SERVICES PVT. LTD.

Email: info@elespl.co.in, eles.ranchi@gmail.com

Phone no : 0651-2290103

Website : www.elespl.co.in

CIN: U74999JH2018PTC011125

TEST REPORT

Test Report No.	: ELES/RNC/2023/0651	Report Release Date	: 15.03.2023
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CUSTOMER DETAILS		SAMPLE DETAILS	
Customer Name	: Jamshedpur Chlorochem Pvt. Ltd.	Sample Ref. No.	: ELES/RNC/2023/AA/0341
Address	: Plot No.- NS-88, VI th Phase Adityapur Industrial Area, Dist- Saraikela Kharsawan.	Location	: North East Corner of the Plant
		Sampling Date	: 11.03.2023 to 12.03.2023
Plant Status	: Operational	Sample Received Date	: 13.03.2023
		Type of Sample	: Ambient Air
Period of Analysis	: 13.03.2023 to 15.03.2023	Sampling Procedure	: ELES/DOC/SMPL/02
		Sample Drawn By	: ELES Pvt. Ltd.
		Sample Condition	: Sealed & Preserved

METEOROLOGICAL INFORMATION					
1	Average Temperature (°C)	: 23	2	Barometric Pressure (mmHg)	: 749
3	Relative Humidity (%)	: 59	4	Weather Condition	: Clear
5	Longitude	: 86°07'15.64"E	6	Latitude	: 22°47'49.76"N

Non- Accredited				
Parameter	Unit	Test Protocol	Result	Regulatory Limit
Benzene *	µg/m ³	IS 5182 (Part-11)2006;RA2017	<1.0	05(Annual)
Benzo(a)Pyrene*	ng/m ³	IS 5182 (Part-12)2004;RA2019	<1.0	01(Annual)

Remarks: 1(*)-Parameters are outsourced to other Lab.

Rekha Saxena
Authorized Signatory
Rekha Saxena
B. Sc, M. Sc. (Botany)
Director
ELES Pvt. Ltd.

****End of Report****

Dr. Deependra Kumar Sinha
Authorized Signatory
Dr. Deependra Kumar Sinha
Ph. D. Environmental Engg.
ELES Pvt. Ltd. Technical Manager

Page 1 of 1

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JAMSHEDPUR CHLOROCEM PVT. LTD.

Autograph
DIRECTOR



ENVIRONMENTAL LABORATORIES &

PLOT NO-30, MANSAROVAR ENCLAVE, TUPUDANA
HATIA, RANCHI-834003 (JHARKHAND)
GST NO:- 20AAECE9713D124

ENGINEERING SERVICES PVT. LTD.
Email: info@elespl.co.in, eles.ranchi@gmail.com
Phone no : 0651-2290103
Website : www.elespl.co.in



CIN: U74999JH2018PTC011125

TEST REPORT

Test Report No. : ELES/RNC/2023/0652	Report Release Date : 15.03.2023
ULR No. : TC883923000000246F	

CUSTOMER DETAILS		SAMPLE DETAILS	
Customer Name	: Jamshedpur Chlorochem Pvt. Ltd.	Sample Ref. No.	: ELES/RNC/2023/AA/0342
Address	: Plot No.- NS-88, VI th Phase	Location	: North West Corner of the Plant
	: Adityapur Industrial Area, Dist- Saraikela Kharsawan.	Sampling Date	: 11.03.2023 to 12.03.2023
Plant Status	: Operational	Sample Received Date	: 13.03.2023
Period of Analysis	: 13.03.2023 to 15.03.2023	Type of Sample	: Ambient Air
		Sampling Procedure	: ELES/DOC/SMPL/02
		Sample Drawn By	: ELES Pvt. Ltd.
		Sample Condition	: Sealed & Preserved

METEOROLOGICAL INFORMATION					
1	Average Temperature (°C)	: 23	2	Barometric Pressure (mmHg)	: 749
3	Relative Humidity (%)	: 59	4	Weather Condition	: Clear
5	Longitude	: 86°07'16.85"E	6	Latitude	: 22°47'51.71"N

NABL Accredited				
Discipline : Chemical		Group : Atmospheric Pollution		
Parameter	Unit	Test Protocol	Result	Regulatory Limit
Particulate Matter (PM10)	µg/m ³	IS 5182 (Part-23): 2006; RA2022	74	100 (24hrs)
Particulate Matter (PM2.5)	µg/m ³	IS 5182 (Part- 24): 2019	40	60 (24hrs)
Sulphur Di-Oxide (SO ₂)	µg/m ³	IS 5182 (Part-2): 2001; RA2022	13.9	80 (24hrs)
Nitrogen Di-Oxide (NO ₂)	µg/m ³	IS 5182 (Part-6): 2006; RA2022	26.6	80 (24hrs)
Ozone (O ₃)	µg/m ³	IS 5182 (Part-9): 1974; RA2019	<20.0	100 (8hrs)
Ammonia (NH ₃)	µg/m ³	IS 5182 (Part- 25): 2018	<10.0	400 (24hrs)
Carbon Monoxide (CO)	mg/m ³	IS 5182 (Part-10): 1999; RA2019	1.05	2 (8hrs)
Lead (Pb)	µg/m ³	IS 5182 (Part-22): 2004; RA2019	0.006	1 (24hrs)
Arsenic (As)	ng/m ³	IS 5182 (Part- 26): 2020	<2.0	06 (Annual)
Nickel (Ni)	ng/m ³	ELES/AIR/SOP/01	<6.0	20 (Annual)

Rekha Saxena
Authorized Signatory
Rekha Saxena

B. Sc, M. Sc. (Botany)

Director

ELES PVT. LTD.

****End of Report****

Page 1 of 1

Dr. Deependra Kumar Sinha
Authorized Signatory

Dr. Deependra Kumar Sinha

Ph. D. Environmental Engg.

ELES PVT. LTD. Technical Manager

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"Saving Environment will only save the Future"

JAMSHEDPUR CHLOROCEM PVT. LTD.

Deependra Kumar Sinha

DIRECTOR.



ENVIRONMENTAL LABORATORIES &

PLOT NO-30, MANSAROVAR ENCLAVE, TUPUDANA
HATIA, RANCHI-834003 (JHARKHAND)
GST NO:- 20AAECE9733D1Z4

ENGINEERING SERVICES PVT. LTD.

Email: info@elespl.co.in, eles.ranchi@gmail.com

Phone no : 0651-2290103

Website : www.elespl.co.in

CIN: U74999JH2018PTC031125

TEST REPORT

Test Report No.	: ELES/RNC/2023/0652	Report Release Date	: 15.03.2023
-----------------	----------------------	---------------------	--------------

CUSTOMER DETAILS		SAMPLE DETAILS	
Customer Name	: Jamshedpur Chlorochem Pvt. Ltd.	Sample Ref. No.	: ELES/RNC/2023/AA/0342
Address	: Plot No.- NS-88, VI th Phase Adityapur Industrial Area, Dist- Saraikela Kharsawan.	Location	: North West Corner of the Plant
		Sampling Date	: 11.03.2023 to 12.03.2023
Plant Status	: Operational	Sample Received Date	: 13.03.2023
Period of Analysis	: 13.03.2023 to 15.03.2023	Type of Sample	: Ambient Air
		Sampling Procedure	: ELES/DOC/SMPL/02
		Sample Drawn By	: ELES Pvt. Ltd.
		Sample Condition	: Sealed & Preserved

METEOROLOGICAL INFORMATION					
1	Average Temperature (°C)	: 23	2	Barometric Pressure (mmHg)	: 749
3	Relative Humidity (%)	: 59	4	Weather Condition	: Clear
5	Longitude	: 86°07'16.85"E	6	Latitude	: 22°47'51.71"N

Non- Accredited				
Parameter	Unit	Test Protocol	Result	Regulatory Limit
Benzene *	µg/m ³	IS 5182 (Part-11)2006;RA2017	<1.0	05(Annual)
Benzo(a)Pyrene*	ng/m ³	IS 5182 (Part-12)2004;RA2019	<1.0	01(Annual)

Remarks: 1(*)-Parameters are outsourced to other Lab.

Rekha Saxena
Authorized Signatory
Rekha Saxena
B. Sc. M. Sc. (Botany)
Director
ELES Pvt. Ltd.

****End of Report****

Dr. Deependra Kumar Sinha
Authorized Signatory
Dr. Deependra Kumar Sinha
Ph. D. Environmental Engg.
ELES Pvt. Ltd. Technical Manager

Page 1 of 1

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JAMSHEDPUR CHLORO-CHEM PVT. LTD.

Ausghar
DIRECTOR.



ENVIRONMENTAL LABORATORIES &

PLOT NO-30, MANSAROVAR ENCLAVE, TUPUDANA
HATIA, RANCHI-834003 (JHARKHAND)
GST NO:- 20AAECE9713D124

ENGINEERING SERVICES PVT. LTD.

Email: info@elespl.co.in, eles.ranchi@gmail.com

Phone no : 0651-2290103

Website : www.elespl.co.in



CIN: U74999JH2018PTC011125

TC-4828

TEST REPORT

Test Report No.	: ELES/RNC/2023/0653	Report Release Date	: 15.03.2023
ULR No.	: TC883923000000247F		

CUSTOMER DETAILS		SAMPLE DETAILS	
Customer Name	: Jamshedpur Chlorochem Pvt. Ltd.	Sample Ref. No.	: ELES/RNC/2023/AA/0343
Address	: Plot No.- NS-88, VI th Phase Adityapur Industrial Area, Dist- Saraikela Kharsawan.	Location	: Roof of the Office
		Sampling Date	: 11.03.2023 to 12.03.2023
Plant Status	: Operational	Sample Received Date	: 13.03.2023
Period of Analysis	: 13.03.2023 to 15.03.2023	Type of Sample	: Ambient Air
		Sampling Procedure	: ELES/DOC/SMPL/02
		Sample Drawn By	: ELES Pvt. Ltd.
		Sample Condition	: Sealed & Preserved

METEOROLOGICAL INFORMATION					
1	Average Temperature (°C)	: 23	2	Barometric Pressure (mmHg)	: 749
3	Relative Humidity (%)	: 59	4	Weather Condition	: Clear
5	Longitude	: 86°07'16.98"E	6	Latitude	: 22°47'49.43"N

NABL Accredited

Discipline : Chemical		Group : Atmospheric Pollution		
Parameter	Unit	Test Protocol	Result	Regulatory Limit
Particulate Matter (PM10)	µg/m ³	IS 5182 (Part-23): 2006; RA2022	71	100 (24hrs)
Particulate Matter (PM2.5)	µg/m ³	IS 5182 (Part- 24): 2019	39	60 (24hrs)
Sulphur Di-Oxide (SO ₂)	µg/m ³	IS 5182 (Part-2): 2001; RA2022	13.1	80 (24hrs)
Nitrogen Di-Oxide (NO ₂)	µg/m ³	IS 5182 (Part-6): 2006; RA2022	25.5	80 (24hrs)
Ozone (O ₃)	µg/m ³	IS 5182 (Part-9): 1974; RA2019	<20.0	100 (8hrs)
Ammonia (NH ₃)	µg/m ³	IS 5182 (Part- 25): 2018	<10.0	400 (24hrs)
Carbon Monoxide (CO)	mg/m ³	IS 5182 (Part-10): 1999; RA2019	<1.0	2 (8hrs)
Lead (Pb)	µg/m ³	IS 5182 (Part-22): 2004; RA2019	0.009	1 (24hrs)
Arsenic (As)	ng/m ³	IS 5182 (Part- 26): 2020	<2.0	06 (Annual)
Nickel (Ni)	ng/m ³	ELES/AIR/SOP/01	<6.0	20 (Annual)

Rekha Saxena
Authorized Signatory
Rekha Saxena

B. Sc, M. Sc. (Botany)
Director
ELES PVT. LTD.

Dr. Deependra Kumar Sinha
Authorized Signatory

****End of Report****
Dr. Deependra Kumar Sinha
Ph. D. Environmental Engg.
ELES PVT. LTD. Technical Manager

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JAMSHEDPUR CHLOROCEM PVT. LTD.

Director
DIRECTOR



ENVIRONMENTAL LABORATORIES &

PLOT NO-30, MANSAROVAR ENCLAVE, TUPUDANA
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CIN: U74999JH001877C031125

TEST REPORT

Test Report No.	: ELES/RNC/2023/0653	Report Release Date	: 15.03.2023
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CUSTOMER DETAILS		SAMPLE DETAILS	
Customer Name	: Jamshedpur Chlorochem Pvt. Ltd.	Sample Ref. No.	: ELES/RNC/2023/AA/0343
Address	: Plot No.- NS-88, VI th Phase Adityapur Industrial Area, Dist- Saraikela Kharsawan.	Location	: Roof of the Office
		Sampling Date	: 11.03.2023 to 12.03.2023
Plant Status	: Operational	Sample Received Date	: 13.03.2023
Period of Analysis	: 13.03.2023 to 15.03.2023	Type of Sample	: Ambient Air
		Sampling Procedure	: ELES/DOC/SMPL/02
		Sample Drawn By	: ELES Pvt. Ltd.
		Sample Condition	: Sealed & Preserved

METEOROLOGICAL INFORMATION					
1	Average Temperature (°C)	: 23	2	Barometric Pressure (mmHg)	: 749
3	Relative Humidity (%)	: 59	4	Weather Condition	: Clear
5	Longitude	: 86°07'16.98"E	6	Latitude	: 22°47'49.43"N

Non- Accredited				
Parameter	Unit	Test Protocol	Result	Regulatory Limit
Benzene *	µg/m ³	IS 5182 (Part-11)2006;RA2017	<1.0	05(Annual)
Benzo(a)Pyrene*	ng/m ³	IS 5182 (Part-12)2004;RA2019	<1.0	01(Annual)

Remarks: I(*)-Parameters are outsourced to other Lab.

Rekha Saxena
Authorized Signatory
Rekha Saxena
B. Sc, M. Sc. (Botany)
Director
ELES Pvt. Ltd.

****End of Report****

Dr. Deependra Kumar Sinha
Authorized Signatory
Dr. Deependra Kumar Sinha
Ph. D. Environmental Engg.
ELES Pvt. Ltd. Technical Manager

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CIN: U74999IN2018PTC011125

TEST REPORT

Test Report No.	: ELES/RNC/2023/0654	Report Release Date	: 15.03.2023
ULR No.	: TC883923000000248F		
CUSTOMER DETAILS		SAMPLE DETAILS	
Customer Name	: Jamshedpur Chlorochem Pvt. Ltd.	Sample Ref. No.	: ELES/RNC/2023/AA/0344
Address	: Plot No.- NS-88, VI th Phase	Location	: Near Transformer Room
	: Adityapur Industrial Area, Dist- Saraikela Kharsawan.	Sampling Date	: 11.03.2023 to 12.03.2023
Plant Status	: Operational	Sample Received Date	: 13.03.2023
Period of Analysis	: 13.03.2023 to 15.03.2023	Type of Sample	: Ambient Air
		Sampling Procedure	: ELES/DOC/SMPL/02
		Sample Drawn By	: ELES Pvt. Ltd.
		Sample Condition	: Sealed & Preserved

METEOROLOGICAL INFORMATION

1	Average Temperature (°C)	: 23	2	Barometric Pressure (mmHg)	: 749
3	Relative Humidity (%)	: 59	4	Weather Condition	: Clear
5	Longitude	: 86°07'19.93"E	6	Latitude	: 22°47'50.85"N

NABL Accredited

Discipline : Chemical

Group : Atmospheric Pollution

Parameter	Unit	Test Protocol	Result	Regulatory Limit
Particulate Matter (PM10)	µg/m ³	IS 5182 (Part-23): 2006; RA2022	76	100 (24hrs)
Particulate Matter (PM2.5)	µg/m ³	IS 5182 (Part- 24): 2019	42	60 (24hrs)
Sulphur Di-Oxide (SO ₂)	µg/m ³	IS 5182 (Part-2): 2001; RA2022	14.3	80 (24hrs)
Nitrogen Di-Oxide (NO ₂)	µg/m ³	IS 5182 (Part-6): 2006; RA2022	27.8	80 (24hrs)
Ozone (O ₃)	µg/m ³	IS 5182 (Part-9): 1974; RA2019	<20.0	100 (8hrs)
Ammonia (NH ₃)	µg/m ³	IS 5182 (Part- 25): 2018	<10.0	400 (24hrs)
Carbon Monoxide (CO)	mg/m ³	IS 5182 (Part-10): 1999; RA2019	1.10	2 (8hrs)
Lead (Pb)	µg/m ³	IS 5182 (Part-22): 2004; RA2019	0.007	1 (24hrs)
Arsenic (As)	ng/m ³	IS 5182 (Part- 26): 2020	<2.0	06 (Annual)
Nickel (Ni)	ng/m ³	ELES/AIR/SOP/01	<6.0	20 (Annual)

Rekha Saxena

Authorized Signatory
Rekha Saxena

B. Sc. M. Sc. (Botany)

Director

ELES PVT. LTD.

****End of Report****

Page 1 of 1

Dr. Deependra Kumar Sinha

Authorized Signatory

Dr. Deependra Kumar Sinha

Ph. D. Environmental Engg.

ELES Pvt. Ltd. Technical Manager

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JAMSHEDPUR CHLOROCEM PVT. LTD.

Director
DIRECTOR.



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TEST REPORT

Test Report No. : ELES/RNC/2023/0654	Report Release Date : 15.03.2023
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CUSTOMER DETAILS		SAMPLE DETAILS	
Customer Name	: Jamshedpur Chlorochem Pvt. Ltd.	Sample Ref. No.	: ELES/RNC/2023/AA/0344
Address	: Plot No.- NS-88, VI th Phase	Location	: Near Transformer Room
	: Adityapur Industrial Area, Dist- Saraikela Kharsawan.	Sampling Date	: 11.03.2023 to 12.03.2023
Plant Status	: Operational	Sample Received Date	: 13.03.2023
Period of Analysis	: 13.03.2023 to 15.03.2023	Type of Sample	: Ambient Air
		Sampling Procedure	: ELES/DOC/SMPL/02
		Sample Drawn By	: ELES Pvt. Ltd.
		Sample Condition	: Sealed & Preserved

METEOROLOGICAL INFORMATION					
1	Average Temperature (°C)	: 23	2	Barometric Pressure (mmHg)	: 749
3	Relative Humidity (%)	: 59	4	Weather Condition	: Clear
5	Longitude	: 86°07'19.93"E	6	Latitude	: 22°47'50.85"N

Non- Accredited				
Parameter	Unit	Test Protocol	Result	Regulatory Limit
Benzene *	µg/m ³	IS 5182 (Part-11)2006;RA2017	<1.0	05(Annual)
Benzo(a)Pyrene*	ng/m ³	IS 5182 (Part-12)2004;RA2019	<1.0	01(Annual)

Remarks: 1(*)-Parameters are outsourced to other Lab.


Authorized Signatory
Rekha Saxena
B. Sc, M. Sc. (Botany)
Director
ELES Pvt. Ltd.

****End of Report****


Authorized Signatory
Dr. Deependra Kumar Sinha
Ph. D. Environmental Engg.
ELES Pvt. Ltd. Technical Manager

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CIN: U74999JH2018PTC011125

TC-4838

TEST REPORT

Test Report No.	: ELES/RNC/2023/0655	Report Release Date	: 15.03.2023
ULR No.	: TC883923000000249F		

CUSTOMER DETAILS		SAMPLE DETAILS	
Customer Name	: Jamshedpur Chlorochem Pvt. Ltd	Sampling Date	: 11.03.2023 to 12.03.2023
Address	: Plot No.- NS-88, VI th Phase Adityapur Industrial Area, Dist- Saraikela Kharsawan.	Sampling Received Date	: 13.03.2023
		Type of Sample	: Ambient Noise
		Sampling procedure	: ELES/DOC/SMPL/03
Plant Status	: Operational	Sample Drawn By	: ELES Pvt. Ltd.
		Period of Analysis	: 13.03.2023 to 15.03.2023

METEOROLOGICAL INFORMATION				
1	Average Temperature (°C)	: 23	2 Barometric Pressure (mmHg)	: 749
3	Relative Humidity (%)	: 59	4 Weather Condition	: Clear

NABL Accredited					
Discipline : Chemical			Group : Atmospheric Pollution		
Location	Unit	Test Protocol	Result		Regulatory Limit (Industrial Zone)
North East Corner of the Plant	dB(A)	IS 9989:1981; RA 2020	Time	L _{eq}	
Sample ID: ELES/RNC/2023/AN/0345			Day Time	65	
Latitude: 22°47'49.76"N			Longitude: 86°07'15.64"E	Night Time	50
North West Corner of the Plant	dB(A)	IS 9989:1981; RA 2020	Time	L _{eq}	
Sample ID: ELES/RNC/2023/AN/0346			Day Time	62	
Latitude: 22°47'51.71"N			Longitude: 86°07'16.85"E	Night Time	47

Page 1 of 2

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"Saving Environment will only save the Future"

JAMSHEDPUR CHLOROCEM PVT. LTD.

Signature
DIRECTOR



ENVIRONMENTAL LABORATORIES &

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TC-8839

CIN: U74999JH2018PTC011125

TEST REPORT

Test Report No.	: ELES/RNC/2023/0655	Report Release Date	: 15.03.2023
ULR No.	: TC883923000000249F		

NABL Accredited					
Discipline : Chemical			Group : Atmospheric Pollution		
Location	Unit	Test Protocol	Result		Regulatory Limit (Industrial Zone)
Roof of the Office	dB(A)	IS 9989:1981; RA 2020	Time	L_{eq}	
Sample ID: ELES/RNC/2023/AN/0347			Day Time	60	
Latitude: 22°47'49.43"N			Night Time	44	
Near Transformer Room	dB(A)	IS 9989:1981; RA 2020	Time	L_{eq}	75 dB(A) Day Time & 70 dB(A) Night Time
Sample ID: ELES/RNC/2023/AN/0348			Day Time	63	
Latitude: 22°47'50.85"N			Night Time	49	
		Longitude : 86°07'16.98"E			
		Longitude : 86°07'19.93"E			

Authorized Signatory
SANDIP BERA
SENIOR MANAGER
ELES PVT. LTD.

****End of Report****

Authorized Signatory
Dr. Deependra Kumar Sinha
Ph. D. Environmental Engg.
ELES Pvt. Ltd. Technical Manager

Page 2 of 2

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"Saving Environment will only save the Future"

JAMSHEDPUR CHLORO-CHEM PVT. LTD.

DIRECTOR.



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CIN: U74999JH2018PTC011125

TC-8838

TEST REPORT

Test Report No. : ELES/RNC/2023/0656	Report Release Date : 15.03.2023
ULR No. : TC883923000000250F	

CUSTOMER DETAILS		SAMPLE DETAILS	
Customer Name	: Jamshedpur Chlorochem Pvt. Ltd.	Sample Ref. No.	: ELES/RNC/2023/SM/0349
Address	: Plot No.- NS-88, VI th Phase	Location	: Bag Filter Stack
	: Adityapur Industrial Area,	Sampling Date	: 12.03.2023
	: Dist- Saraikela Kharsawan.	Sample Received Date	: 13.03.2023
Plant Status	: Operational	Type of Sample	: Flue Gas
Period of Analysis	: 13.03.2023 to 15.03.2023	Sampling Procedure	: ELES/DOC/SMPL/02(A)
		Sample Drawn By	: ELES Pvt. Ltd.
		Sample Condition	: Sealed & Preserved

GENERAL INFORMATION	
1	Particular of the Plant : Ferro Alloys
2	Emission Due to : Process Activity
3	Stack Connected to : Reactor Vessels
4	Material of Construction of Duct : M.S
5	Stack Height from Ground Level (m) : 36.0
6	Height of Sampling Port from Ground Level (m) : 17.5
7	Inner Diameter of Stack at Sampling Point (m) : 0.9
8	Shape of the Stack : Circular
9	Working Load of the Stack : N/A
10	Pollution Control System : Bag Filter & Cyclone Separator
11	Ladder & Platform : Permanent

FUEL CHARACTERISTICS DETAILS	
1	Type of Fuel Used : Aluminium
2	Fuel Consumption : 144 Kg/Cycle
3	Calorific Value of Fuel (Kcal/Kg) : N/A

Page 1 of 2

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JAMSHEDPUR CHLORO-CHEM PVT. LTD.

A. Singh
DIRECTOR



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CIN: U74999JH2018PTC011125

TEST REPORT

Test Report No. : ELES/RNC/2023/0656	Report Release Date : 15.03.2023
ULR No. : TC883923000000250F	

NABL Accredited

Discipline : Chemical		Group : Atmospheric Pollution	
Parameter	Unit	Test Protocol	Result
Particulate Matter (PM)	mg/Nm ³	IS 11255(Part 1):1985; RA 2019	43
Sulphur Di-Oxide (SO ₂)	mg/Nm ³	US EPA 6C: 2017	18
Oxides of Nitrogen (NO _x)	mg/Nm ³	US EPA 7E: 2020	31
Flue Gas Temperature	°C	IS 11255 (Part 3): 2008; RA 2018	50
Barometric Pressure	mmHg	IS 11255 (Part 3): 2008; RA 2018	749
Velocity of Flue Gas	m/sec	IS 11255 (Part 3): 2008; RA 2018	6.72
Quantity of Gas Flow	Nm ³ /hr	IS 11255 (Part 3): 2008; RA 2018	13960


 Authorized Signatory
SANDIP BERA
 SENIOR MANAGER
 ELES PVT. LTD.

****End of Report****

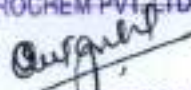

 Authorized Signatory
Dr. Deependra Kumar Sinha
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 ELES Pvt. Ltd. Technical Manager

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JAMSHEDPUR CHLOROCHEM PVT. LTD.


 DIRECTOR.



ENVIRONMENTAL LABORATORIES &

PLOT NO-30, MANSAROVAR ENCLAVE, TUPUDANA
HATIA, RANCHI-834003 (JHARKHAND)
GST NO:- 20AAECE9713D124

ENGINEERING SERVICES PVT. LTD.

Email: info@elespl.co.in, eles_ranchi@gmail.com

Phone no : 0651-2290103

Website : www.elespl.co.in



CIN: U74999JH2018PFC011125

YC-8899

TEST REPORT

Test Report No. : ELES/RNC/2023/0657	Report Release Date : 15.03.2023
ULR No. : TC883923000000251F	

CUSTOMER DETAILS		SAMPLE DETAILS	
Customer Name	: Jamshedpur Chlorochem Pvt. Ltd.	Sample Ref. No.	: ELES/RNC/2023/DW/0350
Address	: Plot No.- NS-88, VI th Phase Adityapur Industrial Area, Dist- Saraikela Kharsawan.	Sampling Date	: 12.03.2023
Plant Status	: Operational	Sample Received Date	: 13.03.2023
Period of Analysis	: 13.03.2023 to 14.03.2023	Type of Sample	: Drinking Water
		Source/Location of Sample	: Supply Water, Near Office
		Sampling Procedure	: ELES/DOC/SMPL/01
		Sample Collected By	: ELES Pvt. Ltd
		Sample Condition	: Sealed & Preserved

NABL Accredited						
Discipline : Chemical			Group : Water		Regulatory Limit as per IS 10500:2012	
Parameter	Unit	Test Protocol	Result	Acceptable Limit	Permissible Limit	
pH (at 23.5 °C)	-	APHA 23 rd Ed.2017, 4500-H ⁺ -B	6.74	6.5-8.5	No relaxation	
Turbidity	NTU	APHA 23 rd Ed.2017, 2130 B	1.76	1.0	5.0	
Total Dissolved Solids (TDS)	mg/L	APHA 23 rd Ed.2017; 2540B,C&D	360	500	2000	
Total Alkalinity (as CaCO ₃)	mg/L	APHA 23 rd Ed.2017, 2320 B	68	200	600	
Chloride (as Cl)	mg/L	APHA 23 rd Ed.2017, 4500 Cl-B	119	250	1000	
Total Hardness (as CaCO ₃)	mg/L	APHA 23 rd Ed.2017, 2340 C	163	200	600	
Sulphate (as SO ₄)	mg/L	APHA 23 rd Ed.2017, 4500 SO ₄ ²⁻ , E	8.242	200	400	
Total Suspended Solids(TSS)	mg/L	APHA 23 rd Ed.2017, 2540B, 2540 C&D	0.80	--	--	
Conductivity	mg/L	APHA 23 rd Ed.2017, 2510-B	620	--	--	
Discipline : Chemical			Group : Residues in Water			
Iron (as Fe)	mg/L	APHA 23 rd Ed.2017, 3111B & 3500 Fe-B	0.089	1.0	1.0	

Remarks: 1. pH done at Lab


Authorized Signatory
SANDIP BERA

****End of Report****


Authorized Signatory
Dr. Deependra Kumar Sinha

SENIOR MANAGER

Page 1 of 1

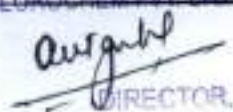
Ph. D. Environmental Engg.

ELES Pvt. Ltd. Technical Manager

The Document stated as Test Report is the property of the Laboratory under General Terms and Conditions, only the Client is allowed to use the report for the purpose for which it is issued. The results shown in the Test Report refer to results only in the job analysis done by the Laboratory only. The information stated on the Test Report reflects the findings done by the Laboratory at the time of involvement only and within the limits of client's instructions. The Laboratory is responsible for all the information or data provided on the report, except the information which is provided by the client. The Report cannot be reproduced except in full and any part of the report is not taken out of context, without prior written approval of the Laboratory. The Report in full or in part shall not be published, advertise, used for any legal actions unless prior permission has been secured from the Management of the Laboratory. Attention is drawn to the limitation of liability, compensation and jurisdiction issues. Any unauthorized alteration & falsification of the content or appearance of the Test Report is unlawful and offenders may be prosecuted to the fullest extent of the law. All the samples are retained for 30days from the Date of release/issue of the Test Report. The samples from Regulatory bodies are to be retained as specified. Any type of Observations or Complaints regarding the Reports shall be done within 15days from the Date of Test Report released/issued. After the time period stated before, no complaints will be accepted. The entire Time schedule mentioned in Test Report is in 24hours format. Abbreviation used: N/A (Not Applicable); BDL (Below Detection Limit); LDL (Lower Detection Limit).

"Saving Environment will only save the Future"

JAMSHEDPUR CHLORO-CHEM PVT. LTD.


DIRECTOR.



RENO PLUS DIALYSIS UNIT

RENO PLUS DIALYSIS UNIT

Address : 1ST Floor, Red Cross Bhawan, St. Mile Road, Sakchi , Jamshedpur-831001
(East Singhbhum)

Mobile : 6299023750/9708649457

Email : renoplusdialysis.24@gmail.com

Invoice To: M/s Jamshedpur Chlorochem Pvt. Ltd. Address- NS-88, Vith Phase, Adityapur Industrial Area, Gamharia-832108 GSTIN-20AABCJ2158A1ZF		Invoice Date: 17.03.2023
		Test Date: 12.03.2023
Sl. No.	Description	Amount
1.	Occupational Health Checkup: No of Persons: 60 Tests conducted: <ul style="list-style-type: none"> • Hemoglobin • Blood Sugar • Blood Pressure • Height, Weight • PFT • ECG • Eye Checkup 	11,250.00
Grand Total		11,250.00
Amount Chargeable (In Words): - Eleven Thousand Two Hundred and Fifty Only.		
 Receiver Sign & Stamp		 Authorised Signatory

1st Floor, Red Cross Bhawan, St. Mile Road, Sakchi, Jamshedpur-831001
Mob: 9508094008, 6299023790 Email: renoplus.dialysis@gmail.com

JAMSHEDPUR CHLOROCEM PVT. LTD.

Signature

ANNEXURE-8

Jamshedpur Chlorochem Pvt. Ltd.

NS-88, Vith Phase

Adityapur Industrial Area

Gamharis-832108

JHARKHAND (JH)

CIN - U24220JH1999PTC008858

Consumables PPE (Safety Mat. for Labor)

Ledger Account

1-Apr-22 to 31-Mar-23

Page 1

Date	Particulars	Vch Type	Vch No.	Debit	Credit
4-Apr-22	To Angel Wings	Journal	22	4,200.00	
8-Apr-22	To Angel Wings	Journal	46	643.00	
	To PK Traders	Journal	47	10,800.00	
21-Apr-22	To Angel Wings	Journal	103	10,188.00	
	To PK Traders	Journal	104	12,600.00	
22-Apr-22	To PK Traders	Journal	107	3,300.00	
27-Apr-22	To Angel Wings	Journal	128	7,350.00	
11-May-22	To Angel Wings	Journal	192	2,340.00	
30-May-22	To PK Traders	Journal	249	4,000.00	
4-Jun-22	To Angel Wings	Journal	294	10,800.00	
9-Jun-22	To Angel Wings	Journal	314	16,500.00	
19-Jun-22	To Angel Wings	Journal	348	7,350.00	
8-Jul-22	To PK Traders	Journal	443	21,600.00	
14-Jul-22	To Angel Wings	Journal	462	7,704.00	
25-Jul-22	To Angel Wings	Journal	492	7,350.00	
4-Aug-22	To PK Traders	Journal	549	7,000.00	
23-Aug-22	To PK Traders	Journal	614	7,000.00	
1-Sep-22	To PK Traders	Journal	667	14,000.00	
6-Sep-22	To PK Traders	Journal	692	2,016.00	
20-Sep-22	To Angel Wings	Journal	736	12,504.00	
22-Sep-22	To Angel Wings	Journal	745	32,730.00	
30-Sep-22	To INPUT CGST (GST Not Upload)	Journal	795	1,296.00	
8-Oct-22	To PK Traders	Journal	841	22,250.00	
14-Oct-22	To PK Traders	Journal	870	13,008.00	
1-Nov-22	To Angel Wings	Journal	956	35,100.00	
10-Nov-22	To PK Traders	Journal	1025	4,188.00	
	To Angel Wings	Journal	1026	1,404.00	
24-Nov-22	To PK Traders	Journal	1084	12,918.00	
6-Dec-22	To PK Traders	Journal	1182	7,504.00	
14-Dec-22	To PK Traders	Journal	1224	2,520.00	
23-Dec-22	To PK Traders	Journal	1262	7,000.00	
7-Jan-23	To PK Traders	Journal	1363	1,000.00	
18-Jan-23	To PK Traders	Journal	1408	27,766.00	
25-Jan-23	To PK Traders	Journal	1448	14,000.00	
14-Feb-23	To PK Traders	Journal	1579	12,800.00	
24-Feb-23	To PK Traders	Journal	1656	30,820.00	
21-Mar-23	To PK Traders	Journal	1811	6,750.00	
28-Mar-23	To PK Traders	Journal	1857	14,450.00	
				4,16,749.00	
By	Closing Balance				4,16,749.00
				4,16,749.00	4,16,749.00

JAMSHEDPUR CHLOROCEM PVT. LTD.

Aufgubod
DIRECTOR

Jamshedpur Chlorochem Pvt. Ltd.

NS-88, Vllth Phase
Adityapur Industrial Area
Gamharia-832108
JHARKHAND (JH)

CIN - U24220JH1999PTC008858

PPE (Cash Pur.)

Ledger Account

1-Apr-22 to 31-Mar-23

Page 1

Date	Particulars	Vch Type	Vch No.	Debit	Credit
19-Apr-22	To Cash	Payment	266	4,250.00	
3-Jun-22	To Cash	Payment	869	3,600.00	
9-Jul-22	To Cash	Payment	1431	1,600.00	
21-Jul-22	To Cash	Payment	1589	80.00	
3-Sep-22	To Cash	Payment	2216	1,610.00	
28-Nov-22	To Cash	Payment	3514	3,315.00	
25-Jan-23	To Cash	Payment	4472	3,150.00	
	To Cash	Payment	4477	900.00	
				18,505.00	
	By Closing Balance				18,505.00
				18,505.00	18,505.00

JAMSHEDPUR CHLOROCEM PVT. LTD.

Ausgubh
DIRECTOR.

Patron

Sri Bailey Bodhanwala
Sri Ram Gopal Agarwal
Sri Govind Dodrajka
Sri Bimal Jalan

President

Sri Dilip Goyal

Working President

Sri Rajesh Mittal

Vice President

Sri Chhitarmall Dhoot

Sri Vijay Mittal

Sri Sunil Bagrodia

Sri Jitendra Agarwal

Sri Deepak Dokania

Secretary

Sri Abhishek Garg

Joint Secretary

Sri Deep Chand Agarwal

Sri Sanjay Kedia

Sri Anand Dodrajka

Sri Rajesh Bakrewal

Treasurer

Sri Sanjay Goel

Joint Treasurer

Sri Chandan Kantia

Organising Secretary

Sri Binod Tewari

DRW

Sri Ravi Todi

Smt. Maheshwari Dubey

Yuawarg

Sri Abhishek Sonthalia

Ladies Wing

President

Smt. Neelam Kedia

Secretary

Smt. Mamta Bakrewal

Treasurer

Smt. Shubha Kauntia

CERTIFICATE

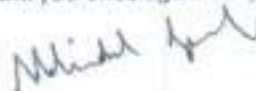
This is to certified that M/S Jamshedpur Chlorochem Pvt. Ltd. No. 88, 6th Phase, Adityapur Industrial Area Gambaria, Jamshedpur, Saraikela-Kharsawan Jharkhand - 832108 has paid Rs 180000/- for sponsorship of six medical camps as per money receipt no. GEN/3706/2022-23

Out of six medical camps following medicals camps here organized as per details given below:

1. Medical Camp
Held on : 16.10.2022
Anchal : Ghatsila
Sanch : Patamda
Village : Beldih
Patients attended : 251
2. Medical Camp
Held on : 06.11.2022
Anchal : Ghatsila
Sanch : Dumaria
Village : Bhuriukola
Patients attended : 216

Next medicals camp will be held on 27.11.2022 and report of the same shall be submitted. Remaining. Medicals camps will be organized in December 2022, January 2023 and report will be submitted

Thank you once again for your help.


Abhishek Garg
Secretary
Friends Of Tribals Society
Jamshedpur Chapter
26.11.2022

वनबंधु परिषद
FRIENDS OF TRIBALS SOCIETY
(AFFILIATED TO EKAL ABHIYAN TRUST)

Jamshedpur Chapter: 202, 2nd Floor, Gajraj Mansion, Diagonal Road, Bistupur, Jamshedpur - 831001
Mobile No. +91 7979002889 | E-mail: ftajamshedpur@gmail.com | Website: www.ftindia.com

JAMSHEDPUR CHLOROCEM PVT. LTD


DIRECTOR.



वनबंधु परिषद
FRIENDS OF TRIBALS SOCIETY
Jamshedpur Chapter



202, Gajraj Mansion Diagonal Road, Bistapur, Jamshedpur - 831001, Jharkhand, Email:
ftsJamshedpur@gmail.com | Ph : 7488883877 | Mob : 7488883877

H.O.: Ekal Bhawan, 123/A, Harish Mukherjee Road, Kolkata-26. Ph: 033 - 2454 4510/11/12/13, Web: www.ftsindia.com PAN: AAAAF0290L

Received with thanks from :

M/s JAMSHEDPUR CHLOROCEM PVT. LTD.
NS-88, 6TH PHASE,
ADITYAPUR INDUSTRIAL AREA, GAMHARIA, JAMSHEDPUR - 832108,
Jharkhand.

PAN No : AABCJ 2158 A

Amount in words : One Lakh Eighty Thousand Rupees

Reference : NEFT - BARBW22312320440 (BANK OF BARODA) - MEDICAL CAMP

Receipt No. : GEN/3706/2022-23

Date : 26-11-2022

On account of : General

Pay Mode : Others

Amount : Rs. 180000 /-

For Friends of Tribals Society

M. K. Singh
Secretary

JAMSHEDPUR CHLOROCEM PVT. LTD.

A. K. Singh
DIRECTOR.

ROTARY CLUB OF JAMSHEDPUR WEST

District 3250

Club no. 16032

President Rtn Nibha Mishra 1, Kaiser Bungalow K.S. Link Road, Kadma Mob. No.: 9031972609 / 7766030109 Email: nibhamishra@gmail.com	Secretary Rtn Gurpreet Kaur Bhatia 74, B Road, Air Base Colony, Kadma Mob. No - 9234200411 Email: gurpreetkr@gmail.com	Treasurer Rtn Narendra K. Jain Mob. No: 9430756555 Email: jainnarendra@yahoo.co.in	Literacy Chair Rtn. Kamalendu Shukla Mob No: 94311 12701 Email : kamalendu@jssindia.com
----------------------------------------------------------------------------------------------------------------------------------------------------------	-------------------------------------------------------------------------------------------------------------------------------------------	----------------------------------------------------------------------------------------------------	---------------------------------------------------------------------------------------------------------

Date : 30th Nov'22

To

M/S JAMSHEDPUR CHLOROCEM PVT. LTD.

Adityapur

Jamshedpur

Sub : Classroom furniture consisting of 40 Desks & Benches and teachers table and chair for two class rooms of 40 students each at East Bengal Colony Middle School

Dear Sir,

Rotary Club of Jamshedpur West has been working significantly to adopt needy schools and renew these schools under "Happy School Project" of Rotary International.

One such school is East Bengal Colony Middle School, which was established in the year 1956 for children of refugees, who had migrated to India from East Bengal at the time of partition of India in 1947 and finally settled at Jamshedpur.

This school was turning to ruin due to lack of support. Rotary Jamshedpur West took the challenge to renovate the school building, create new additional Classrooms.

We are very glad and obliged to M/s Jamshedpur Chlorochem Pvt. Ltd. for extending financial support amounting to 2,18,064/= (Rupees Two Lacs Eighteen Thousands Sixty Four) only on 25th Nov'22, towards providing of Classroom furniture consisting of 40 Desks & Benches and teachers table and chair for two class rooms of 40 students each at East Bengal Colony Middle School

Rotary Club of Jamshedpur West Joins me in extending our sincere thanks and appreciation to you once again for this kind gesture of yours supporting the cause,

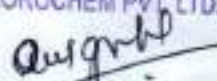
Sincerely,


Rtn. Kamalendu Shukla

Chairman

Happy School Project of Rotary Jamshedpur West for East Bengal Colony Middle School

JAMSHEDPUR CHLOROCEM PVT. LTD.


DIRECTOR.

13th March, 2023

To,

**Jamshedpur Chlorochem Pvt Ltd,
Adityapur. Jamshedpur.**

Dear Sir,

On behalf of Yi Jamshedpur, we would like to thank you for your sponsorship towards Pond Excavation efforts that Yi Jamshedpur has taken up. Thanks to your contribution, villagers of Roladi, near Potka in Jharkhand will have access to clean water. The pond excavated is of size **100 ft x 100 ft x 10 ft with water capacity of approx 2200 cubic metre.**

A woman we met during the pond work was so grateful for the pond said: **"Iss pond ke wajah se bahut faayda hoga hume. Ab paani ke liye paise aur samay nahi kharch karna hoga"**. His husband next to him who does farming said, **"Iska bahut kaam aayega. Shukriya"**.

Your contribution through this pond will benefit 100 such village homes and their farming lands.

Thank you once again for your contribution in bring joy to these families. We couldn't have done this without you!



Pratik

Pratik Agarwal
Chair, Yi Jamshedpur Chapter
Confederation of Indian Industry

Saurabh

Saurabh Agarwal
Chair, Rural Initiatives, Yi Jamshedpur

Confederation of Indian Industry (CII) Jamshedpur Zonal Office Room No 7 & 8 Centre for Excellence, Jubilee Road Jamshedpur - 831001, India
T: 91 657 2225213 / 2232637
E: yi.jamshedpur@ciin
W: www.youngindians.net

JAMSHEDPUR CHLOROCEM PVT. LTD.

Aurghat
DIRECTOR

Dear Sir,

21 December 2022

Groundwater is the most abundant source of fresh water on earth and crucial to life. Water bodies bring prosperity to communities and contribute to biodiversity, thereby helping sustain life on Earth. Unchecked human activities have choked several water bodies and polluted their waters.

CII-YI has taken up a specific action plan for restoration/rejuvenation of water bodies (Ponds and Lakes) in the Koihan region (East Singhbhum, West Singhbhum and Saraikela-Kharsawan districts) of Jharkhand.

We have taken up the project of protecting and restoring water bodies and plan to adopt various schemes to implement the same. After rejuvenation, villagers can also undertake community fishery in the pond which will help in the economic upliftment of the village.

We would like to reach out to M/s Jamshedpur Chlorochem Pvt. Ltd to help us progress in this voyage. We are looking for sponsorship to make this rejuvenation project a success. We need your support in rejuvenating a pond located at Roladh Village, Hesra Panchayat, Potka. The size of the pond to be rejuvenated is 100RX100R (10,000 Sq feet approx).

The scope of work for the rejuvenation of the pond would include Dewatering, cleaning, survey and Layout, Earth work in excavation in ordinary soil/hard soil by mechanical means (Hydraulic excavator)/manual means over areas (up to 3 m/10 feet in depth).

Please find a picture of the current status of the pond attached for your ready reference.

Sponsorship for establishing the rejuvenated water body

- Sponsorship amount for Rs. 2,00,000.00 (Rupees Two Lakhs only) for one pond & Rs 3,50,000.00 for 2 ponds in nearby location

In lieu of the sponsored amount we shall be offering the following:

- Printing of your organization's logo and banner in the periphery of the area.
- Wide news/media coverage announcing your company's name as a sponsor.
- Branding of your organization with our members.
- A better/greener environment to live, 7.5 Lakh gallons of water.

We commit to sending you the event execution details of what you sponsor.

We need all the support we can get, towards Rural Development & Climate Change and its protection. Looking forward to your kind support and encouragement.

Warm Regards,

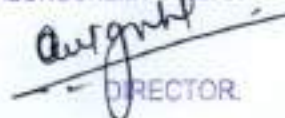


Pratik Agarwal
Chair, Yi Jamshedpur Chapter



Saurabh Agarwal
Chair, Rural Initiatives
Yi Jamshedpur

JAMSHEDPUR CHLOROCEM PVT. LTD.



DIRECTOR



S. A. Enterprises

Mob. : 9534039996
9852982225

Deals in : Mining Excavation, Earth Moving with Transporting, Rent and Lease Excavation & Hyva.
Add. : P. B. Road, Jugsalai, Jamshedpur, Jharkhand

Ref. No. : Jch/001/2022-23

Date: 21/12/2022

To,
M/s Jamshedpur Chlorochem Pvt. Ltd.
NS-88, Vith Phase,
Gamharla - 832108
GSTIN No: 20AABCJ2158AZF

Sub: Quotation for Excavation of 100 ft X 100 ft pond for benefit of local villagers.

Respected Sir/Madam,

We request you to kindly consider the following rates for excavation of pond.

Area :- 100 ft X 100 ft (as per Government's Drawing)

Location :-

Village	-	Roladih
Panchayat	-	Hesra
P.S	-	Potka
District	-	East Singhbhum

Rate:- Rs. 2,00,000/- for 1 pond or Rs. 3,50,000/- for 2 ponds in nearby location.

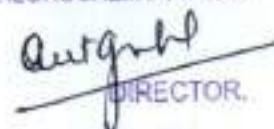
Terms & Conditions:-

1. All equipment, diesel & transportation in our scope.
2. Payment terms:- (a) 30% advance after equipment reaching at site.
(b) 70% on completion of job.
3. We are GST exempted firm
4. We will complete the work within 15 days from issue of work order.

Thanking You,
For S.A Enterprises


Authorised Signatory

JAMSHEDPUR CHLOROCEM PVT. LTD.


DIRECTOR.

आयकर विभाग
INCOME TAX DEPARTMENT

भारत सरकार
GOVT. OF INDIA

कार्य लेखा संख्या कार्ड
Permanent Account Number Card
CIDPA8650B

पिता का नाम / Father's Name
SARFARAJ AHMAD

पिता का नाम / Father's Name
SARFARAJ AHMAD

पिता का नाम / Father's Name
14/05/1989

सहस्रनामा / Signature
Sarfaj Ahmad

सहस्रनामा / Signature



BANK DETAIL:
ACCOUNT HOLDER : SARFARAJ AHMAD
ACCOUNT NO. : 20118865689
BANK : STATE BANK OF INDIA
IFSC CODE : SBIN0001864
BRANCH : JUGSALAI

सarfaj Ahmad

JAMSHEDPUR CHLORO-CHEM PVT. LTD.

Sarfaj Ahmad
DIRECTOR

दोषणा पत्र

श्री सुबीध कुमार सरदार पिं स्व जगन्नाथ सरदार
ग्राम रोलाडीह, पंचायत हैसरा, प्रखंड पोटका जिला पूर्वा
सिन्धुम का निवासी हूँ। मेरा रोलाडीह में नीमि तालाब है।
इसका उपयोग वर्षों से ग्रामीण करते आ रहे हैं।
ग्रामीण द्वारा तालाब के उपयोगिता में मेरी ओर से
कोई जख्म आपत्ती नहीं किया जाता है। अगर तालाब
यहाँ सुखी हो जाता है तो ग्रामीणों के लिए हितकर
होगा।

भवदीय
Sudhakar K. Singh
Vill. Roladih

JAMSHEDPUR CHLORO-CHEM PVT. LTD.

August
DIRECTOR



JAMSHEDPUR CHLOROCEM PVT. LD.

August
DIRECTOR.



S. A. Enterprises

Mob. : 9534039996
9852982225

Deals in : Mining Excavation, Earth Moving with Transporting, Rent and Lease Excavation & Hyva.
Add. : P. B. Road, Jugsalai, Jamshedpur, Jharkhand

Ref No. : SA/JSY chloro/22-23/01

Date: 23/02/2023

INVOICE

To,
M/s Jamshedpur chlorochem Pvt. Ltd.
NS-88, vith phase,
Gamharia-832108

SL. NO.	DESCRIPTIONS	QUANTITY	AMOUNT
01	Excavation of Pond 100 ft X 100 ft at Roladih village, Hesra panchayat, potka,	1 Nos	Rs. 2,00,000.00 /-
Total =			Rs. 2,00,000.00/-

Bill Value: Rupees Two Lakhs Only.

(12/02/2023) 31/2/23

JAMSHEDPUR CHLOROCEM PVT. LTD.

Ausgupt
DIRECTOR.

**JAMSHEDPUR CHLOROCEM PVT. LTD.**

MANUFACTURER OF HYDRATED LIME

Office & Works : Plot No.NS-88, Vllth Phase, Adityapur Ind. Area, Gamharia - 832108, Dist. -Seraikela-Kharsawan, Jharkhand
Cell : 9431182371, 9031992253, E-mail : jsrchlorochem@gmail.com
CIN : U24220JH1999PTC008858

Date: 25.04.2018ENVIRONMENT POLICY

JAMSHEDPUR CHLOROCEM PRIVATE LIMITED (JCPL) is engaged in production of Low Carbon Ferro Alloys and Noble Ferro Alloys products are committed towards clean and sustainable environment. The mission of JCPL is to produce Low Carbon Ferro Alloys and Noble Ferro Alloys in an environment friendly manner and is striving to;

- Integrate sound environmental management practices in all the activities.
- Conduct the operations in environmentally responsible manner to minimize pollution and its' impact on environment.
- Comply with applicable legal and other requirements related to environmental aspects of the operations and strive to go beyond. The environmental management cell will be headed by EHS Manager, a well qualified and experienced environment engineer.
- JCPL shall ensure that deviations from this policy and cases of violations/non-compliances of Environment or Forest Laws, if any, shall be reported to the Board of Directors through EHS Manager and shall identify designate responsible person for ensuring compliance with the Environmental Laws and Regulations.
- Conserve energy, and other natural resources, minimize waste generation and promote recovery, recycle and reuse.
- Increase greenery in and around the plant.
- Ensure continual improvement in environmental performance by setting & reviewing objectives & targets.

JAMSHEDPUR CHLOROCEM PVT. LTD.

Signature
Director

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JAMSHEDPUR CHLOROCEM PVT. LTD.

Signature
DIRECTOR.



JAMSHEDPUR CHLOROCEM PVT. LTD.

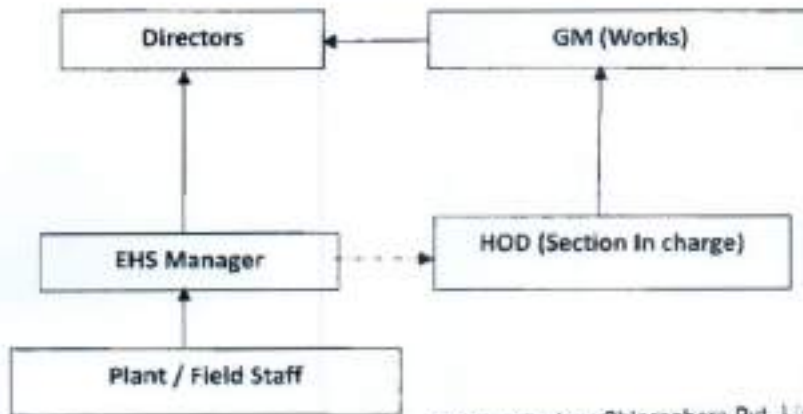
MANUFACTURER OF HYDRATED LIME

Office & Works : Plot No. NS-88, Vith Phase, Adityapur Ind. Area, Gamharis - 832108, Dist. - Seraikela-Kharsawan, Jharkhand
Cell : 9431182371, 9031992253, E-mail : jsrchlorochem@gmail.com
CIN : U24220JH1999PTC008858

- Environmental awareness amongst employees working for and on behalf of JCPL and the general populace around the plant.

Hierarchical systems - environmental issues and for ensuring compliance

Company EHS cell is responsible for the compliance of the environmental conditions. The Environmental Manager will functionally report to HOD, however for environmental matters he will directly report to the Director.



For Jamshedpur Chlorochem Pvt. Ltd.

For and on behalf of Director.

JAMSHEDPUR CHLOROCEM PRIVATE LIMITED

MR. MANOJ GUTGUTIA

(Director)

DIN: 02823680

JAMSHEDPUR CHLOROCEM PVT. LTD.

Director

JAMSHEDPUR CHLOROCEM PVT. LTD.

DIRECTOR.



JAMSHEDPUR CHLOROCEM PVT. LTD.

NS-88, VITH PHASE, ADITYAPUR INDUSTRIAL AREA
GAMHARIA, SARAIKELA-KHARSAWAN-832108

ENVIRONMENT POLICY

At the Jamshedpur Chlorochem Pvt. Ltd. We are committed to the implementation of proactive measures to help protect and sustain the environment for future generations.

We recognize the impact of our operations on the environment and aim to minimize any detrimental effects that may occur. By working together, we can contribute to making a cleaner and safer environment and ensure that environmental issues remain a focal point and receive proper attention.

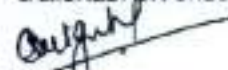
In delivering our commitment we will:

- Comply with relevant environmental legislation and take a proactive approach to future requirements and obligations,
- Seek to conserve natural resources through the responsible use of energy, water and materials but also by maintaining the quality of service expected by our customers,
- Monitor performance and aim for continued improvement by reducing, re-using and recycling in areas such as energy consumption, reduction of waste materials and water consumption,
- Work with suppliers who have compatible policies for managing their impact on the environment.
- Be aware of our environmental impact and will always strive to have life cycle approach.

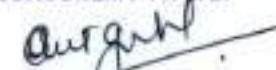
Date: 20.11.2019

Manoj Kumar Gutgutia
Managing Director

JAMSHEDPUR CHLOROCEM PVT. LTD.


Director

JAMSHEDPUR CHLOROCEM PVT. LTD.


DIRECTOR.

1/16/2020, 10:13 AM

ANNEXURE-10

EMP EXPENDITURE
PERIOD : 01.10.2022 TO 31.03.2023

REPAIR & MAINTENANCE FOR POLLUTION CONTROL EQUIPMENT:-

<u>Particulars</u>	<u>Amount (Rs.)</u>	<u>Amount (Rs.)</u>
A) Salary for 6 month of 4 Maintenance Staff	5,40,035.00	
B) Expenses incurred on Repair & Maint. period 01.10.2022 to 31.03.2023	<u>9,22,965.00</u>	14,63,000.00

PLANTATION EXPENSES FOR POLLUTION CONTROL MEASURES:-

A) Salary for Gardener 6 months	81,000.00	
B) Tree Plantation Expenses	<u>16,821.00</u>	97,821.00
	Total	<u>15,60,821.00</u>

JAMSHEDPUR CHLOROCEM PVT. LTD.

Autgrub
DIRECTOR.

ANNEXURE-10

EMP EXPENDITURE
PERIOD : 01.10.2019 TO 31.03.2023

REPAIR & MAINTENANCE FOR POLLUTION CONTROL EQUIPMENT:-

<u>Particulars</u>	<u>Amount (Rs.)</u>	<u>Amount (Rs.)</u>
A) Salary for Maintenance Staff from 01.10.2019 to 31.03.2023	28,37,111.00	
B) Expenses incurred on Repair & Maint. period 01.10.2019 to 31.03.2023	<u>55,90,650.00</u>	84,27,761.00

PLANTATION EXPENSES FOR POLLUTION CONTROL MEASURES:-

A) Salary for Gardener from 01.10.2019 to 31.03.2023	4,62,000.00	
B) Tree Plantation Expenses from 01.10.2019 to 31.03.2023	<u>3,36,541.00</u>	7,98,541.00
	Total	<u>92,26,302.00</u>

JAMSHEDPUR CHLORO-CHEM PVT. LTD.

Aufgub
DIRECTOR

FORM-V

ENVIRONMENTAL STATEMENT REPORT FOR THE YEAR ENDING 31st MARCH 2023

PART-A

- (i) Name and address of the occupier of the industry / operation or process. : **Jamshedpur Chlorochem Pvt. Ltd.**
NS-88, VIth Phase, Adityapur Industrial Area, P.O - Gamharia- 832108
- Industry Category : **SSI Unit**
- Primary (SIC code) : **-**
- Secondary (SIC Code) : **Ferro Alloy**
- (ii) Production Category (Units)
- a) Ferro Chrome / Ferro Manganese : **3600 TPA**
- b) Ferro Molybdenum : **1200 TPA**
- c) Ferro Vanadium : **1200 TPA**
- (iii) Year of establishment : **10.01.2020**
- (iv) Date of last Environmental Statement submitted : **22.12.2022**

PART- B

WATER AND RAW MATERIAL CONSUMPTION

- (A) **Water Consumption** : **0.800 KLD**
- Process : **0.000 KLD**
- Cooling : **0.000 KLD**
- Domestic and other : **0.800 KLD**

Name of the product	Process water consumption per unit of product output.	
	During the current financial year 2021-22	During the current financial year 2022-23
FERRO CHROME / FERRO MANGANESE	Nil (Production-2609.624 MT)	Nil (Production-3568.239 MT)
FERRO MOLYBDENUM	Nil	Nil
FERRO VANADIUM	Nil	Nil

JAMSHEDPUR CHLOROCEM PVT. LD.

Autograph
DIRECTOR.

(B) Raw Material Consumption:

Name of Raw Material	Consumption of raw material per unit of output:	
	During the current financial year 2021-22 Total Production (Low Carbon Ferro Chrome) : 2609.624 Tons	During the current financial year 2022-23 Total Production (Low Carbon Ferro Chrome) : 3568.239 Tons
CHROME ORE	2.25 T/T	2.29 T/T
ALUMINIUM POWDER	0.33 T/T	0.51 T/T
ALUMINIUM SCRAP	0.52 T/T	0.26 T/T
M.S SCRAP	0.10 T/T	0.06 T/T

PART- C

POLLUTION DISCHARGED TO ENVIRONMENT /UNIT OF OUTPUT (PARAMETER AS SPECIFIED IN THE CONSENT ISSUED)

Pollutants	Quantity of pollutants Discharged (mass/day)	Concentrations of Pollutants Discharged (mass/volume)	Percentage of variation From prescribed Standards with reasons
(A) Water	No discharge of effluent.	NA	NA
(B) Air	Within norms as per the monitoring reports attached.		NA

PART- D

HAZARDOUS WASTES

(AS SPECIFIED UNDER HAZARDOUS WASTES / MANAGEMENT AND HANDLING RULES, 1989)

Hazardous Waste	Total Quantity (kg/years)
	During the current financial year 2022-23
(a) From process	Nil
(b) From Pollution Control	20.730 MT

JAMSHEDPUR CHLOROCEM PVT. LTD.

Aurgho
DIRECTOR.

PART - E
SOLID WASTES

Solid waste	Total Quality (t/year)	
	During the Current Financial year 2021-22	During the Current Financial year 2022-23
a) From process Slag (FN+LC)	5371.980 M.T.	7434.170 M.T.
(b) From pollution Control facility	24300 MT APCD Dust given to Adityapur Waste Management Pvt. Ltd.	20.730 MT APCD Dust given to Adityapur Waste Management Pvt. Ltd.
Quantities recycled Or reutilized	1291.610 M.T.	1635.720 M.T.
. Sold . Disposed	4018.190 M.T.	5779.130 M.T.
	Nil	Nil

PART - F

Characteristics of wastes and Indicative Disposal practice adopted
The slag generated from Low Carbon Ferro Chrome is used in lining of reactor vessel for production of Low Carbon Ferro Chrome & also sold to various customers. The APCD Dust generated is given to Adityapur Waste Management Pvt. Ltd., Dugni, Seraikela.

PART - G

Impact of pollution control measures on conservation of natural resources and consequently on the cost of production.
Fume extraction system with cyclone and bag filter has been installed and slag is stored / reused properly. PPE provided to worker, thus work zone environment is maintained, resulting in improved efficiency.

PART - H

Additional investment proposal for environment protection including abatement of pollution
Plantation, RWH, Regular maintenance of APCD & Water sprinkling is being continued for abatement of Pollution. Expenditure for implementation of EMP From 01.10.2022 to 31.03.2023 is Rs. 15,60,821.00 & 01.10.2019 to 31.03.2023 is Rs. 92,26,302.00.

JAMSHEDPUR CHLORO CHEM PVT. LTD.

DIRECTOR.

PART- I

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

As per direction of the Pollution Control Board & Environment Clearance.

JAMSHEDPUR CHLOROCEM PVT. LTD.

Autgraph
DIRECTOR.

Signature of Applicant

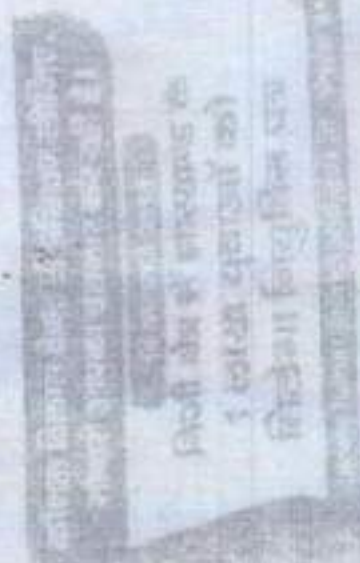
JAMSHEDPUR CHLOROCEM PVT. LTD.

Autgraph
DIRECTOR.

ANNEXURE - 12

जम्शेदपुर कार्बोक्लोरोकेम प्रा. लि. का निदेश।

सूची



JAMSHEDPUR CHLOROCEM PVT. LTD.
जम्शेदपुर कार्बोक्लोरोकेम प्रा. लि.
जम्शेदपुर, झारखण्ड-831005
कोटा, झारखण्ड-831005
फोन: 262611, 262612, 262613, 262614, 262615, 262616, 262617, 262618, 262619, 262620, 262621, 262622, 262623, 262624, 262625, 262626, 262627, 262628, 262629, 262630, 262631, 262632, 262633, 262634, 262635, 262636, 262637, 262638, 262639, 262640, 262641, 262642, 262643, 262644, 262645, 262646, 262647, 262648, 262649, 262650, 262651, 262652, 262653, 262654, 262655, 262656, 262657, 262658, 262659, 262660, 262661, 262662, 262663, 262664, 262665, 262666, 262667, 262668, 262669, 262670, 262671, 262672, 262673, 262674, 262675, 262676, 262677, 262678, 262679, 262680, 262681, 262682, 262683, 262684, 262685, 262686, 262687, 262688, 262689, 262690, 262691, 262692, 262693, 262694, 262695, 262696, 262697, 262698, 262699, 262700

JAMSHEDPUR CHLOROCEM PVT. LTD.

(Signature)
Director

JAMSHEDPUR CHLOROCEM PVT. LTD.

(Signature)
DIRECTOR

Director

For Jamshedpur Chlorochem Pvt Ltd

JAMSHEDPUR CHLOROCEM PVT LTD**NOTICE**

That M/s JAMSHEDPUR CHLOROCEM PVT.LTD. has been accorded Environmental Clearance (with 5 nos. of Specific conditions and 10 nos. of General conditions) by the Ministry of Environment, Forest & Climate Change, Government Of India, New Delhi vide F. No. J-11011/459/2017-IA-II (I), dated 24.12.2018 for production of 36000 TPA LC Ferro Chrome/ or LC Ferro Manganese, 1200 TPA Ferro Molybdenum & 1200 TPA Ferro Vanadium Plant at Plot No. NS-86 Vith Phase, Adityapur Industrial Area, Gumharia -832108, District Seraikela-Kharsawan, Jharkhand and copies of the clearance letter are available with the AIADA, Municipal Council, Adityapur, Jharkhand State Pollution Control Board (JSPCB), Head Office at Ranchi & Regional Office at Adityapur. DC office, Seraikela-Kharsawan and may also be seen at Website of the Ministry of Environment and Forests, New Delhi at <http://parvesh.nic.in>

Director

For Jamshedpur Chlorochem Pvt.Ltd

Date: 07.01.2019

JAMSHEDPUR CHLOROCEM PVT.LTD


 Director

JAMSHEDPUR CHLOROCEM PVT.LTD.


 DIRECTOR



JAMSHEDPUR CHLOROCEM PVT. LTD.

MANUFACTURER OF HYDRATED LIME

Office & Works Plot No NS-88 Vith Phase, Adityapur Ind Area, Gamharia - 832108, Dist - Seraikela-Kharsawan, Jharkhand
Cell: 9431182371, 9031992253, E-mail: jscchlorochem@gmail.com
CIN: U24220JH1999PTC008858

07.01.2019

t/c

To,
The Regional Director,
Jharkhand Industrial Area Development Authority,
Adityapur Region,
Adityapur

Sub: Submission of copy of **Environmental Clearance** for establishment of 3600 TPA LC Ferro Chrome/or LC Ferro Manganese, 1200 TPA Ferro Molybdenum & 1200 TPA Ferro Vanadium Plant of M/s Jamshedpur Chlorochem Pvt.Ltd. at Plot No. NS - 88 Vith Phase, Adityapur Industrial Area, Gamharia - 832 108, District Seraikela-Kharsawan.

Ref: MoEF & CC, New Delhi EC Letter vide F. No. J-11011/459/2017-IA II (I), dated 24.12.2018 - copy attached.

Sir,

With reference to above and as directed by the above mentioned Environmental Clearance condition, please find enclosed copy of our EC Letter F. No. J-11011/459/2017-IA II (I), dated 24.12.2018, as granted by MoEF & CC, New Delhi for establishment 3600 TPA LC Ferro Chrome/or LC Ferro Manganese, 1200 TPA Ferro Molybdenum & 1200 TPA Ferro Vanadium Plant of M/s Jamshedpur Chlorochem Pvt.Ltd. at Plot No. NS - 88 Vith Phase, Adityapur Industrial Area, Gamharia - 832 108, District Seraikela-Kharsawan.

This is for your information and needful.

Thanking you.

Yours Sincerely

For Jamshedpur Chlorochem Pvt.Ltd.

Manoj Kumar Gutgutia
(Manoj Kumar Gutgutia)

Director

Encl : As above.

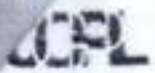
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07/01/19, 11:55 AM
JA 24220*

JAMSHEDPUR CHLOROCEM PVT. LTD.

Manoj Kumar Gutgutia
Director

JAMSHEDPUR CHLOROCEM PVT. LTD.

Manoj Kumar Gutgutia
DIRECTOR,



JAMSHEDPUR CHLOROCEM PVT. LTD.

MANUFACTURER OF HYDRATED LIME

Office & Works Plot No NS-88 Vith Phase, Adityapur Ind. Area, Gamharia - 832108 Dist - Seraikela-Kharsawan, Jharkhand
Cell 9431182371 9031992253 E-mail jrchlorochem@gmail.com
CIN U24220JH1999PTC008858

07.01.2019

To,
The Regional Manager,
Jharkhand State Pollution Control Board,
Adityapur, Jamshedpur,

Sub: Submission of copy of **Environmental Clearance** for establishment of 3600 TPA LC Ferro Chrome/or LC Ferro Manganese, 1200 TPA Ferro Molybdenum & 1200 TPA Ferro Vanadium Plant of M/s Jamshedpur Chlorochem Pvt.Ltd. at Plot No. NS - 88 Vith Phase, Adityapur Industrial Area, Gamharia - 832 108, District Seraikela-Kharsawan.

Ref: MoEF & CC, New Delhi EC Letter vide F. No. J-11011/459/2017-IA II (I), dated 24.12.2018 - copy attached.

Sir,

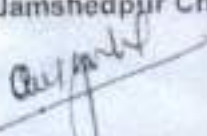
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This is for your information and needful.

Thanking you.

Yours Sincerely

For Jamshedpur Chlorochem Pvt.Ltd.


(Manoj Kumar Gutgutia)

Director

Encl : As above.

JAMSHEDPUR CHLOROCEM PVT. LTD.

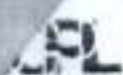

Director

JAMSHEDPUR CHLOROCEM PVT. LTD.


DIRECTOR.

g/c





JAMSHEDPUR CHLOROCEM PVT. LTD.

MANUFACTURER OF HYDRATED LIME

Office & Works : Plot No NS-88, Vith Phase, Adityapur Ind Area, Gamhara - 832108, Dist - Seraikela-Kharsawan, Jharkhand
Cell. 9431182371, 9031992253, E-mail : jrchlorochem@gmail.com
CIN : U24220JH1999PTC008858

07.01.2019

Te

To,
The Municipal Council,
Adityapur

Sub: Submission of copy of **Environmental Clearance** for establishment of 3600 TPA LC Ferro Chrome/or LC Ferro Manganese, 1200 TPA Ferro Molybdenum & 1200 TPA Ferro Vanadium Plant of M/s Jamshedpur Chlorochem Pvt.Ltd. at Plot No. NS - 88, Vith Phase, Adityapur Industrial Area, Gamhara - 832 108, District Seraikela-Kharsawan.

Ref: MoEF & CC, New Delhi EC Letter vide F. No. J-11011/459/2017-IA II (I), dated 24.12.2018 - copy attached.

Sir,

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This is for your information and needful

Thanking you,

Yours Sincerely

For Jamshedpur Chlorochem Pvt.Ltd.

(Manoj Kumar Gutgutia)

Director

Encl : As above.

JAMSHEDPUR CHLOROCEM PVT. LTD.

Manoj Kumar Gutgutia
Director

JAMSHEDPUR CHLOROCEM PVT. LTD.

Manoj Kumar Gutgutia
DIRECTOR.

20.02.2019

thru speed post

To,
The Deputy Commissioner,
District - Seraikela- Kharsawan,
D.C. Office,
Gaurangdih,
Seraikela -833 220

Sub: Submission of copy of **Environmental Clearance** for establishment of 3600 TPA LC Ferro Chrome/or LC Ferro Manganese, 1200 TPA Ferro Molybdenum & 1200 TPA Ferro Vanadium Plant of M/s Jamshedpur Chlorochem Pvt.Ltd. at Plot No. NS - 88, VIth Phase, Adityapur Industrial Area, Gamharia - 832 108, District Seraikela-Kharsawan.

Ref: MoEF & CC, New Delhi EC Letter vide F. No. J-11011/459/2017-1A II (I), dated 24.12.2018 - copy attached.

Sir,

With reference to above and as directed by the above mentioned Environmental Clearance condition, please find enclosed copy of our EC Letter F. No. J-11011/459/2017-1A II (I), dated 24.12.2018, as granted by MoEF & CC, New Delhi for establishment of 3600 TPA LC Ferro Chrome/or LC Ferro Manganese, 1200 TPA Ferro Molybdenum & 1200 TPA Ferro Vanadium Plant of M/s Jamshedpur Chlorochem Pvt.Ltd. at Plot No. NS - 88, VIth Phase, Adityapur Industrial Area, Gamharia - 832 108, District Seraikela-Kharsawan.

This is for your information and needful.

Thanking you.

Yours Sincerely

For Jamshedpur Chlorochem Pvt.Ltd.



(Manoj Kumar Gutgutia)

Director

Encl : As above.



JAMSHEDPUR CHLOROCEM PVT. LTD.


Director

JAMSHEDPUR CHLOROCEM PVT. LTD.


DIRECTOR

20.02.2019

thru speed post

To,
The Member Secretary,
Jharkhand State Pollution Control Board,
T.A.Division Building,
Dhurwa,
Ranchi - 834 004

Sub: Submission of copy of **Environmental Clearance** for establishment of 3800 TPA LC Ferro Chrome/or LC Ferro Manganese, 1200 TPA Ferro Molybdenum & 1200 TPA Ferro Vanadium Plant of M/s Jamshedpur Chlorochem Pvt.Ltd. at Plot No. NS - 88,Vith Phase,Adityapur Industrial Area,Gamharia - 832 108, District Seraikela-Kharsawan.

Ref: MoEF & CC, New Delhi EC Letter vide F. No. J-11011/459/2017-IA II (I), dated 24.12.2018 - copy attached.

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This is for your information and needful.

Thanking you.

Yours Sincerely

For Jamshedpur Chlorochem Pvt.Ltd.

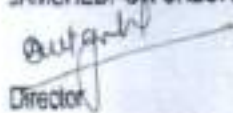


(Manoj Kumar Gutgutia)

Director

Encl : As above.

JAMSHEDPUR CHLOROCEM PVT. LTD.


Director

JAMSHEDPUR CHLOROCEM PVT. LTD.


DIRECTOR.

ANNEXURE-15



JAMSHEDPUR CHLORO-CHEM PVT. LTD.

A. S. Gupta
DIRECTOR.



JAMSHEDPUR CHLOROCEM PVT. LTD.

Aurghal
DIRECTOR.



JAMSHEDPUR CHLOROCEM PVT. LTD.

Outgub
DIRECTOR.



JAMSHEDPUR CHLOROCEM PVT. LTD.

Surge

DIRECTOR.



JAMSHEDPUR CHLOROCEM PVT. LTD.

Aurghat

DIRECTOR.



JAMSHEDPUR CHLORO CHEM PVT. LTD.

A. G. Ghosh

DIRECTOR.



JAMSHEDPUR CHLOROCEM PVT. LTD.

Signature



JAMSHEDPUR CHLOROCEM PVT. LTD.

A. S. Ghosh
DIRECTOR.



JAMSHEDPUR CHLOROCEM PVT. LTD.

Ausgubh
DIRECTOR.

Date	Name of Plants	Quantity	Cost of Plants	Name of Organization (Plants Donated)	Place of Plantation	Contact Person	Contact Number	Certificate Issued (Y / N)	Certificate Issue Date
23-08-22	Shesam, Saagwan, Neem, Aam, Ashoka and Gulmohar	2440.00	2000000.00	ROTARY CLUB OF JAMSHEDPUR WEST	JHADA, ADITYAPUR AUTO CLUSTER, IT-PARK, Itagarh Panchayat, Jharsdham Under Itagarh Panchayat, Tiridih Under Itagarh Panchayat	Mr. Anjali Nidhi	9472763637	Yes	04-11-22
26-08-22	Ixora, Gondhoraj, Kundo, Almudlo, Togor, Croton, Show Plant, Rose, Hibiscus, Custard Apple, Amila, Papaya, Bansina, Pomeio, Lemon, Coconut, Jackfruit, Chandramallika Flower, Sahjan and Jhaw	550.00	48950.00	ADITYAPUR AUTO CLUSTER	Tata Kandra Main Road, Adityapur Industria Area, Adityapur - 832109	Mr. S. N. Sharma	9771823590	Yes	19-10-22
04-02-22	Mango, Coconut, Lemon, Guava, Ashok, Karan, Gulmohar, Jarul, Behumia & Tecama	300.00	400000.00	ADITYAPUR AUTO CLUSTER	Tata Kandra Main Road, Adityapur Industria Area, Adityapur - 832109	Mr. S. N. Sharma	9771823590	Yes	09-02-22

JAMSHEDPUR CHLOROCEM PVT. LTD.

Anjali
DIRECTOR.