SHIVAM OVERSEAS

Vill. - Guma, Post - Tendua, Hirapur - Bana Road, Raipur - 492099 (C.G.)

Phone: No.: 93408-03164, Mo. No.: 95411-11911, E-mail: shivamoverseas55@gmail.com

Ref. No	Date :

Ref: SO/EC Compliance/2023-24/004

Date:- February/23/2024

To

The Integrated Regional Office Government of India Ministry of Environment, Forests & Climate Change AranyaBhawan, North Block, Sector-19 Naya Raipur, Atal Nagar, (C.G.)- 492002 Email - iro.raipur-mefcc@gov.in

Sub.: Compliance Status Report for the period April to September 2023.

Ref: Compliance of Environment Clearance Certificate No- F. No. 829/EC/RAIPUR/1669, Nava Raipur, Atal Nagar, Dated 28-06-2021

Dear Sir,

With reference to the above environment clearance we are enclosing herewith compliance report on conditions stipulated in our aforesaid Environment Clearance, along with Environment Statement for the period April to September 2023.

Thanking You

Sincerely Yours

For, Shivam Overseas For, Shivam Overseas

[KAMAL GARG]
PARTNER

Partner

Enclosed:

- 1. Compliance Status of EC with Annexure.
- 2. Environment Statement

CC:

- 1. **The Member Secretary**, SEIAA CG, MOEF ParyawashBhawan, Raipur (email: -seiaacg@gmail.com)
- 2. **The Member Secretary**Chhattisgarh Environment Conservation Board, ParyavashBhawan, Sector-19, Nawa Raipur, Atal Nagar, District- Raipur (C.G.) (hocecb@gmail.com)
- 3. The Chairman, CPCB, CBD cum office complex, Arjunnagar, New Delhi 110032, ccb.cpcb@nic.in
- 4. **The Regional Officer,** Chhattisgarh Environment Conservation Board, 5/32 BunglowBhilai, District- Durg (CG)(rodurg.cecb@gmail.com)

SIX MONTHLY EC COMPLIANCE REPORT

for

EC Reference No.

829/EC / Raipur/1669, Nava Raipur, Atal Nagar, Dated-28/06/2021

Period (APRIL TO SEPTEMBER 2023)

for

MANUFACTURING OF RE-ROLLED STEEL PRODUCTS
BASED ON OF COAL GASSIFIER AND BILLET REHEATING FURNACE BASED ROLLING MILL, CAPACITY –
59,500 TON/YEAR IN PLACE OF INSTALLED COLD
ROLLING MILL CAPACITY-30,000 TON/YEAR

Location of Unit

Khasra No. 732/(1,2), 737/(1,2), 743, 744B, 731/1, & 738/1

Village – Guma, Tehsil & Di6strict – Raipur,

State - Chhattisgarh

As per

Project Proponent:

M/S. SHIVAM OVERSEAS

FEBRUARY-2024

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INTRODUCTION

M/s. Shivam Overseas will manufacture Re-Rolled Steel products based on of coal gassifier and billet Re-Heating Furnace based Rolling Mill, Capacity –59,500 Ton/Year in place of installed Cold Rolling Mill Capacity-30,000 Ton/Year in 1.113 Hectare (2.750 Acre) at Khasra No. 732/(1,2), 737/(1,2), 743, 744B, 731/1, & 738/1 Village– Guma, Tehsil & District – Raipur, State -Chhattisgarh. This plant has obtained environmental clearance vide letter No. F.No.-829/EC/Raipur/1669, Nava Raipur, Atal Nagar, dated- 28/06/2021. EC Conditions compliance status and Environmental monitoring reports for the period of April to September-2023 is given below:

Compliance Status of conditions stipulated in Environmental Clearance of M/s. Shivam Overseas is given below:

COMPLIANCE STATUS

G N	RC C W	
S. No		Compliance
I	Statutory Compliance	
i	Existing Cold Rolling Mill along with pickling and annealing furnace of capacity-30,000TPA shall be totally replaced with Coal Gassifier & Re-heating Furnace based of Rolling Mill Capapcity-59,500TPA. Above capacity expansion shall be achieved by increasing working hour \from 10 hrs. per day to 18 hrs. per day. Project proponent shall ensure no change in the existing M.S. Pipe & Tubes/G.I. Pipe manufacturing unit and galvanising unit and it related activities for manufacturing of G.I. Pipe.	At present re-heating furnace based Rolling Mill is not install. It will be installed only after dismantle of cold Rolling Mill. Existing Cold Rolling Mill of capacity 30,000 TPA shall be replaced and new Rolling Mill with Reheating Furnace (Coal Gasifier based) of capacity 59,500 TPA will be installed. Capacity expansion shall be achieved by increasing working hours from 10 Hrs per day to 18 Hrs per day. There will be no change in the existing M.S. Pipe & Tubes/G.I. Pipe manufacturing unit and galvanising unit and it's related activities for manufacturing of G.I. Pipe.
ii	The project proponent shall obtain Consent to Establish / Operate under the provisions of the Air (Prevention & Control of Pollution) Act, 1981 and the Water (Prevention & Control of Pollution) Act, 1974 from the Chhattisgarh Environment Conservation Board (CECB).	We have complied with this condition. We have obtained Consent to Establish under the provisions of the Air and Water. Vide letter no7338/TS/CECB/2022 Nava Raipur, Atal Nagar, Date:-14.01.22. We are enclosing copy of Consent to Establish as Annexure-1
iii	The project proponent shall obtain all 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.	We have complied with this condition. We have obtained NOC, No. CGWA/ NOC/IND/ REN/1/2023/8372, Valid from: 03/01/2024, Valid up to: 02/01/2027. We are enclosing copy of NOC from the CGWA as Annexure-2

iv	The project proponent shall obtain	We have complied with this condition.
IV	authorization under the Hazardous and Other Waste Management Rules, 2016 as amended from time to time.	We have obtained authorization under the Hazardous and Other Waste No.5970/HSMD/HO/CECB/2020 Raipur, Date 08/10/2020. Valid up to 05.06.2024 We are enclosing copy of authorization under the Hazardous and Other Waste Annexure-3
V	Rainwater Harvesting within the premises shall	We have complied with this condition.
·	be complete within 2 months.	We have implemented 5 nos. rainwater harvesting system in the plant premises. We are enclosing Photograph of Rainwater Harvesting system. Annexure-4
II	Air Quality Monitoring and Preservation	
i	The project proponent shall install 24x7 continuous emission monitoring system at process stacks to monitor stack emission with	We have complied with this condition. Billet reheating furnace is not installed in the
	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	plant. We have installed continuous emission monitoring system at Galvanising plant- I & II process stacks to monitor stack emission.
	to SPCB and CPCB online servers and calibrate these system from time to time according to equipment supplier specification through labs recognized under Environment (Protection) Act, 1986 or NABL accredited laboratories.	We are enclosing monitoring report of stack of Galvanising plan I & II as Annexure-5
ii	The project proponent shall monitor fugitive emissions in the plant premises at least once in every quarter through laboratories recognized under Environment (Protection) Act, 1986 or NABL accredited laboratories.	We have complied with this condition. We have monitored fugitive emissions in the plant premises through recognized laboratories. We are enclosing monitoring report of fugitive emission as Annexure-6
iii	The project proponent shall make provision for carryout Ambient Air Quality monitoring for common / criterion parameters relevant to the main pollutant 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 emissions) 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.	We have complied with this condition. We have monitored Ambient Air Quality (AAQ) through third party recognized laboratories. We enclosing monitoring report of Ambient Air Quality (AAQ) as Annexure-7
iv	The project proponent shall provide adequate	We have complied with this condition.
	air pollution control arrangements at all point and non point sources. Collecting hoods with bag filters of adequate capacity and high efficiency shall be installed in rolling mill with minimum 30 meter stack height to ensure particulate matter emission less than 25	At present billet rehearing furnace is not installed therefore continuous emission monitoring system at process stacks to monitor stack emission is not installed.

mg/Nm3 all the time. The project proponent shall provide leakage detection and mechanized bag cleaning facilities for better maintenance of bags. Project proponent shall install suitable & effective air pollution control equipments at all transfer points, junction points etc. also. All the conveying system, transfer point, junction point etc. shall be covered. Adequate provision shall be made for sprinkling of water at strategic locations to ensure dust does not get air borne. For controlling fugitive dust, regular sprinkling of water in vulnerable areas of the plant shall be ensured. Proper ventilation shall also be provided in induction furnace and rolling mill plant. All air pollution control systems shall be kept in good running condition all the time and failure (if any), shall be immediately rectified without delay; otherwise, similar alternate arrangement shall be made. In the event of any failure of any pollution control system adopted by the Project proponent, the respective production unit shall not be restarted until the control measures are rectified to achieve the desired efficiency. As per proposal submitted emission of pollutants from any point source shall not exceed the following limit: -

Particulate 25 mg/Nm³ (Twenty Five Milligram per Normal Cubic Meter)

Project proponent shall provide proper space provision for further retrofitting of air pollution control systems in case of further stringency of particulate matter emission limit. The height of any other stack(s) shall not be less than 30 meters.

The project proponent shall submit monthly summary report of continuous stack emission and air quality monitoring and results of manual stack monitoring and manual monitoring of air quality / fugitive emissions to Regional Office of Ministry of Environment, Forest and Climate Change, Nagpur, Zonal office of CPCB and Regional Office of Chhattisgarh Environment Conservation Board (CECB) along with six- monthly monitoring report.

Sufficient number of mobile or stationery vacuum cleaners shall be provided to clean plant roads, shop floors, roofs, regularly.

We have installed air pollution system in the Galvanising plant.

- 1. Wet scrubber with I.D. Fan in G.I. plant which is connected with stack.
- 2. Suction hood in the galvanizing furnace of the plant.
- 3. Water sprinkler in vulnerable areas of the plant.
- 4. Proper ventilation system has been provided.

We are enclosing photograph of Air Pollution Control Device as **Annexure-8**

We are enclosing photograph of water sprinkler as **Annexure-9**

We have complied with this condition.

Billet reheating furnace is not installed in the plant.

Enclosed Stack monitoring report of Galvanising Plant- I & II as **Annexure-5**

We have complied with this condition.

We have provided stationery vacuum cleaners for housekeeping.

vii	Recycle and reuse iron ore fines and such other fines collected in the pollution control devices and vacuum cleaning devices in the process	We are not using iron ore fines and such other fines in the plant.
viii	The project proponent shall use mechanically covered leak proof trucks / dumpers vehicles for transportation of raw materials.	We have complied with this condition. The raw material is being transported through properly covered (through tarpaulin) manner.
ix	At entry and exit point of plant, wheel wash system shall be provided to control wheel generated dust.	We will install wheel wash system at entry and exit point of plant.
X	Provision for monitoring of vehicles by installation of closed circuit cameras (CCTv) at suitable locations i.e. entry gate, weigh bridge, internal parking area etc. shall also be made to ensure the incoming and outgoing vehicles are mechanically covered.	We have complied with this condition. We have provided closed circuit cameras (CCTv) at entry gate, weigh bridge, internal parking area.
xi	The project proponent shall provide covered sheds for raw materials like scrap and sponge iron etc.	We have complied with this condition. We have provided a covered shed for raw material and scrap. We are enclosing photograph of covered sheds for raw materials as Annexure-10
III	Water Quality Monitoring and Preservation	n
i	The project proponent shall provide adequate facility for proper treatment of industrial effluent and domestic effluent. Sewage Treatment arrangement shall be provided for treatment of domestic effluent to meet the prescribed standards. Project proponent shall ensure the treated effluent quality within standard prescribed by Ministry of Environment, Forest and Climate Change, Government of India under G.S.R 277(E) dated 31st March, 2012 (applicable to IF/EAF) as amended from time to time. No effluent shall be discharged out of plant premises under any circumstances. Any liquid effluent what so ever generated shall not be discharged into the river or any surface water bodies under any circumstances, and it shall be reused wholly in the process / plantation within plant area. Adhere to 'Zero Liquid Discharge'.	We have installed 80 KLD ETP for G.I. Plant and 5 KLD ETP for acid treatment where water and acid is treated and recycled in the plant. We are enclosing photograph of ETP as Annexure-11 Septic tank and Soak pits have been provided for domestic wastewater. We have not discharged effluent out of plant premises and not discharged into the river or any surface water bodies. We are maintaining 'Zero Liquid Discharge' in the plant premises.
ii	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 recognized under Environment (Protection) Act, 1986 and NABL accredited laboratories.	We have complied with this condition. We have monitored ground water quality through third party recognized laboratories. We are enclosing monitoring report of ground water quality as Annexure-12

iii	The project proponent shall submit monthly summary report of effluent monitoring and results of manual effluent testing and manual monitoring of ground water quality to Regional Office of Ministry of Environment, Forest and Climate Change, Nagpur, Zonal office of CPCB and Regional Office of Chattisgarh Environment Conservation Board (CECB) along with six-monthly monitoring report. Garland drains and collection pits shall be	We have complied with this condition. We have monitored effluent and ground water quality through third party and we are submitting with six monthly monitoring report. We are enclosing ETP outlet monitoring report as Annexure-13 We have complied with this condition.
	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.	We have constructed drain line inside the plant premises. We are enclosing photograph of drain as Annexure-14
V	The project proponent shall practice rainwater harvesting to maximum possible extent.	We have complied with this condition. We have installed 5 nos. of rainwater harvesting in the plant premises. We are enclosing photograph of Rainwater Harvesting as Annexure-4
vi	The project proponent shall make efforts to minimize water consumption in the plant by segregation of used water, practicing cascade use and by recycling treated water.	We have complied with this condition. We are using closed circuit cooling system, which result in minimization of water consumption in the plant.
IV	Noise Monitoring and Prevention	
i	Noise level survey shall be carried as per the prescribed guidelines and report in this regard shall be submitted to Regional Office of the Ministry of Environment, Forest and Climate Change, Nagpur as a part of six-monthly compliance report.	We have complied with this condition. Noise monitoring is being done through third party recognized laboratories. We are enclosing monitoring report of Noise level survey as Annexure-15 . Six monthly compliance report is being submitted to IRO Raipur.
ii	The ambient noise levels should conform to the standards prescribed under Environment (Protection) Rules, 1986 viz. 75 dB (A) during day time and 70 dB (A) during night time	We are complying with this condition. We are maintaining ambient noise levels to the standards prescribed under Environment (Protection) Rules, 1986, 75 dB (A) during day time and 70 dB (A) during night time.
iii	Energy Conservation Measures	
i	Ensure installation of regenerative type burners on all reheating furnace(s). No additional reheating furnace(s) shall be installed.	At present re-heating furnace based Rolling Mill is not installed. It will be installed only after dismantle of cold Rolling Mill.
ii	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.	We will comply with these conditions. We will install as soon as possible solar power on the rooftops of office buildings.

iii	The project proponent shall ensure use of LED	We have complied with this condition.
	lights in their offices and residential areas.	The same complication with the continues.
		We are using LED lights in the offices and
		residential areas of the plant.
VI	Waste Management	
i	The project proponent shall take effective steps for safe disposal of solid wastes and sludge. Mill scales and scrap shall be sold to steel industry units. Oily sludge shall be sold to authorized recyclers / re-processors for proper disposal through incineration. Clinder/fly ash shall be used in road making and land filling. ETP sludge sent to cement industry.	We have complied with this condition. We have taken effective steps for safe disposal of solid wastes and sludge. 1. ETP sludge has been stored in shed area above ground level with pucca platform and sold to cement industry. 2. Zinc ash and Zinc dross is sold to registered recycler. 3. M.S. Scrap of cold rolling mill sold to steel industry units. 4. Waste oil is used for lubricant pipes in our plant. 5. Acid reuse in plant. 6. Chemical sludge from waste water treatment sold to cement industry for coprocessing.
		We are enclosing photograph of stored ETP sludge and tax invoice of solid waste and Sludge as Annexure-16
ii	Used refractories shall be recycled as far as possible.	We have complied with this condition. We have sold used refractories of Galvanising Plant to recycler. We are enclosing tax invoice of refractories as Annexure-17
iii	The waste oil, grease and other hazardous waste shall be disposed of as per the Hazardous & Other Waste (Management & Transboundary Movement) Rules, 2016.	We have complied with this condition. We have disposed other hazardous waste as per the Hazardous & Other Waste (Management & Transboundary Movement) Rules, 2016. 1. Chemical sludge from waste water has sold to cement industry. 2. Zinc ash and Zinc dross has sold to registered recycler. 3. Used or Spent Oil used in Lubrication in machinery. 4. Spent Acid is reused in the plant. 5. Empty barrel is sold to authorized recycler.
iv	The project proponent shall utilize fly ash bricks / blocks etc. in all construction activities.	We have used fly ash bricks / blocks etc. in all construction activities.
V	Kitchen waste (if any) shall be composted or converted to biogas for further use.	We have complied with this condition. Generated kitchen waste is used for making compost.

VII	Green Belt		
i	Green belt shall be developed in an area not less than 40.7% (0.453 Ha.) of the total plant area with a native tree species in accordance with CPCB guidelines. The greenbelt shall inter alia cover the entire periphery of the plant. As far as possible maximum area of open spaces shall be utilized for plantation purposes. Project proponent shall ensure that remaining 702 nos. plantation will be done within 1 month.	11 10 13	We have developed 22.08% green belt out of 40.7% inside the plant premises and remaining 18.62% green belt will be developed in (Khasra No-743,744/B, Village-Guma Tehsil & District – Raipur) within the 3km radius of the plant. We have more planted 200 nos. of trees inside the plant premises. We are enclosing Photograph of Green belt and purchase receipt of plantation as Annexure-18
ii	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.		We will comply with these conditions.
VII I	Human health Issues		
i	Emergency preparedness plan based on the Hazard Identification and Risk Assessment (HIRA) and Disaster Management Plan shall be implemented.]	We have complied with this condition. We have prepared Onsite Emergency Plan which is approved of Health and Safety Department Govt. of CG. We are enclosing a copy of Emergency Prepared Plan as Annexure-19
ii	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.	5	We have complied with this condition. There is no one worker direct contact to heat so there is no need to do heat stress analysis of workers.
iii	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, creche etc. The housing may be in the form of temporary structures to be removed after the completion of the project.		We have deployed local persons for construction activity for the plant. Safe drinking water, Medical Health Care, Creche etc. are made available in the plant premises to the workers.
iv	Occupational health surveillance of the workers shall be done on a regular basis and records maintained as per the Factories Act.	3	We have complied with this condition. We have done occupational health surveillance of the workers in the plant. We are enclosing a copy of Occupational health surveillance of the workers as Annexure-20

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Corporate Environment Responsibility We will comply with these conditions. The project proponent shall take the following Corporate Environment Responsibility under environment management plan as per proposal At present re-heating furnace-based Rolling submitted within 06 month:-Mill is not installed. It will be installed only after dismantling of Cold Rolling Mill. So CER does not apply to us. Add Per **Amount Proposed** Am We will follow CER when the new Rolling & Details for CER ition ount cent Mill installation process will be started. **Activities** al age for (in Lakh Rupee) Capi of CE R tal Cap Inve ital Acti **CER** vitie stme Inve Fund nt stm S Allocat **Particular** (in ent (in ion Lak Lakh to (in h) be Rupe Lakh) es) Spe nt Following Activities at 3 nearby Govt. School, Villagevillage-Limtara, Pirada, & ChiKhadi-Rain Water 3.69 Harvesting system Portable Drinking 1.20 water 1% Rs. Rs. Facility 600 6.0 with AMC Running 1.05 Water Facility Plantation 0.75 with fencing Total Rs. 6.69

ii	The company shall have a well laid down	We have complied with this condition.
iii	environmental policy duly approve by the Board of Directors. The environmental policy should prescribe for standard 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 / shareholders / stake holders. The copy of the board resolution in this regard shall be submitted to the Ministry of Environment, Forest and Climate Change, New Delhi / SEIAA, Chhattisgarh as a part of sixmonthly report. A separate Environmental Cell both at the	We have complied with this condition. Enclosed copy of environmental policy as Annexure-21 We have complied with this condition.
m	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.	We have set up separate environment cell structure under the control of the Senior Executive with qualified personnel who will directly report to the head of the organization. We are enclosing copy of Environmental Management Cell as Annexure-22
iv	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 Regional Office, Ministry of Environment, Forest and Climate Change, Nagpur / SEIAA, Chhattisgarh along with the Six Monthly Compliance Report.	We have complied with this condition. As compliance of EMP we have implemented following: Wet Scrubber Chimney with ID. Fan Suction Hood Closed circuit cooling system Internal Pucca Roads Water Sprinklers Noise controlling measures have been taken. Garland drains Greenbelt ETP Rainwater Harvesting
V	Self-environmental audit shall be conducted annually. Every three years third party environmental audit shall be carried out.	The project was monitored by the Regional officers on dated-14 th July 2023.
vi	All the recommendations made in the Charter on Corporate Responsibility for Environment Protection (CREP) for the plants (if any) shall be implemented.	We have complied with this condition. We have enclosed details of steps taken towards compliances of CREP guideline as Annexure-23

X	Miscellaneous	
i	No additional land shall be acquired for this project.	We have complied with this condition.
ii	Local persons shall be given employment during development and operation of the plant.	We have complied with this condition. We have given employment to 94 no. local persons. Enclosed a copy of Local persons employment as Annexure-24
iii	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 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.	We have complied with this condition.
iv	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.	We have complied with this condition. We have submitted the copies of the environmental clearance to the Heads of Local Bodies, Panchayats and Municipal Bodies in addition to the relevant offices of the Government.
v	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.	We have complied with this condition.
vi	The project proponent shall monitor the criteria pollutants level namely; PM ₁₀ , SO ₂ , NO _x (ambient levels as well as stack emissions) or critical sectoral parameters (if any), 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.	We have complied with this condition. They have provided a display board at the entry gate for disclosure to the public. We are enclosing a photograph of display board as Annexure-25
vii	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.	We have complied with this condition. We have submitted six-monthly report on the statue of the compliance of the stipulated environmental conditions for the period of October-2022 to March-2023 to the website of the ministry of Environment, Forest and Climate Change at environment clearance portal. We are enclosing a screenshot of online EC-submitted copy as Annexure-26

viii	The project proponent shall submit the environmental statement for each financial year in Form-V to Chhattisgarh Environment Conservation Board (CECB) as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently and put on the website of the company. The project proponent shall inform the Regional Office, Ministry of Environment, Forest and Climate Change, Nagpur as well as SEIAA, Chhattisgarh the	We have submitted the environmental statement in form-V for each financial year. We are enclosing a copy of environment statement as Annexure-27
	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.	
ix	The project authorities must strictly adhere to the stipulations made by the Chhattisgarh Environment Conservation Board (CECB) and the State Government.	We agree to it.
X	The project proponent shall abide by all the commitments and recommendations made in the EIA / EMP report and also that during their presentation to the State Expert Appraisal Committee.	We agree to it.
xi	No further expansion or modifications in the plant shall be carried out without prior approval of the Ministry of Environment, Forest and Climate Change, New Delhi / SEIAA, Chhattisgarh.	We agree to it.
xii	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.	We agree to it.
xiii	SEIAA, Chhattisgarh may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.	We agree to it.
xiv	SEIAA, Chhattisgarh reserves the right to stipulate additional conditions if found necessary. The Company in a time bound manner shall implement these conditions.	We agree to it.
XV	The Regional Office Ministry of Environment, Forest and Climate Change, Nagpur 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.	We agree to it.

xvi	The above conditions shall be enforced, interalia 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, 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.	We agree to it.
xvii	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.	We agree to it.
xviii	Environment clearance will be valid as per the provision of EIA Notification 2006 (as Amended).	We agree to it.

Date: - 20.02.24 Place: -Raipur For, Shivam Overseas

Kamal Garg (Partner)

<u>ANNEXURE-1</u>

COPY OF CTE



El - 91 /Raipur/22 Dated - 14 / 01 /2022

CHHATTISGARH ENVIRONMENT CONSERVATION BOARD

Paryavas Bhawan, Sector - 19, Nava Raipur Atal Nagar,

<u>District - Raipur (C.G.) 492002</u> E-mail - hocecb@gmail.com

No. 7338 /TS/CECB/2022

Nava Raipur Atal Nagar, dated: 14 / 01/2022

To.

M/s Shivam Overseas Village – Guma, Raipur, District - Raipur (C.G.)

Sub: "Permission to Establish" for expansion in existing M.S. / S.S Re-rolled Product (Through Re-heating Furnace with Coal Gasifier) - 59,500 Metric Tonnes Per Annum.

- Ref.: 1. Environmental Clearance issued by State Level Environment Impact Assessment Authority, Chhattisgarh, Government of India, Ministry of Environment, Forest & Climate Change vide letter no. 829/EC/Raipur/1669, Nava Raipur Atal Nagar, Dated: 28/06/2021.
 - Your online application dated: 06/09/2021 and subsequent correspondence ending dated: 23/09/2021 (online application no. 8204031).

--:: 00 ::--

Without prejudice to the powers of this Board under the Water (Prevention and Control of Pollution) Act, 1974, and the Air (Prevention and Control of Pollution) Act, 1981 and without reducing your responsibilities under the said Acts and after going through your proposal for achieving the effluent and gaseous emission standards, it is to inform you that this Board grants you permission to establish for expansion in existing M.S. / S.S Re-rolled Product (Through Re-heating Furnace with Coal Gasifier) - 59,500 Metric Tonnes Per Annum at Village – Guma, Raipur, District - Raipur (C.G.), subject to fulfillment of following terms and conditions.

Terms & Conditions: -

- Industry shall comply with all the terms and conditions of Environmental Clearance issued by State Level Environment Impact Assessment Authority, Chhattisgarh, Government of India, Ministry of Environment, Forest & Climate Change vide letter no. 829/EC/Raipur/1669, Nava Raipur Atal Nagar, Dated: 28/06/2021.
- Industry shall ensure completion of mitigation measures prescribed by CECB and adhere to the stipulations incorporated in the order issued by the Chhattisgarh Environment Conservation Board vide letter no. 8175/TS/CECB/2019 Nava Raipur Atal Nagar, dated: 17/12/2019 within the stipulated time schedule.
- Industry shall ensure that after establishment and operation of expansion activities pollution load shall not exceed the existing load for which consent has been already granted.

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- 4. Industry shall use coal only to produce gas from the gasifier and gas shall be used as fuel. Coal shall not be used directly in the production process as fuel. Existing cold rolling mill including existing acid pickling & annealing furnace of cold rolling shall be replaced and new reheating furnace based rolling mill shall be installed. No furnace oil shall be used for production of rolling products.
- 5. Industry shall provide effluent treatment plant for proper treatment of industrial effluent and domestic effluent. Treated industrial effluent shall be utilized either in process or for plantation purposes within plant premises. Un-treated/treated effluent (industrial and domestic) shall not be discharged into the river or any surface water bodies under any circumstances. Industry shall make arrangement of suitable drains/pipe networks to ensure adequate flow for full utilization of treated effluent inside the premises. The concept of zero discharge shall be maintained all the time. Arrangements shall be made that effluents and storm water do not get mixed. Industry shall ensure the treated effluent quality within the standard prescribed by Board published in Gazette notification Dated 25/03/1988. The major parameters shall not exceed the following limits: -

a.	pH	5.5 - 9.0
b.	BOD	30 mg/L
C.	COD	250 mg/L
d.	Oil and Grease	10 mg/L
e.	Suspended Solids	100 mg/L

Chhattisgarh Environment Conservation Board may further stipulate stringent limit depending upon environmental conditions.

- 6. Closed cycle cooling system shall be provided. Minimum water for makeup purposes shall be ensured. Industry shall provide adequate measuring arrangements for the measurement of water utilized in different categories and effluent generated before commissioning of the expansion activity. Industry shall only use treated effluent for preparation of lime / neutralization slurry / other slurry (if any) for use in ETP. No fresh water shall be utilized for such purposes. Industry shall use treated effluent for make-up of cooling water / process water as maximum as possible. Zero discharge condition shall be maintained all the time.
- Industry shall obtain permission from Central Ground Water Authority for use of underground water for expansion activities. Industry shall not use ground water without prior permission from CGWA. Industry shall use harvested rainwater in the process as maximum as possible.
- Industry shall install system for monitoring of effluent quality / quantity.
 Industry shall also install flow meter. Industry shall submit regular monitoring report of effluent quality.
- 9. Industry shall provide adequate air pollution control arrangements at all point and non point sources. Collecting hoods with bag filters of adequate capacity and high efficiency shall be installed in rolling mill plant with minimum 30 meter stack height to ensure particulate matter emission less than 25 mg/Nm³ all the time. Industry shall provide leakage detection and mechanized bag cleaning facilities for better maintenance of bags. Industry shall install suitable & effective air pollution control equipments at all transfer points, junction points etc. also. All the conveying system, transfer point, junction point etc. shall be covered. Adequate provision

shall be made for sprinkling of water at strategic locations to ensure dust does not get air borne. For controlling fugitive dust, regular sprinkling of water in vulnerable areas of the plant shall be ensured. All air pollution control systems shall be kept in good running condition all the time and failure (if any), shall be immediately rectified without delay; otherwise, similar alternate arrangement shall be made. In the event of any failure of any pollution control system adopted by the industry, the respective production unit shall not be restarted until the control measures are rectified to achieve the desired efficiency. As per proposal submitted emission of pollutants from any point source shall not exceed the following limit: -

Particulate Matter	25 mg/Nm ³ (Twenty five Milligram per Normal Cubic
	Meter)

Industry shall provide proper space provision for further retrofitting of air pollution control systems in case of further stringency of particulate matter emission limit. The height of any other stack(s) shall not be less than 30 meters.

- 10. Industry shall provide appropriate dust suppression / dust extraction system at all fugitive dust emission sources such as raw material handling, product and wastes handling section, conveying system, transfer points/junction points, stock house etc. All conveyor belt, all transfer points, all junction points etc. shall be completely closed to avoid fugitive emission. All transfer points / junction points shall be fitted with dust suppression system followed by bag filter. Industry shall also install water sprinkler system for dust suppression at all vulnerable points / areas to control fugitive dust emission.
- 11. Industry shall adhere to sector specific guidelines / SOP published by CPCB from time to time for effective fugitive emission control. Industry shall maintain fugitive dust emissions to the minimum level in the areas of road transportation routs of raw materials and wastes to ensure Ambient Air Quality within latest prescribed standard. Black topping/asphalting/concreting and maintenance with requisite water sprinkling arrangements shall be ensured.
- Industry shall install and commission Continuous Emission Monitoring System - CEMS (as per CPCB guidelines for relevant parameters) and shall be connected with CECB/CPCB server before commissioning of plant with expanded capacity. Calibration and validation of data shall be carried out of all CEMS and industry shall ensure availability of real time data in CECB / CPCB server.
- 13. Industry shall install separate electric metering arrangements with interlocking system for the running of pollution control device(s). These arrangements shall be made in such a fashion that any non-functioning of pollution control device(s) shall immediately stop the electric supply to the production / raw material supply unit and shall remain tripped till the pollution control device/devices are made functional again / rectified to achieve the desired efficiency. The record & log book of electricity and chemical consumption for running the pollution control equipments shall be maintained & submitted to Board every month.

- 14. Regular monitoring of ground level concentration of SO₂, NOx, PM₁₀ and PM_{2.5} at at-least four stations shall be carried out in the impact zone and records maintained. If at any stage these levels are found to exceed the prescribed limits, the plant shall cease all operations till necessary control measures are provided. The location of the monitoring stations and frequency of monitoring shall be decided in consultation with Chhattisgarh Environment Conservation Board Raipur. The data so collected shall be properly analyzed and periodic reports shall be submitted to Chhattisgarh Environment Conservation Board, Naya Raipur Atal Nagar.
- Industry shall use fly ash brick, fly ash block and fly ash based products in the construction/repairing activities. Industry shall also use fly ash for filling low-lying areas within plant premises.
- 16. Industry shall take effective steps for safe disposal of solid wastes such as sinders, tar, sludge. Ash (sinders) generated from coal gasifer shall be used in brick manufacturing / land filling etc. Mill scales and end cuttings shall be collected and sold to sinter / ferro alloy plant and to induction furnace units respectively. Oily sludge shall be sold to authorized recyclers / re-processors for proper disposal through incineration. Used re-fractories shall be recycled as far as possible. Industry shall obtain letter of authorization under Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 (as amended up to date) from the Board. Industry shall dispose its hazardous wastes through co-processing, pre-processing to the extent possible prior its disposal to incineration/ landfill as per provisions of Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016. Industry shall strictly comply with all the measures specified in guidelines for spent solvent management, spent acid management, and other guidelines / directions published from time to time by CECB / CPCB / MoEF&CC. Industry shall ensure transportation of Hazardous Wastes through GPS mounted vehicles.
- Industry shall provide wheel washing system entry and exit points of plants before commissioning of plant with expanded capacity.
- 18. Industry shall ensure transportation of raw materials / fuel by properly covered vehicles. Vehicles used for transporting the wastes / sludge shall be covered with tarpaulins and optimally loaded. Vehicular emissions shall be kept under control and regularly monitored. Industry shall also ensure use of mechanically covered vehicles for transportation of raw materials, fuel, dust generating products on or before 12/07/2023.
- Industry shall submit certificate regarding adequacy of roads based on carrying capacity of transportation of roads from concerned government authority within three months or before commissioning of plant with expanded capacity.
- All internal roads shall be maintained pucca. Industry shall adopt good housing keeping practice. Vehicle movement areas / roads within premises shall be maintained pucca from drain to drain to avoid dusting before commissioning of plant with expanded capacity.
- 21. Industry shall take proper action to control the noise pollution. Industry shall install appropriate noise barriers /control measures including acoustic hoods, silencers, enclosures etc. on all sources of noise generation to control the noise. Earplugs/ear muffs etc. shall be provided to the employee working in the high noise areas. The noise level shall not

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- exceed the limits 75 dB (A) during the daytime and 70 dB (A) during the night time within the factory premises.
- 22. Industry shall provide appropriate arrangements to avoid air pollution, water pollution, noise pollution etc. during construction phase and during transportation of plants / machineries / equipments / construction materials etc. to the site. The effluent from construction labour houses shall be treated properly and no effluent shall be discharged outside of the premises. For controlling fugitive dust during transportation and construction works, regular sprinkling of water in village roads and other vulnerable areas of the plant shall also be ensured. The emission from plants/machineries/ vehicles engaged for transportation of equipments/construction materials etc. to the site shall be ensured within prescribed vehicle emission norms. First aid and sanitation arrangements shall be made for the drivers and other contract workers during construction phase.
- 23. The construction of effluent treatment system and installation/up-gradation/modification of air pollution control equipments shall be taken up simultaneously with other civil/mechanical works of modernization / expansion activity. The progress of the activities related to the project shall be submitted periodically to Chhattisgarh Environment Conservation Board, Naya Raipur Atal Nagar.
- 24. Industry shall enhance the capacity of rainwater-harvesting structures in the project area and residential area (if any) for recharge of ground water. Industry shall develop rainwater-harvesting structures and reservoirs / ponds to completely harvesting the rainwater of premises before commissioning of expansion of plant with expanded capacity. Industry shall ensure recharging of ground water by rainwater harvesting of at-least double the quantity of water use by them in induction furnace, which shall be done within or outside the premises.
- 25. Wide green belt of broad leaf local species shall be developed along the plant premises. As far as possible maximum area of open spaces shall be utilized for plantation purposes. Green belt / plantation shall be developed within the plant premises in at-least 40.70% (0.453 ha) area of total plant area within three months or before commissioning of expansion of plant with expanded capacity (which ever will be earlier). Development of green belt / plantation outside project premises in adjacent areas such as avenue plantation, plantation in vacant areas, social forestry, etc. shall also be ensured.
- Industry shall enhance CER fund allocation to at least 2 times the slabs given in the OM dated 01/05/2018 in case of Environmental Clearance and submit the compliance report with work executed before commissioning of plant with expanded capacity.
- Industry shall ensure compliance of mitigation measures and stipulation of conditions issued by Ministry of Environment, Forest and Climate Change, Government of India (MoEF&CC) / Central Pollution Control Board (CPCB) from time to time regarding environmental management of critically polluted areas.
- Industry shall provide garland drains with appropriate check dams all along the raw materials / product storage areas etc. to avoid any possibility of erosion (wearing away) during rain. Sump capacity shall also provide adequate retention period to allow proper settling of silt material.

- Sedimentation pits shall be constructed at the corners of the garland drains. Industry shall provide adequate collection and treatment arrangement for proper management of storm water. The surface run-off shall be de-silted through a series of check dams and drains.
- 29. Industry shall establish an environmental management cell to carryout function relating to environmental management under the supervision of senior executive who will directly report to the head of organization. A full-fledged laboratory with qualified technical / scientific staff shall be provided to monitor the influent / effluent quality, ground water quality, storm water / runoff quality, surface water quality, soil quality, ambient air quality, stack emission and environmental samples etc.
- Necessary fund shall be provided for implementation of the above conditions, conditions to be incorporated in the 'consent to operate' of the Board and for environmental safeguards.
- 31. Industry shall obtain all necessary statutory clearances / licenses / permissions from concerned Central Government / State Government Departments, Boards, Bodies and Corporations etc. before start of construction / establishment of the plant of expanded activity. Industry shall follow direction issued by Central Government / State Government, Central Pollution Control Board / Chhattisgarh Environment Conservation Board from time to time regarding control of water & air pollution and for environmental conservation.
- 32. Industry shall not claim any right on the basis of the "Permission to Establish" granted of the Board. The issuance of this permission does not convey any property rights in either real or personal property, or any exclusive privileges, nor does it authorize any injury to private property or any invasion of personal rights, nor any infringement of Central, State or local laws or regulations.
- 33. Industry shall not commission and operate any of the unit expansion activities without obtaining consents under section 25 of the Water (Prevention and Control of pollution) Act, 1974 and under section 21 of the Air (Prevention and Control of pollution) Act, 1981 of the Chhattisgarh Environment Conservation Board in any circumstances. Industry shall follow any other condition(s) given at the time of grant of consent under the Water (Prevention & Control of Pollution) Act, 1974 and the Air (Prevention & Control of Pollution) Act, 1981.
- Any change in production capacity, process, raw materials used, project profile etc. shall be intimated to the Board and prior permission of the Board shall be obtained for the same.
- Industry shall submit report of compliance of the conditions of EC every year to the Board prepared by third party.
- If industry fails to comply any of the above condition(s), the bank guarantee submitted by industry may be forfeited and 'Permission to Establish / Consent' may be cancelled without further notice.
- 37. This permission to establish shall be valid for the period of five years effective from the date of issue of this letter. This permission to establish shall be treated as cancelled in case; no construction activity has been started on the site regarding establishment of the industry during this period. Chhattisgarh Environment Conservation Board reserves the right to extend the validity period / not to extend the validity period / cancel /

- withdraw the permission to establish of the industry, based on the construction activities carried out on the site regarding establishment of the industry.
- 38. Board reserves the right to amend / cancel any of the above conditions, stringent the emission / effluent limits stipulated above and add new conditions as and when deemed necessary in the interest of environmental protection, change in the project profile or non-satisfactory implementation of the stipulated conditions etc.

The consent (for operation) as required under the Water (Prevention & Control of Pollution) Act, 1974 and Air (Prevention & Control of Pollution) Act, 1981 shall be granted to your industry after fulfillment of all the conditions mentioned above. For this purpose you shall have to make an application to this Board in the prescribed Proforma at least two months before the expected date of commissioning of the plant. The applicant shall not without valid consent (for operation) of the Board bring into use any out let for the discharge of effluent and particulate matter/gaseous emission.

For & on behalf of Chhattisgarh Environment Conservation Board

Member Secretary

Chhattisgarh Environment Conservation Board Nava Raipur Atal Nagar District - Raipur (C.G.)

Endt. No. 7339 /TS/CECB/2022 Nava Raipur Atal Nagar, dated: 14 / 01/2022 Copy to: -

Regional Officer, Regional Office, Chhattisgarh Environment Conservation Board, Raipur (C.G.). Please ensure compliance and report, if any condition/conditions are violated by the industry.

Sd/-Member Secretary

Chhattisgarh Environment Conservation Board Nava Raipur Atal Nagar District - Raipur (C.G.)

Signature Not Verified

Digitally Signed by :F P Tiwari

Date: 2022.0 11 18:06:50 IST

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ANNEXURE-2 NOC FROM CGWA



भारत सरकार जल शक्ति मंत्रालय जल संसाधन, नदी विकास और गंगा संरक्षण विभाग केन्द्रीय भूमि जल प्राधिकरण Government of India Ministry of Jal Shakti Department of Water Resources, River Development & Ganga Rejuvenation Central Ground Water Authority

(भूजल निकासी हेतु अनापत्ति प्रमाण पत्र) NO OBJECTION CERTIFICATE (NOC) FOR GROUND WATER ABSTRACTION

Project Name.			IVI/5. C	IW/s. Silivani Overseas												
Pı	roject Addre	ess:			Village	e Gum	a, Blo	ock Dha	rsiwa,	Distr	ict Ra	ipur (d	.g.) 4920	99	100	
Vi	llage:				Guma-2 (guma)			ВІ	ock:	k: Dharsiwa						
Di	strict:				Raipu	r				St	ate:	Cł	hattisga	h.		
Pi	n Code:												1			
С	ommunicati	on Addre	ss:			Village Guma, Block Dharsiwa, District Raipur, Dharsiwa, Raipur, Chhattisgarh - 492099										
Address of CGWB Regional Office :			And L	Central Ground Water Board North Central Chhattisgarh, 2nd Floor, Lk Corporate And Logistic Park, Dhamtari Road, Nh-30, Dumartarai, Raipur, Chhattisgarh - 492015												
1.	NOC No.:		CGWA/	NOC	/IND/RI	EN/1/2	023/8	372	1	2. D	ate o	f Issu	ence	2/10/20	23	
	S. Application No.: 21-4/4109/C							1	4. C				Critical			
5.	Project Status: Existing Gro			und Water			6. N	IOC T	С Туре:		Renewal					
7.	Valid from: 03/01/2024			-/	1		8. V	/alid up to: 02/01/2027								
9.	Ground W	ater Abst	raction P	ermit	ted:		1/1									
	Fresh	Water			Saline	Water	-			Dewa	atering	3			Total	
	m³/day	m³/ye	ear	m ³ /	day m³/year		r m³/day		ay	m³/year		r	n³/day	m ³	/year	
	25.00	8250.	.00													
0.	Details of	ground w	ater abst	ractio	n /Dew	atering	g stru	ctures								
					ing No.								otal Pro	•	No.:0	F
				W	DCB	BW	TW	0.0000	MF	177.0	DW	DCB		TW	MP	MPu
	Abstraction			0	0	1	0	0	C	8	0	0	0	0	0	0
	/- Dug Well; D				1000	<i>-</i>	6574		ine Pit;	MPu-M	line Pu	mps	00	200.00		
	Ground W	- Jan 1			Section Contract			\$ 2						00.00		
2. Environment Compensation (if applicable) paid (Rs				(Rs.)	Ä						0.00					
Number of Piezometers(Observati constructed/ monitored & Monitorin					No. of Piezon		meter	ters Monitori		ing Mechanism						
											М	anual	DWLR'	* DWL	R With T	elemetry
	**DWLR - Dig	gital Water I	Level Reco	rder					1			1	0		0	

(Compliance Conditions given overleaf)

This is an auto generated document & need not to be signed.

18/11, जामनगर हाउस, मानसिंह रोड, नई दिल्ली - 110011 / 18/11, Jamnagar House, Mansingh Road, New Delhi-110011 Phone: (011) 23383561 Fax: 23382051, 23386743 Website: cgwa-noc.gov.in

> पानी बचाये – जीवन बचाये SAVE WATER - SAVE LIFE

Validity of this NOC shall be subject to compliance of the following conditions:

- 1) Installation of tamper proof digital water flow meter with telemetry on all the abstraction structure(s) shall be mandatory for all users seeking No Objection Certificate and intimation regarding their installation shall be communicated to the CGWA within 30 days of grant of No Objection Certificate.
- 2) Proponents shall mandatorily get water flow meter calibrated from an authorized agency once in a year.
- 3) Construction of purpose-built observation wells (piezometers) for ground water level monitoring shall be mandatory as per Section 14 of Guidelines. Water level data shall be made available to CGWA through web portal. Detailed guidelines for construction of piezometers are given in Annexure-II of the guidelines.
- 4) Proponents shall monitor quality of ground water from the abstraction structure(s) once in a year. Water samples from bore wells/ tube wells / dug wells shall be collected during April/May every year and analysed in NABL accredited laboratories for basic parameters (cations and anions), heavy metals, pesticides/ organic compounds etc. Water quality data shall be made available to CGWA through the web portal.
- 5) In case of mining projects, additional key wells shall be established in consultation with the Regional Director, CGWB for ground water level monitoring four (4) times a year (January, May, August and November) in core as well as buffer zones of the mine.
- 6) In case of mining project the firm shall submit water quality report of mine discharge/ seepage from Govt. approved/ NABL accredited lab.
- 7) The firm shall report compliance of the NOC conditions online in the website (www.cgwa-noc.gov.in) within one year from the date of issue of this NOC.
- 8) Industries abstracting ground water in excess of 100 m 3 /d shall undertake annual water audit through certified auditors and submit audit reports within three months of completion of the same to CGWA. All such industries shall be required to reduce their ground water use by at least 20% over the next three years through appropriate means.
- 9) Application for renewal can be submitted online from 90 days before the expiry of NOC. Ground water withdrawal, if any, after expiry of NOC shall be illegal & liable for legal action as per provisions of Environment (Protection) Act, 1986.
- 10) This NOC is subject to prevailing Central/State Government rules/laws/norms or Court orders related to construction of tube well/ground water abstraction structure / recharge or conservation structure/discharge of effluents or any such matter as applicable.

General conditions:

- 11) No additional ground water abstraction and/or de-watering structures shall be constructed for this purpose without prior approval of the Central Ground Water Authority (CGWA).
- 12) The proponent shall seek prior permission from CGWA for any increase in quantum of groundwater abstraction (more than that permitted in NOC for specific period).
- 13) Proponents shall install roof top rain water harvesting in the premise as per the existing building bye laws in the premise.
- 14) The project proponent shall take all necessary measures to prevent contamination of ground water in the premises failing which the firm shall be responsible for any consequences arising
- 15) In case of industries that are likely to contaminate the ground water, no recharge measures shall be taken up by the firm inside the plant premises. The runoff generated from the rooftop shall be stored and put to beneficial use by the firm.
- 16) Wherever feasible, requirement of water for greenbelt (horticulture) shall be met from recycled / treated waste water.
- 17) Wherever the NOC is for abstraction of saline water and the existing wells (s) is /are yielding fresh water, the same shall be sealed and new tubewell(s) tapping saline water zone shall be constructed within 3 months of the issuance of NOC. The firm shall also ensure safe disposal of saline residue, if any.
- 18) Unexpected variations in inflow of ground water into the mine pit, if any, shall be reported to the concerned Regional Director, Central Ground Water Board.
- 19) In case of violation of any NOC conditions, the applicant shall be liable to pay the penalties as per Section 16 of Guidelines.
- 20) This NOC does not absolve the proponents of their obligation / requirement to obtain other statutory and administrative clearances from appropriate authorities.
- 21) The issue of this NOC does not imply that other statutory / administrative clearances shall be granted to the project by the concerned authorities. Such authorities would consider the project on merits and take decisions independently of the NOC.
- 22) In case of change of ownership, new owner of the industry will have to apply for incorporation of necessary changes in the No Objection Certificate with documentary proof within 60 days of taking over possession of the premises.
- 23) This NOC is being issued without any prejudice to the directions of the Hon'ble NGT/court orders in cases related to ground water or any other related matters.
- 24) Proponents, who have installed constructed artificial recharge structures in compliance of the NOC granted to them previously and have availed rebate of upto 50% (fifty percent) in the ground water abstraction charges/ground water restoration charges, shall continue to regularly maintain artificial recharge structures.
- 25) Industries which are likely to cause ground water pollution e.g. Tanning, Slaughter Houses, Dye, Chemical/ Petrochemical, Coal washeries, pharmaceutical, other hazardous units etc. (as per CPCB list) need to undertake necessary well head protection measures to ensure prevention of ground water pollution as per Annexure III of the guidelines.
- 26) In case of new infrastructure projects having ground water abstraction of more than 20 m3/day, the firm/entity shall ensure implementation of dual water supply system in the projects.
- 27) In case of infrastructure projects, paved/parking area must be covered with interlocking/perforated tiles or other suitable measures to ensure groundwater infiltration/harvesting.
- 28) In case of coal and other base metal mining projects, the project proponent shall use the advance dewatering technology (by construction of series of dewatering abstraction structures) to avoid contamination of surface water.
- 29) The NOC issued is conditional subject to the conditions mentioned in the Public notice dated 27.01.2021 failing which penalty/EC/cancellation of NOC shall be imposed as the case may be.
 30) This NOC is issued subject to the clearance of Expert Appraisal Committee (EAC) (if applicable).
 31) In the self-compliance report, the PP shall submit details of Drilling Agency Agencies, which has have constructed BW(s) TW(s) along with undertaking to the effect that all necessary measures have been taken as per directions of Hon'ble Supreme Court provided in Annexure-VII of guidelines dated 24.09.2020 in respect of abandoned failed BW(s) TW(s)/Piezometer(s), if any. The PP is advised to engage registered drilling agency agencies. In the event of any mishap' unfortunate incident due to negligence in taking measures for prevention of accident due to failing in Bore Well, both PP and concerned drilling agency shall jointly be held responsible and penal action as per extant Covernment rules shall be taken.

(Non-compliance of the conditions mentioned above is likely to result in the cancellation of NOC and legal action against the proponent.)

CENTRAL GROUND WATER AUTHORITY

Department of Water Resources, River Development and Ganga Rejuvenation Ministry of Jal Shakti, Govt. of India

18/11, जामनगर हाउस, मानसिंह रोड, नई दिल्ली - 110011 / 18/11, Jamnagar House, Mansingh Road, New Delhi-110011 Phone: (011) 23383561 Fax: 23382051, 23386743 Website: cgwa-noc.gov.in

> पानी बचाये – जीवन बचाये SAVE WATER - SAVE LIFE

		Receipt	į.
(As per the guidel	ine Gazette Notification S.O. 3281(E)	regarding the New Guidel https://cgwa-noc.gov.in	ines dated 24.09.2020 of CGWA, MoJS, Govt. of India)
Application No,:	21-4/4109/CT/IND/2020		Date of Issuence:12/10/2023
Name of Firm:	M/S. SHIVAM OVERSE	AS	·
AppType Category:	Steel Industry		
Application Type:	Industrial		

S N	Description	Amount (Rs.)
1.	Application Processing Fee	5000.00
2.	Ground Water Abstraction /Restoration charges	99000.00
3.	Environmental Compensation Charges (ECRGW) (Date From to) Days-	(0)
4.	Penalty for non-Compliance of NOC conditions Condition to be mentioned	1
	Rs. Rupees One Lakh Four Thousand Only	104000.00

PAN/GSTIN No. of Firm/Individual:

This is an system generated invoice, hence, does not require ink signed.

ANNEXURE-3

PERMISSION OF HAZARDOUS AND OTHER WASTE



CHHATTISGARH ENVIRONMENT CONSERVATION BOARD

PARYAVAS BHAWAN, NORTH BLOCK, SECTOR -19, NAVA RAIPUR ATAL NAGAR, RAIPUR (C.G.) 492002

E-mail: hocecb@gmail.com, Ph. No. 0771-2512220

No. 5970/HSMD/HO/CECB/2020

Raipur, Date 08/10/2020

To.

M/s Shivam Overseas, Village- Guma, Distt. -Raipur (C.G.)

Sub:-

Grant of amendment in existing authorization under the Hazardous and Other Wastes (Management & Transboundary Movement) Rules, 2016.

Ref :-

Grant of authorization letter no. 1509/HSMD/HO/CECB/2019 dated 10/06/2019.

 Your online application no. 5150168 dated 18/03/2020 & subsequent correspondence ending dated 19.06.2020.

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Chhattisgarh Environment Conservation Board had granted of authorization under Hazardous and Other Wastes (Management & Transboundary Movement) Rules, 2016 vide letter no. 1509/HSMD/HO/CECB/2019 dated 10/06/2019 for following hazardous waste, category and quantity subject to fulfillment of the terms and conditions mentioned therein.:-

S. No.	Category of Hazardous Waste as per the Schedules I, II and ' III of these rules	Authorized mode of disposal of recycling or utilization or co- processing etc.	Quantity (Tonnes/Annum)
1.	Zinc fines or dust or ash or skimmings in dispersible form (Schedule-I, Cat. No6.2)	To be sold to authorized recyclers	6.0 MT/Year
2.	Spent acid and alkali (Schedule-I, Cat. No12.2)	After treatment to be used within the premises / To be sold to authorized recyclers	
3.	Chemical sludge from waste water treatment (Schedule-I, Cat. No35.3)	Co-processing in cement kiln / Dispose in the CTSDF	7.0 T/Year

Industry, vide their online application no. 5150168 dated 18/03/2020 has requested for amendment in existing authorization with respect to hazardous waste corresponding quantity mentioned therein. Based on the inspection report for RO, Raipur and after considering the application, facts and materials in records the board has decided to issue amendment in authorization with respect to hazardous waste and their corresponding quantities mentioned below:-

C:User/LENOVO Downloads BALCO (1) doc 1

Sl.No.	Category of Hazardous Waste as per the Schedules I, II and III of these rules	Authorized mode of disposal or recycling or utilization or co- processing etc.	Quantity (Tonnes/Annum)
1.	Used or Spent oil (Schedule - I, Cat. No. 5.1)	Lubrication in machinery/Sell to authorized recyclers	0.5 KL/Year.
2.	Spent acid and alkali (schedule - I, Cat. No. 12.2)	Reuse in plant	375 KL/Year
3.	Zinc fines or dust or ash or skimmings in dispersible form (Schedule-I, Cat. No6.2)	Sell to authorized recyclers	360 MT/Year
4.	Chemical sludge from waste water treatment (Schedule - I, Cat. No. 35.3)	Co-processing in cement kilns	150 MT/Annum
5.	Empty barrels/containers/liners contaminated with hazardous chemicals/wastes (Cat. No. 33.1)	Sell to authorized recyclers	0.5 MT/Year

The amended authorization shall be valid for the period up to 05/06/2024. The details of authorization along with terms & conditions are given as per below:-

FORM 2 [See rule 6 (2)]

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

- Number of authorization 350/HO/HSMD/CECB/ATAL NAGAR, RAIPUR.
- Reference of online application no. 5150168 dated 18/03/2020
- The operator of facility i.e. occupier M/s Shivam Overseas, Village Guma, Distt. -Raipur (C.G.) is hereby granted authorization for based on the signed inspection report from RO generation, collection, storage, reuse and disposal of hazardous wastes in the premises situated at Village Guma, Distt. -Raipur (C.G.).

Detail of Authorisation

Sl.No.	Category of Hazardous Waste as per the Schedules I, II and III of these rules	Authorized mode of disposal or recycling or utilization or co- processing etc.	Quantity (Tonnes/Annum)
1.	Used or Spent oil (Schedule - I, Cat. No. 5.1)	Lubrication in machinery/Sell to authorized recyclers	0.5 KL/Year.
2.	Spent acid and alkali (schedule - I, Cat. No. 12.2)	Reuse in plant	375 KL/Year
3.	Zinc fines or dust or ash or skimmings in dispersible form (Schedule-I, Cat. No6.2)	Sell to authorized recyclers	360 MT/Year
4.	Chemical sludge from waste water treatment (Schedule - I, Cat. No. 35.3)	Co-processing in cement kilns	150 MT/Annum
5.	Empty barrels/containers/liners contaminated with hazardous chemicals/wastes (Schedule-I, Cat. No. 33.1)	Sell to authorized recyclers	0.5 MT/Year

C:User/LENOVO/Downloads/BALCO (1) doc2-

- (1) The amended authorization shall be valid for the period up to 05/06/2024.
- (2) The authorization is subject to the following conditions:

TERMS & CONDITIONS OF AUTHORIZATION

- The authorization shall comply with the provisions of Environment (protection) Act, 1986 and the rules made there-under.
- The authorization or its renewal shall be produced for inspection at the request of an officer authorized by the Chhattisgarh Environment Conservation Board.
- The person authorized shall not rent, lend, sell transfer or otherwise transport the hazardous wastes without obtaining prior permission of the Chhattisgarh Environment Conservation Board.
- Any unauthorized change in personnel, equipment, or working conditions as mentioned in the application by the person authorized shall constitute a breach of his authorization.
- 5. The person authorized shall implement Emergency Response Procedure (ERP) for which this authorization 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.
- The person authorized 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".
- It is the duty of the authorized person to take prior permission of the Chhattisgarh Environment Conservation Board to close down the facility.
- The record of consumption and fate of the imported hazardous and other wastes shall be maintained.
- Industry shall prepare emergency response plan (ERP) and ensure implementation the same at the event of any accident occurs due to handling and transporting of hazardous waste as per CPCB guideline.
- 10. The hazardous and other waste which gets generated during recycling or reuse or recovery or pre-processing or utilization of imported hazardous or other wastes shall be treated and disposed of as per standard operating procedures/guidelines issued by CPCB from time to time.
- An application for the renewal of an authorization shall be made three months before the expiry
 of authorization as laid down in the Rules.
- Annual return in form IV shall be filed by June 30th for the period ending 31st March of the last financial year.
- The wastes shall be collected and stored properly with adequate safety measures as per rule.
- Authorized person shall comply with the provisions of rule 17, 18 and 19 for packing, labeling and transport of Hazardous Waste.
- The authorized person should maintain the record of Hazardous Waste as per Form-3 of Hazardous and Other Wastes (Management & Transboundary Movement) Rules, 2016.
- The occupier shall follow the guidelines (if any) issued by Central Pollution Control Board or MoEF & CC for management of Hazardous waste from time to time.
- The industry shall display data outside factory gate on quantity and nature of hazardous chemicals and wastes being used in the plant, water and air emissions and solid wastes generated within the factory premises.

C:Uver/LENOVO Downloads/BALCO (1) doc3

ANNEXURE-4

PHOTOGRAPH OF RAINWATER HARVESTING







ANNEXURE-5

STACK EMISSION MONITORING REPORT



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ISO 9001:2015 ISO 14001:2015 ISO 45001:2018 **Certified Company**



Format No. - BEPL/QF/7.8/04

TEST REPORT

1DOT KET OKT					
ULR	TC 1 0 2 8 5 2 3 0	0 0 0 0 0 3	1 6 F		
Report No.:BEPLTR	20230528ST012	Date of	Issue: 28.05.2023		
Name and Address of Customer	M/s Shivam Overaseas Village- Guma, Raipur Dist Raipur (C.G.)				
Lab Sample ID.	BEPL/ST/2023050901/005	Customer Sample ID	ST-01		
Sample Description	Stack	Sampling Done By	BEPL Staff		
Sampling Location	Galvanizing Plant-I	Date of Sampling	08.05.2023		
Date of Sample Received	09.05.2023	Analysis Duration	09.05.2023 to 10.05.2023		

ANALYSIS RESULT Stack Attached to : Furnace(Zinc Bath) Type of fuel used : Furnace Oil (LDO) Stack height above the ground : 25 mtr. Stack dia at Port Hole : 0.3 mtr Material of construction : MS Time of Sampling (in Minute) : 37 Minute Attached APCS : Cyclone Ambient Temperature : 38°C Flue Gas Temperature 143°C Velocity of Flue Gas : 9.0 m/s Quantity of Emission : 1608.2 Nm3/hr Sr. Limits as Parameter Unit Result No. Test Method per Consent 1 Particulate Matter (PM) mg/Nm3 16.52 25 IS 11255 (P-1) 2 Sulphur Dioxide (SO2) mg/Nm^3 12.34 IS 11255 (P-2) Oxides of Nitrogen 3 mg/Nm³ 10.99 IS 11255 (P-7) (NOx as NO2)

Note:

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- The customer asked for the above tests only.
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- Responsibility of the BEPL is limited to the invoiced amount only



(Meman Kumar Sinha) **Authorized Signatory**

For, Bhoomi Envirotech Pvt. Ltd.

Bhoomi Envirotech Pvt.Ltd.



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Format No. - BEPL/QF/7.8/04

TEST REPORT

ULR	TC 1 0 2 8 5 2 3 0	0 0 0 0 0 3	1 7 F
Report No.:BEPLTR2	20230528ST013	Date of	Issue: 28.05.2023
Name and Address of Customer	M/s Shivam Overaseas Village- Guma, Raipur Dist Raipur (C.G.)		
Lab Sample ID.	BEPL/ST/2023050901/006	Customer Sample ID	ST-02
Sample Description	Stack	Sampling Done By	BEPL Staff
Sampling Location	Galvanizing Plant-II	Date of Sampling	08.05.2023
Date of Sample Received	09.05.2023	Analysis Duration	09.05.2023 to 10.05.2023

ANALYSIS RESULT

Stack Attached to

Type of fuel used

Stack height above the ground

Stack dia at Port Hole

Material of construction

Time of Sampling (in Minute)

Attached APCS

viewed By

Ambient Temperature Flue Gas Temperature

Velocity of Flue Gas

Quantity of Emission

: Furnace (Zinc Bath)

: Furnace Oil (LDO)

: 25 mtr.

: 0.3 mtr

: MS

: 36 Minute

: Cyclone

: 38°C

: 90°C

: 8.0 m/s

: 1638.7 Nm3/hr

Sr. No	Parameter	Unit	Result	Limits as per Consent	Test Method
1	Particulate Matter (PM)	mg/Nm ³	15.06	25	IS 11255 (P-1)
2	Sulphur Dioxide (SO2)	mg/Nm ³	13.71		IS 11255 (P-2)
3	Oxides of Nitrogen (NOx as NO2)	mg/Nm ³	11.56		IS 11255 (P-7)

Note:

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- Responsibility of the BEPL is limited to the invoiced amount only.

FOI POINT PO

For, Bhoomi Envirotech Pvt. Ltd.

(Meman Kumar Sinha)
Authorized Signatory

.....End of test report.....

ANNEXURE-6

FUGITIVE EMISSION MONITORING REPORT



Bhoomi Envirotech Pvt. Ltd.

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TEST REPORT

Report No.: BEPLTR	20230528FE004	Date o	of Issue: 28.05.2023			
Name and Address of Customer	M/s Shivam Overaseas Village- Guma, Raipur Dist Raipur (C.G.)		20.00.2023			
Lab Sample ID	BEPL/FE/20230509/005- 006	Customer Sample ID	FE-01-02			
Sample Description	Fugitive Emission Monitoring	Sample Collected By	BEPL Staff			
Date of Sampling	Date of Sampling 08.05.2023		4 hr.			
Date of Sample Received	09.05.2023	Sampling Analysis Duration	09.05.2023 To 11.05.2023			

ANALYSIS RESULT

Sr. No.	Sampling Location	Unit	Test Method	Suspended Particulate Matter (SPM)
1	Near Furnace Area	22 (22	IS : 5182	560.7
2	Near Finish Good Yard	μg/m3	(Part-4)	495.2
		CPCE	Standards	2000

Remark:

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- The customer asked for the above tests only.

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For, Bhoomi Envirotech Pvt. Ltd. (Meman Kumar Sinha)

.....End of test report.....

28-05-23

Authorized Signatory

ANNEXURE-7

AAQ MONITROING REPORT



Bhoomi Envirotech Pvt.Ltd.

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Format No. - BEPL/QF/7.8/02

TEST REPORT

a day a activa Cara																						
ULR	TC	1 0	2	8	5	2	3	0	0	0	0	0	0	T	3	1	2	F				
Report No.:BEPLTR20230528AAQ008								recon.	Date of Issue: 28.05.202									023				
Name and Address of Customer M/s Shivam Overaseas Village- Guma, Raipur Dist Raipur (C.G.)																						
Lab Sample ID.	BE	BEPL/AAQ/2023050901/001					1	Customer Sample ID						1	AAQ-01							
Sample Description	Am	Ambient Air Sample				,	Sampling Done By]	BEPL Staff								
Sampling Location	Ne	ar (Gate	e No	o2	2	-		Date of Sampling					08.05.2023								
Sampling Method	As	Per	Met	hoc	od Reference Duration of 24 hr.												•					
Weather Condition	Su	nny							Ambient Temperature						Min 27.0°C Max 38.0°C							
Date of Sample Received	09	.05.2	2023	3					Analysis Duration						9.05.2023 to 3.05.2023							

ANALYSIS RESULT

Sr. No.	Parameter	Unit	Result	Limit (As per NAAQS)	Method Reference
1	Particulate Matter (PM ₁₀)	μg/m³	92.41	100	IS 5182(P-23)
2	Particulate Matter (PM _{2.5})	μg/m³	42.62	60	IS 5182 (P-24)
3	Sulphur Dioxide (SO ₂)	μg/m³	21.39	80	IS 5182(P-2)
4	Nitrogen Dioxide (NO2)	μg/m³	29.42	80	IS 5182(P-6)

Note:

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For, Bhoomi Envirotech Pvt. Ltd.

(Meman Kumar Sinha)
Authorized Signatory

.....End of test report.....

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Format No. - BEPL/QF/7.8/02

TEST REPORT

ULR !	rc 1 0 2 8 5 2 3 0	0 0 0 0 0 3	1 3 F							
Report No.:BEPLTR2	0230528AAQ009	Date of Issue: 28.05.2023								
Name and Address of Customer M/s Shivam Overaseas Village- Guma, Raipur Dist Raipur (C.G.)										
Lab Sample ID.	BEPL/AAQ/2023050901/002	Customer Sample ID	AAQ-02							
Sample Description	Ambient Air Sample	Sampling Done By	BEPL Staff							
Sampling Location	Near Store Room	Date of Sampling	08.05.2023							
Sampling Method	As Per Method Reference	Duration of Sampling	24 hr.							
Weather Condition	Sunny	Ambient Temperature	Min 27.0°C Max 38.0°C							
Date of Sample Received	09.05.2023	Analysis Duration	09.05.2023 to 13.05.2023							

ANALYSIS RESULT

Sr. No.	Parameter	Unit	Result	Limit (As per NAAQS)	Method Reference
1	Particulate Matter (PM ₁₀)	µg/m³	89.50	100	IS 5182(P-23)
2	Particulate Matter (PM _{2.5})	μg/m³	39.44	60	IS 5182(P-24)
3	Sulphur Dioxide (SO ₂)	μg/m³	20.45	80	IS 5182(P-2)
4	Nitrogen Dioxide (NO2)	μg/m³	30.66	80	IS 5182(P-6)

Note:

Reviewed By

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For, Bhoomi Envirotech Pvt. Ltd. (Meman Kumar Sinha) **Authorized Signatory**

.....End of test report.....

Bhoomi Envirotech Pvt.Ltd.



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Format No. - BEPL/QF/7.8/02

TEST REPORT

ULR [TC 1 0 2	8 5 2	3	0	0 0	0	0	0	3	1	4 F				
Report No.:BEPLTR		Date of Issue: 28.05.2023									.2023				
Name and Address of Customer Dist Raipur (C.G.)															
Lab Sample ID.	BEPL/AAQ/20	BEPL/AAQ/2023050901/003			Customer Sample ID						AAQ-03				
Sample Description	Ambient Air	Ambient Air Sample			Sampling Done By					BEPL Staff					
Sampling Location	Near Admin	Near Admin Office			Date of Sampling					08.05.2023					
Sampling Method	As Per Meth	od Refe	erence Duration of Sampling 24 hr.							nr.					
Weather Condition	Sunny				Ambient Temperature						Min 27.0°C Max 38.0°C				
Date of Sample Received	09.05.2023			7	Analysis Duration 09.05.2023 13.05.2023					The state of the s					

ANALYSIS RESULT

Sr. No.	Parameter	Unit	Result	Limit (As per NAAQS)	Method Reference
1	Particulate Matter (PM ₁₀)	μg/m³	82.62	100	IS 5182(P-23)
2	Particulate Matter (PM _{2.5})	μg/m³	38.20	60	IS 5182(P-24)
3	Sulphur Dioxide (SO ₂)	μg/m³	18.69	80	IS 5182(P-2)
4	Nitrogen Dioxide (NO2)	μg/m³	27.49	80	IS 5182(P-6)

Note:

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For, Bhoomi Envirotech Pvt. Ltd.

(Meman Kumar Sinha)
Authorized Signatory

.....End of test report.....

ANNEXURE-8

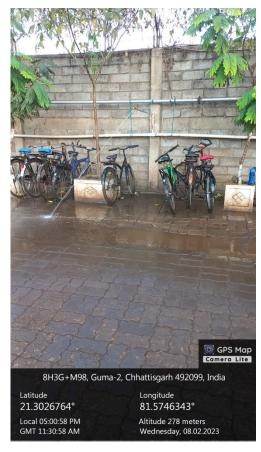
PHOTOGRAPH OF POLLUTION CONTROL EQUIPMENT





PHOTOGRAPH OF WATER SPRINKLER











PHOTOGRAPH OF ETP







GROUND WATER MONITO RING REPORT



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Format No. - BEPL/QF/7.8/01

TEST REPORT

ULR	TC 1 0 2 8 5 2 3	0 0 0 0 0 0 3 1	. 5 F				
Report No.:BEPLTR	20230528GW011	Date of	Issue: 28.05.2023				
Name and Address of Customer	M/s Shivam Overaseas Village- Guma, Raipur Dist Raipur (C.G.)	:					
Lab Sample ID	BEPL/GW/2023050901/004	BEPL/GW/2023050901/004 Customer Sample ID GW-01					
Sample Description	Ground Water (Borewell Water)	Sample Collected By	BEPL Staff				
Sampling Location	Near Main Gate	Date of Sampling	08.05.2023				
Sample Quantity Received	5 Ltr.		I				
Date of Sample Received	09.05,2023	Analysis Duration	09.05.2023 to 15.05.2023				

ANALYSIS RESULT

Sr.	Parameter Unit R		Result		as per IS 0:2012	Method	
No.	Farameter	Onic	Result	Acceptable	Permissible	Reference	
1.	pH at 25°C	-	7.35	6.5 - 8.5	No Relaxation	IS 3025(P-11)	
2	Total Dissolved Solid (TDS)	mg/Lit	598.0	500	2000	IS 3025(P-16)	
3	Total Hardness (as CaCO3)	mg/Lit	326.0	200	600	IS 3025(P-21)	
4	Calcium (as Ca)	mg/Lit	97.0	75	200	IS 3025(P-40)	
5	Magnesium (as Mg)	mg/Lit	20.50	30	100	IS 3025(P-46)	
6	Total Alkalinity	mg/Lit	92.0	200	600	IS 3025(P-23)	
7	Chloride (as Cl)	mg/Lit	152.9	250	1000	IS 3025(P-32)	
8	Sulphate (as SO ₄)	mg/Lit	7.68	200	400	IS 3025(P-24)	

Remark: mg/Lit- milligram per liter, N.D.- Not Detected

Note.

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Authorized Signatory

For, Bhoomi Envirotech Pvt. Ltd.

Reviewed By

.....End of test report.....

Page 1 of 1



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TEST REPORT

Report No.:BEPLTR2	0230528GW011A	Date of Issue: 28.05.202						
Name and Address of Customer	M/s Shivam Overaseas Village- Guma, Raipur Dist Raipur (C.G.)	•						
Lab Sample ID	BEPL/GW/2023050901/004	Customer Sample ID	GW-01					
Sample Description	Ground Water (Borewell Water)	Sample Collected By	BEPL Staff					
Sampling Location	Near Main Gate	Date of Sampling	08.05.2023					
Sample Quantity Received	5 Ltr.	*	J					
Date of Sample Received	09.05.2023	Analysis Duration	09.05.2023 to 15.05.2023					

ANALYSIS RESULT

Sr.	Parameter		Result		as per IS 0:2012	Method	
No.	1 41 4110 601	Unit	THE DUTE	Acceptable	Permissible	Reference	
1	Colour	Hazen	<1	5	15	IS 3025(P-4)	
2	Taste	-	Agreeable	Agreeable	Agreeable	IS 3025(P-7&8)	
3	Odour	-	Agreeable	Agreeable	Agreeable	IS 3025(P-5)	
4	Turbidity	NTU	<1	1	5	IS 3025(P-10)	
5	Free Residual Chlorine	mg/Lit	N.D.	0.2	1	IS 3025(P-26)	
6	Chloramines (as C12)	mg/Lit	N.D.	4	No Relaxation	IS 3025(P-26)	
7	Nitrate (NO3)	mg/Lit	0.35	45	No Relaxation	IS 3025(P-34)	
8	Ammonia(as Total Ammonia-N)	mg/Lit	N.D.	0.5	No Relaxation	IS 3025(P-34)	
9	Boron (as B)	mg/Lit	N.D.	0.5	1	IS 3025(P-57)	
10	Barium (as Ba)	mg/Lit	N.D.	0.7	No Relaxation	IS 13428 (AnnxK)	
11	Iron (as Fe)	mg/Lit	0.07	0.3	No Relaxation	IS 3025(P-53)	
12	Fluoride (as F)	mg/Lit	0.19	1	1.5	IS 3025(P-60)	
13	Manganese (as Mn)	mg/Lit	N.D.	0.1	0.3	IS 3025(P-59)	
14	Lead (as Pb)	mg/Lit	N.D.	0.01	No Relaxation	IS 3025(P-47)	
15	Zinc (as Zn)	mg/Lit	0.04	5	15	IS 3025(P-49)	



Page 1 of 2



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Report No. BEPLTR20230528GW011A Cont

			- Annual Control		REPORT NO. BEPLIKZ	0230528GW011A Cont.
16	Copper (as Cu)	mg/Lit	N.D.	0.05	1.5	IS 3025(P-42)
17	Cadmium (as Cd)	mg/Lit	N.D.	0.003	No Relaxation	IS 3025(P-41)
18	Aluminium (as Al)	mg/Lit	N.D.	0.03	0.2	IS 3025(P-55)
19	Nickel (as Ni)	mg/Lit	N.D.	0.02	No Relaxation	IS 3025(P-54)
20	Mercury (as Hg)	mg/Lit	N.D.	0.001	No Relaxation	IS 3025(P-48)
21	Arsenic (as As)	mg/Lit	N.D.	0.01	0.05	IS 3025(P-37)
22	Selenium (as Se)	mg/Lit	N.D.	0.01	No Relaxation	IS 3025(P-56)
23	Silver (as Ag)	mg/Lit	N.D.	0.1	No Relaxation	IS 13428 (AnnxJ)
24	Chromium (as Cr)	mg/Lit	N.D.	0.05	No Relaxation	IS 3025(P-52)
25	Sulphide (as H2S)	mg/Lit	N.D.	0.05	No Relaxation	IS 3025(P-29)
26	Molybdenum(as Mo)	mg/Lit	N.D.	0.07	No Relaxation	IS 3025(P-02)
27	Cyanide (as CN)	mg/Lit	N.D.	0.05	No Relaxation	IS 3025(P-27)
28	Anionic Detergent (as MBAS)	mg/Lit	N.D.	0.2	1	IS 13428 (AnnxK)
29	Phenolic Compound(as C6H5OH)	mg/Lit	N.D.	0.001	0.002	IS 3025(P-43)
30	Polychlorinated Biphenyls	mg/Lit	N.D.	0.0005	No Relaxation	ASTM 5175
31	Poly Aromatic Hydrocarbons (as PAH)	mg/Lit	N.D.	0.0001	No Relaxation	APHA 6440
32	Mineral Oil	mg/Lit	N.D.	0.5	No Relaxation	IS 3025(P-39)
33	Total Coliforms	CFU/ 100ml	Absent		l not be le in 100 ml	APHA 22nd Ed.2012,9921- B & C, 9-66 & 69
34	E . Coli	CFU/ 100ml	Absent	Shall not be detectable in 100 ml		APHA 22nd Ed.2012,9921- B & C, 9-66 & 69

Remark: mg/Lit- milligram per liter, N.D.- Not Detected, CFU- Coliform Unit.

Note:

- The results given above are related to the tested sample, as received & mentioned parameters.
- The customer asked for the above tests only.
- This test report shall not be reproduced without the permission of Bhoomi Envirotech Pvt. Ltd. (BEPL)
- The test report will not be used for any publicity/legal purpose.
- Responsibility of the BEPL is limited to the invoiced amount only.

THE COLUMN TO THE PARTY OF THE

For, Bhoomi Envirotech Pvt. Ltd.

(Meman Kumar Sinha)
Authorized Signatory

.....End of test report.....

Page 2 of 2

ETP OUTLET MONITROING REPORT



Bhoomi Envirotech Pvt.Ltd.

D-1, Sector-3, Priydarshini Nagar, Behind Vijeta Complex, Raipur-492006 Email- info.bhoomienvirotech@gmail.com Web Site: www.bhoomienvirotech.co.in ISO 9001:2015 ISO 14001:2015 ISO 45001:2018 Certified Company



Format No. - BEPL/QF/7.8/01

TEST REPORT

ULR TC	1 0 2 8 5 2 3 0	0 0 0 0 0 3 1	8 F					
Report No.:BEPLTR20230528WW014 Date of Issue:28.05.20								
Name and Address of Customer	M/s Shivam Overaseas Village- Guma, Raipur Dist Raipur (C.G.)							
Lab Sample ID	BEPL/WW/2023050901/007 Customer Sample ID WW-01							
Sample Description	ETP Water (Outlet)	Sample Collected By	BEPL Staff					
Sampling Location		Date of Sampling	08.05.2023					
Sample Quantity Received	5 Ltr.							
Date of Sample Received	09.05.2023	Analysis Duration	09.05.2023 to 15.05.2023					

ANALYSIS RESULT

				Limits as pe Discharge of	Method	
Sr. No.	Parameter	Unit	Result	Inland Surface Water	Public Sewer	Reference
1	pH at 25°C	-	7.25	5.5 to 9.0	5.5 to 9.0	IS 3025(P-11)
2	Total Suspended Solids (TSS)	mg/Lit	12.0	100	600	IS 3025(P-17)
3	Chemical Oxygen Demand (COD)	mg/Lit	191.76	250		IS 3025(P-58)
4	Biological Oxygen Demand (BOD 3 Days 27°C)	mg/Lit	20.0	30	350	IS 3025(P-44)
5	Oil & Grease	mg/Lit	3.40	10	20	IS 3025(P-39)

Remark: mg/Lit - milligram per liter,

Note:

Reviewed By

- The results given above are related to the tested sample, as received & mentioned parameters.
- The customer asked for the above tests only.
- This test report shall not be reproduced without the permission of Bhoomi Envirotech Pvt. Ltd. (BEPL)
- The test report will not be used for any publicity/legal purpose.
- Responsibility of the BEPL is limited to the invoiced amount only.

For, Bhoomi Envirotech Pvt. Ltd.

(Meman Kumar Sinha)
Authorized Signatory

.....Énd of test report.....

Page 1 of 1

PHOTOGRAPH OF DRAIN





NOISE LEVEL MONITORING REPORT



Bhoomi Envirotech Pvt. Ltd.

D-1, Sector-3, Priydarshini Nagar, Behind Vijeta Complex, Raipur-492006 Email- info.bhoomienvirotech@gmail.com Web Site: www.bhoomienvirotech.co.in ISO 9001:2015 ISO 14001:2015 ISO 45001:2018 Certified Company

TEST REPORT

Report No.: BEPLTR20	230528N003	Date of	Issue: 28.05.2023
Name and Address of Customer	M/s Shivam Overaseas Village- Guma, Raipu Dist Raipur (C.G.)	r	
Lab Sample ID	BEPL/N/20230509/001- 004	Customer Sample ID	N-01-04
Sample Description	Ambient Noise	Monitoring Done By	BEPL Staff
Monitoring Procedure	As Per IS 9989 & CPCB Guidelines	Weather Condition	Sunny
Date of Sampling	08.05.2023	Duration of Sampling	24 hr.

MONITORING RESULT OF NOISE LEVEL

Sr.	Location	Observed Value dB(A)							
No.	Location	Day Time	Night Time						
1	Near Admin office	68.0	59.5						
2	Near Weighing Bridge Area	73.8	63.4						
3	Near Store Room	72.4	62.2						
4	Near Main Gate	73.2	61.7						

Note:

- The results given above are related to the tested sample, as received & mentioned parameters.
- The customer asked for the above tests only.
- This test report shall not be reproduced without the permission of Bhoomi Envirotech Pvt. Ltd. (BEPL)
- The test report will not be used for any publicity/legal purpose.
- Responsibility of the BEPL is limited to the invoiced amount only.

THE PARTY OF THE P

For, Bhoomi Envirotech Pvt. Ltd.

(Meman Kumar Sinha)
Authorized Signatory

.....End of test report.....

Page 1 of 1

ANNEXURE-16 ETP SLUDGE STORED



INVOISE COPY OF SOLID WASTE



SHIVAM OVERSEAS

VILLAGE GUMA POST TENDUA HIRAPUR BANA ROAD, RAIPUR, CHHATTISGARH, INDIA,RAIPUR - 492001,INDIA GST No. : 22ACLFS9821N2ZI PAN No. : ACLFS9821N



ORIGINAL FOR RECEPIENT

TAX INVOICE

	1717			_				
IRN No. : a75a8f45ccc7922abdd048d16ed921efa2bb70dAck.No. : 182313153725762	eca273958c7	2eb084d620)e635	1				04-MAR-23 04-MAR-23
Tax Invoice No.: AS22Y-02602 Tax Invoice Date	: 04-03-2	023	Sale	Orde	r No & Date :	402230	3-001 03	-03-2023
Details of Receiver (Billed To) KRISHNA ENTERPRISES,KOTA G-1-225 (F) ROAD NO. 5, I.P.I.A,KOTA ,,KOTA - 324005,KOT State Name : RAJASTHAN SI GSTIN : 08ABJPJ8936C1ZI PAN No. : ABJPJ8936C Payment Mode : On Credit Payment Due days : 1 Payment Due date : 05-MAR-23 E-Way Bill No. : 881293711301 E-Way Bill Date : 04-MAR-23 Agent Name : KRISHNA ENTERPRISES	A,INDIA tate Code :		KRIS G-1-2 State GSTI PAN Tran Nam LR N Vehice	SHNA 225 (F) e Name IN No. nsport e o.	: 08ABJP : ABJPJ8 er Details : AMAR I : 12080	5,KOTA LA,KOTA ,,KOT THAN 18936C1ZI 936C DEEP TRANS	Sta SPORT COM LR Date : 0	te Code : 8
Sr. Description of Goods	HSN	Qty	UM	PCS	Basic Rate	Diff.	Rate	Material Amount
1 ZINC ASH	79020090	25.090	MT		54,000.00	0.00	54,000.00	13,54,860.00
Total	' '	25.090)			Materi	al Value	13,54,860.00
Total Invoice Value (In Word) : Rs - Fifteen Lakhs Ninety Eight Thousand Seven Hundred Thirty	Five Only .		IGS ROU	T JND C	FF	18.00	%	2,43,874.80
		8	Asse	essabl	le Value			13,54,860.00
Subject to Reverse Charge :- No			Tota	l Invo	oice Amt. (INR)			15,98,735.00

Terms & Conditions:

- 1. All disputes are subjected to Raipur Jurisdiction.
- 2. All Goods are to be Checked at our work place before dispatch & will be not be taken back
- 3. The Company is not responsible for shortage or loss of goods during transport. 4. Interest @ 30 % p.a. will be charged if payment is not paid by due date.

Note: TDS SHOULD BE DEDUCTED ON ASS.VALUE @ 0.10% I.E. Rs - /-Company's Bank Details

Bank Name : HDFC Bank A/C No. 50200035879754

Branch : G.E.ROAD 492010 RAIPUR CHHATTISGARH INDIA

IFS Code : HDFC0000769



For, SHIVAM OVERSEAS

Driver Signature Prepared By Checked By Authorised By





SHIVAM OVERSEAS

VILLAGE GUMA POST TENDUA HIRAPUR BANA ROAD,RAIPUR, CHHATTISGARH, INDIA,RAIPUR - 492001,INDIA GST No. : 22ACLFS9821N2ZI PAN No. : ACLFS9821N



ORIGINAL FOR RECEPIENT

TAX INVOICE

IRN No. : 57130e3e09d6d27059101a52800196b9a755cecc Ack.No. : 182313254536472	d07307b8b	83b6d6cca	de363	f7			IRN Date : Ack.Date :	21-MAR-23 21-MAR-23
Tax Invoice No.: AS22Y-02705 Tax Invoice Date:	21-03-2	023	Sale	Orde	r No & Date :		1-001 21	
Details of Receiver (Billed To) AMBICA DHATU PVT LTD NH-6 JALAN INDUSTRIAL COMPLEX,BIPRANNAPARA , P.O. BEG HOWRAH,HOWRAH - 711411 State Name : WEST BENGAL State GSTIN : 19AACCA6054D1ZX PAN No. : AACCA6054D	RI, e Code :	19	AME NH-6 - 711	ICA [JALAN 411 Name	e : WEST I	D MPLEX,BIPRANN BENGAL C A6054D1ZX	Sta	BEGRI, HOWRAH,Howral
Payment Mode : On Credit Payment Due days : 1 Payment Due date : 22-MAR-23 E-Way Bill No. : 891297622987 E-Way Bill Date : 21-MAR-23 Agent Name : HIND COMMERCIAL			Nam LR N Vehic	e o. cle No	: 3208		STICS LR Date : 2 Mode :	:1-03-2023
Sr. Description of Goods	HSN	Qty	UM	PCS	Basic Rate	Diff.	Rate	Material Amount
1 ZINC DROSS 7	79020010	23.840	MT		2,21,229.00	0.00	2,21,229.00	52,74,099.36
Total		23.840)			Materi	al Value	52,74,099.36
Total Invoice Value (In Word) : Rs - Sixty Two Lakhs Twenty Three Thousand Seven Hundred Nine	eteen Only		IGS	URAN T IND C		10.00 18.00		238.40 9,49,380.80 0.44
			Asse	essab	le Value			52,74,337.76
Subject to Reverse Charge :- No			-	1 -	oice Amt. (INR)	-		62,23,719.00

Terms & Conditions:

- All disputes are subjected to Raipur Jurisdiction.
- 2. All Goods are to be Checked at our work place before dispatch & will be not be taken back
- 3. The Company is not responsible for shortage or loss of goods during transport.
- 4. Interest @ 30 % p.a. will be charged if payment is not paid by due date.

Note:

- 1. Insurance No. & Date C2334658 Dt. 23/09/2022
- 2. Insurance Company Future Generali India Insurance Company Limited TDS SHOULD BE DEDUCTED ON ASS.VALUE @ 0.10% I.E. Rs /-

Company's Bank Details

Bank Name : HDFC Bank A/C No. : 50200035879754

Branch : G.E.ROAD 492010 RAIPUR CHHATTISGARH INDIA

IFS Code : HDFC0000769



For, SHIVAM OVERSEAS

Driver Signature Prepared By Checked By Authorised By

COPY OF TAX INVOICE OF REFRACTORY



SHIVAM OVERSEAS

VILLAGE GUMA POST TENDUA HIRAPUR BANA ROAD,RAIPUR, CHHATTISGARH, INDIA,RAIPUR - 492001,INDIA GST No.: 22ACLFS9821N2ZI PAN No.: ACLFS9821N



	.: 22ACLFS98							
ORIGINAL FOR RECEPIENT	ZZACLF390	OZINZZI I	PANI	10. : A	ICLES9021IN			
ORIGINAL FOR RECEPTENT	TΛΥ	INVO	זר	`F			国政治學教育學科	PETITORIE NESE
IRN No. : 126aafc64bf3d4564c2ac9c720b137465b2							IRN Date :	30-MAD-33
Ack.No. : 182313313350733	73700C0213CaL	Juc3020307	ic/ca.	,				30-MAR-23
Tax Invoice No.: AS22Y-02805 Tax Invoice [Date: 30-03-	2023	Sale	Orde	r No & Date :	402232	29-001 29	-03-2023
Details of Receiver (Billed To)			Deta	ails of	Consignee (S	hipped To)		
Anurag Refractories	OLONIV NEAD L				efractories	N 4 5 1400	ID C I N	V D. ID
SAVITRI NIWAS SAVITRI NIWAS HOUSE NO A 5,MPHB C PETROL PUMP BILASPUR ROAD BIRGAON,RAIPUR - 4932		EENU			s Savitri Niwas Hoi ad Birgaon,Raipur -		1B Colony Near	Veenu Petrol Pump
State Name : CHHATTISGARH	State Code	: 22	State	e Nam	e : CHHAT	TISGARH		ate Code : 22
GSTIN : 22DSXPS9323C1ZC			GST.			PS9323C1ZC	:	
PAN No. : DSXPS9323C Payment Mode : Nextday Payment			PAN		: DSXPS	9323C		
Payment Due days: 1					ter Details			
Payment Due date: 31-MAR-23			Nam LR N		: SELF :		LR Date : 2	00-03-2023
E-Way Bill No. :				cle No		321		By Road
E-Way Bill Date :					tails TO PAY			- /
Agent Name : ANURAG Sr. Description of Goods	HSN	Otv	UM	PCS	Basic Rate	Diff.	Rate	Material Amount
Si. Description of Goods	пэм	Qty	UM	PCS	Basic Rate	Dill.	Kate	Material Amount
1 WASTE & SCRAP - GROG REFRECTORIES	69022020	22,000.000	KG		1.00	0.00	1.00	22,000.00
Total		22,000.000)			Mater	ial Value	22,000.00
Total Invoice Value (In Word) : Rs - Twenty Six Thousand Two Hundred Twenty Only .				T/UC	SST	9.00	%	1,980.00
ks - Twenty Six Thousand Two Hundred Twenty Only .			CGS			9.00 1.000	% %	1,980.00 260.00
					le Value	1.000	-	22,000.00
Subject to Reverse Charge :- No					oice Amt. (INR)			26,220.00
			1000	11 1110	DICE AIIIC. (INK)			20,220.00
Terms & Conditions:								
All disputes are subjected to Raipur Jurisdiction All Goods are to be Checked at our work place		h 9. will ho	not k	o take	an hack			
3. The Company is not responsible for shortage o					ell Dack			
4. Interest @ 30 % p.a. will be charged if paymer								
Note:	@ 0 100/ T F	D- /						
TDS SHOULD BE DEDUCTED ON ASS.VALUE	@ U.1U% I.E	. KS - /-					I	
Company's Bank Details Bank Name : HDFC Bank							0	第一条第二条第4回
A/C No. : 50200035879754							9	
Branch : G.E.ROAD 492010 RAIPU	R CHHATTISC	ARH INDIA					3	
IFS Code : HDFC0000769	K GIIIAI 1130	4 11 11 11 11 11 11 11 11 11 11 11 11 11	•				3	4 + 4 5 4 5
. 1101 00000709							1	

For, SHIVAM OVERSEAS

Driver Signature Prepared By Checked By Authorised By

PHOPTOGRAPH OF GREEN BELT





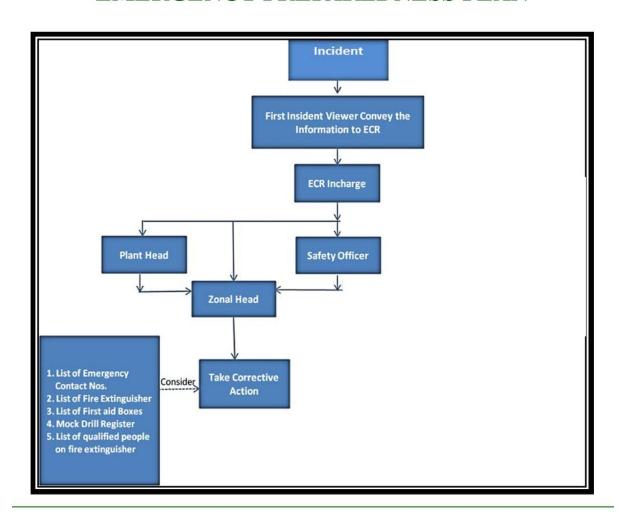






COPY OF EMERGENCY PREPARDNESS PLAN

EMERGENCY PREPAREDNESS PLAN



COPY OF OCCUPATIONAL HEALTH SURVEILLANCE OF WORKERS

क्र.	Workername	Age	Sex	General Exam	EyeFindings
1	SWAPAN KUMAR PAL	58	Male	NORMAL	NORMAL
2	RAM RAJ GANGARAM	45	Male	NORMAL	NORMAL
3	AWADHESH KUMAR	29	Male	NORMAL	NORMAL
4	RAKESH KUMAR MANKANDE	31	Male	NORMAL	NORMAL
5	GUDDU RAM	38	Male	NORMAL	NORMAL
6	SHIV PRASAD	25	Male	NORMAL	NORMAL
7	TARA SINGH	48	Male	NORMAL	NORMAL
8	RANJEET MUSHAR	24	Male	NORMAL	NORMAL
9	AMIT KUMAR	26	Male	NORMAL	NORMAL
10	VIRENDRA VISHWAKARMA	26	Male	NORMAL	NORMAL
11	KAMAL VERMA	35	Male	NORMAL	NORMAL
12	UDAY YADAV`	41	Male	NORMAL	NORMAL
13	MD KAMLUDDIN	26	Male	NORMAL	NORMAL
14	DINESH VISHWAKARMA	31	Male	NORMAL	NORMAL
15	DILIP KUMAR CHOUDHARY	40	Male	NORMAL	NORMAL
16	RAGHVENDRA SINGH	26	Male	NORMAL	NORMAL
17	PINTU SINGH	37	Male	NORMAL	NORMAL
18	HARISH MAHILANGE	25	Male	NORMAL	NORMAL
19	GUNJAN KUMAR	33	Male	NORMAL	NORMAL
20	RAM BABU	24	Male	NORMAL	NORMAL
21	LUCKY KUMAR	29	Male	NORMAL	NORMAL
22	PANKAJ SINGH	42	Male	NORMAL	NORMAL
23	ANNU CHANDRASEN	28	Male	NORMAL	NORMAL
24	LACHCHHI KUMAR YADAV	26	Male	NORMAL	NORMAL
25	PRABHAKAR KUMAR MISHRA	32	Male	NORMAL	NORMAL
26	SURYA NARAYAN	21	Male	NORMAL	NORMAL
27	MANISH KUSHWAHA	38	Male	NORMAL	NORMAL
28	PINTY KURREY	24	Male	NORMAL	NORMAL
29	DEV KUMAR YADAV	27	Male	NORMAL	NORMAL
30	DINESH MOHTA	34	Male	NORMAL	NORMAL

31	RAM SINGH	42	Male	NORMAL	NORMAL
32	KAMAL KANTA NAYAK	41	Male	NORMAL	NORMAL
33	SACHCHIDANAND PARASD	61	Male	NORMAL	NORMAL
34	JITENDRA SHAU	30	Male	NORMAL	NORMAL
35	MANOJ VERMA	40	Male	NORMAL	NORMAL
36	SURAJ PATIL	29	Male	NORMAL	NORMAL
37	ASHUTOSH SHUKLA	29	Male	NORMAL	NORMAL
38	RAKESH KUMAR TANDAN	32	Male	NORMAL	NORMAL
39	DEVDATT PATHAK	30	Male	NORMAL	NORMAL
40	SHIV TIWARI	36	Male	NORMAL	NORMAL
41	MUKESH MARKANDEY	26	Male	NORMAL	NORMAL
42	DEVENDRA	48	Male	NORMAL	NORMAL
43	ANIL BHAGATQ	38	Male	NORMAL	NORMAL
44	KANHAI KUMAR CHHURA	31	Male	NORMAL	NORMAL
45	RITON MIAH	22	Male	NORMAL	NORMAL
46	MANOJ JEET	28	Male	NORMAL	NORMAL
47	MD AJMUDDIN SHAH	34	Male	NORMAL	NORMAL
48	VIPIN KUMAR	22	Male	NORMAL	NORMAL
49	RAMESH TIWARI	32	Male	NORMAL	NORMAL
50	AMIT KONIYA	23	Male	NORMAL	NORMAL
51	HAWALDAR	26	Male	NORMAL	NORMAL
52	SATYPRAKASH	27	Male	NORMAL	NORMAL

			SWE				
INVESTIGATIO	NS		NA MA				
(8) Lab Investiga	tions:						
Haemogram Blood Group	Rh factor PositiveF	нь <u>14.0</u> g	m%	12			
RBC 4.7 DLC:- P 63	RBC 4.7.8 Platelets Count 21.8 TLC 5600						
Renal profile							
DI 111 . 1	2.0 S. Creatin	nine:0,80					
Hepatic profile	-SGOT25.QSGPT	21.9 Alkaline Pho	osphate: 57 S. Bilirubin				
Lipid profile : Serum Cholesterol	142.2 Triglycerides	90DHDL.	39.0 LDL .02	*0.			
Metabolic Blood Sugar R S	3.Q Blood Sugar PP	S. Uric Acid	4,28				
Urine: Albumin .	Mil Sugar	. Microscopy]				
Stool :	Live Jugar	•••••••••••••••••••••••••••••••••••••••					
(10) Other Invest	igation						
X-Ray Chest. PA			t t harden intermole)				
AND THE RESERVE OF THE PARTY OF	ce in three year), (in case of an	ny abnormality x-	ray can be done at shorter intervals) test should be carried out)				
Ultra Sound- Wh	ole abdomen (in normal person once	in three years in case of any a	bnormality canbe done at shorter interval				
Other							
(10)Pulmonary Fu	unction Test						
	FCV	FEV 1	FEV I/FVC				
PREDICATED	03.25	02.80	86.15				
MEASURED	02.85	02.72	95,44				
% OF PREDICATED	088	097	111				
Remark-							
(11) Audiometry		Dr. Es					
PTA	t. Ear 18.3	Rt. Ear 18.	3				
Remark BIL	Nooma Hemin	& Sensitivia	17				
	at frequency 150,250,500						
	amination of canteen st						
(a) Blood examina (b) Stool and urine	ation for venereal disease examination for worm infec	and routine blood	examination				
(c) Screening for	skin diseases (scabies and						
	her tests for T. B. specific medical examinat	ion carried out ass	nentioned in the respective sched	ules			
107 of C.G. Factory	rules 1962-	curren our ast	and the respective sched	dies 0			
			A				
Signature(with	date) of	Signature	e (with date)				
Factory Med	cal Officer	Certifyin	g surgen				
		M- 6	Daras Jain				
		D7. 4	Paras Jain MBBS, DMR				
		Rea	d. No3850				
		Anollo D	iagnostic Centre				
		RA	PUR (C.G.)				

COPY OF ENVIRONMENT POLICY

CORPORATE ENVIRONMENTAL POLICY OF THE FIRM

The Firm (M/s. Shivam Overseas) is committed to promote all steps for protection of environment and promotion of sustainable development, and to abide by environmental norms and various conditions stipulated by the Govt. of India as well as State Govt. of CG.

Environment Policy

Protection of environment is of prime concern and an important business objective of our firm,

Our Firm is committed to;

- Operate the manufacturing & other facilities in compliance with all applicable laws and regulations related to environment and health & safety of employees and surrounding communities.
- Prepare and maintain site specific legal records listing all the applicable regulations and the compliance requirements.
- 3) Operate all the process plants in accordance to the CREP guidelines.
- 4) Continually improve the environmental performance of organizational processes and products through waste minimization and pollution abatement.
- Minimize consumption of natural resources through the reduction, reuse or recycling of materials, as much as possible.
- 6) Encourage efficient use of Fuel, energy, water and utilities.
- Purchase products and services, as far as possible, that do the least damage to the environment on a life cycle basis.
- 8) Promote environmental awareness among the employees and encourage them to work in an environmentally responsible manner.
- Communicate the environmental commitment and performance of the organization to its clients, customers and the public.
- 10) Develop and maintain appropriate emergency and response programs where required by legislation or where significant health, safety or environmental hazards exist.
- 11) Develop and maintain greenery in and around plant and along the approach road.

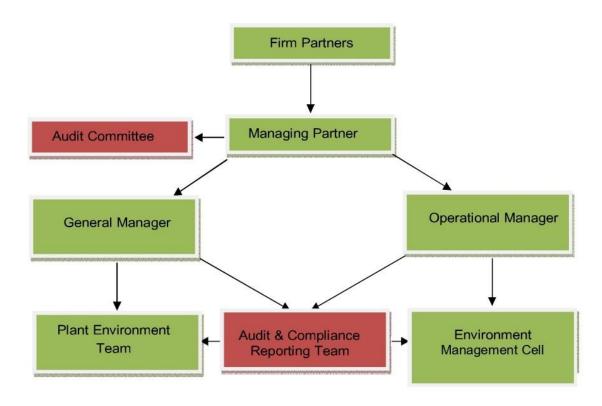
M/s. Shivam Overseas acknowledged the importance of the concept of inter-dependence of all sections of society. In particular, its focus revolves around the community residing in the immediate vicinity of our unit, we will actively assist in improving the quality of life. In line with its abiding concern for preservation of the ecological balance and safeguarding the health and environment of the community, we will always actively demonstrate our action to protect the environment. Our company is deeply committed professional management based on philosophy of the best in business ethics.

RESPONSIBILITIES OF ENVIRONMENTAL MANAGEMENT CELL (EMC) ADDRESSED IN SOP'S

M/s. Shivam Overseas shall have an organization structure to oversee the effective implementation of corporate Environmental policy. This structure shall define key responsibilities within the various levels of the organization for policy implementation and shall include involvement at all the levels throughout the organization.

The management shall ensure availability of resources essential to implement the corporate environment policy across its all operational and project units. Resources shall include human resources, organizational infrastructure, technology and financial resources. Roles and responsibilities shall be defined and documented to facilitate the effective implementation of the environment policy.

As part of the existing Team structure, Audit & Compliance reporting team shall also oversee the environmental status inclusive of the conditions prescribed under various environmental consents and clearances, as and when obtained from various State and Central Govt. authorities, as well as the corporate norms, standards and targets that exceed the legal compliance requirements. An Organization structure in this regard is shown below:



OVERALL ORGANIZATION STRUCTURE OF THE FIRM

Documentation

The policy shall be made available on the Firms website and also be available in hard copy. The planning, implementation and monitoring of the organizational environmental performance shall be documented. All achieved milestones will be supported by documentary evidence in the form of photographs, monitoring records and/or reports, wherever applicable

Transparency in the implementation of Environmental Policy

Monitoring will be conducted periodically as per relevant norms framed by CECB; CPCB and MoEFCC and all other statutory authorities. It shall serve to drive accountability and transparency and provides for learning to implement in future initiatives. Firm shall implement a monitoring mechanism by its defined organizational structure with clear roles & responsibilities for every operational and project units by creating a register specifying all the regulatory compliances and clearances conditions that have been imposed by the authorities. Firm shall also prepare Annual Environmental performance report.

Audit & Review

Review and audit is essentially a management tool. However, its application is crucial at the operational level for verification and feedback on the effectiveness of organization system and environmental performance. Basically, auditing involves in the following items:

- Line management system
- · awareness and training
- Procedures: standards, targets
- Plans: Waste, contingency, pollution control compliance
- Verify Env. impact assessment
- verify mitigation
- reporting and communication
- documentation

feedback

Internal Audit:

A system of firm auditing will be undertaken at each plant operation and includes the use of trained internal and external auditors. In addition, auditing should be undertaken to ensure compliance with all the applicable legislations.

Audit Type Frequency:

- Internal: From other site in-charge every 1 year.
- External independent expert every 3 year

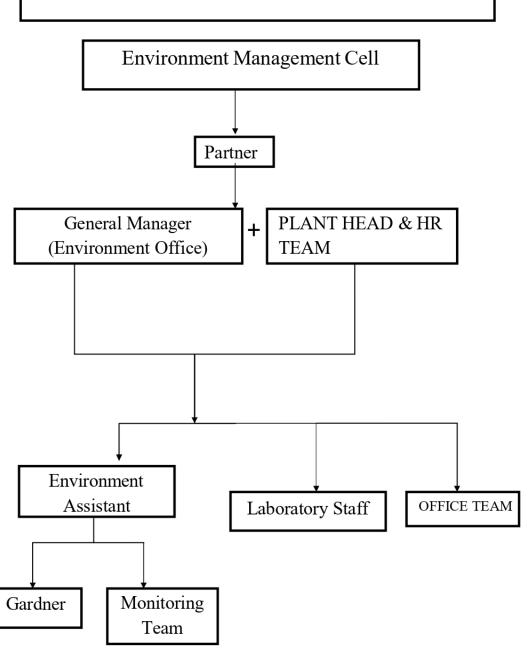
The firm shall depute internal / external auditors who are trained and certified as competent EMS auditors by an independent and external standard organization. The results of monitoring and auditing shall be regularly reported through the senior management team to ensure that action items are addressed.

COPY OF ENVIRONMENT MANAGEMENT CELL (EMC)

ENVIRONMENT MANAGEMENT CELL (EMC)

SHIVAM OVERSEAS

VILL. GUMA, POST TENDUA, HIRAPUR BANA ROAD, Raipur (C.G.) – 493099.



STEPS TOWARDS COMPLIANCE OF CREP GUIDELINES For SHIVAM OVERSEAS

1. Solid Waste/ Hazardous Waste Management:

We have obtained authorization under the Hazardous and Other Waste Management Rules, 2016 and its compliance is being done.

Generation and management of waste is given as below:

1	Used or Spent oil	Oil used in Lubrication in machinery.		
2.	Spent acid and alkali	Reuse in plant		
3.	Zinc fines or dust or ash or skimming in dispersible form	Sell to authorized recyclers		
4.	Chemical sludge from waste water treatment	sold to cement industry for co- processing		
5	Empty barrels/containers/liners contaminated with hazardous chemicals/wastes	Sell to authorized recyclers		

2. Water conservation / Water Pollution

We have installed 80 KLD ETP for the G.I. Plant, where water is treated and recycled in the plant.

We have adopted a closed-circuit cooling system where water is recycled.

The domestic wastewater is being treated through Septic Tank and Soak Pit.

Zero discharge is being always maintained.

3. Air Pollution Monitoring

We have provide adequate air pollution control arrangements like fume extraction system and wet scrubber in Galvanizing Plant with minimum 25 meter stack height to ensure particulate matter emission less than 25 mg/Nm3 all the time.

Adequate measures have been taken to control fugitive emission as:

- 1. Internal roads used for transportation has been made pucca.
- Water sprinkler in road has been provided.
- 3. Raw material and waste are being kept within covered shed.
- 4. Transportation of material is being done in properly covered manner.
- 5. Good housekeeping practice has been adopted.
- In plant premises speed limited is strictly followed.
- 7. The vehicle with PUC is being used for transportation.
- 8. No vehicle older than 15 years allowed for transportation.
- 9. Green belt also helps to control fugitive emission.

4. Rain Water Harvesting

The company has already adopted Rain Water harvesting, and have implemented rain water harvesting structures.

5. Reduction in Green House Gases:

The management is committed to GHG emission reduction.

6. Reduction in Power consumption/ optimization of energy efficiency:

Technological innovations will be adopted which will result in a reduction in power consumption. The unit is always looking for technological advancement to reduce power consumption.

7. Monitoring and Analysis of Air and Water:

Fugitive emissions, AAQ, Stack emission, Water, Noise, Sludge Monitoring and Analysis is done in the plant premises through NABL accredited laboratories. Although water is not required in process, but water sampling is done on twice in yearly basis.

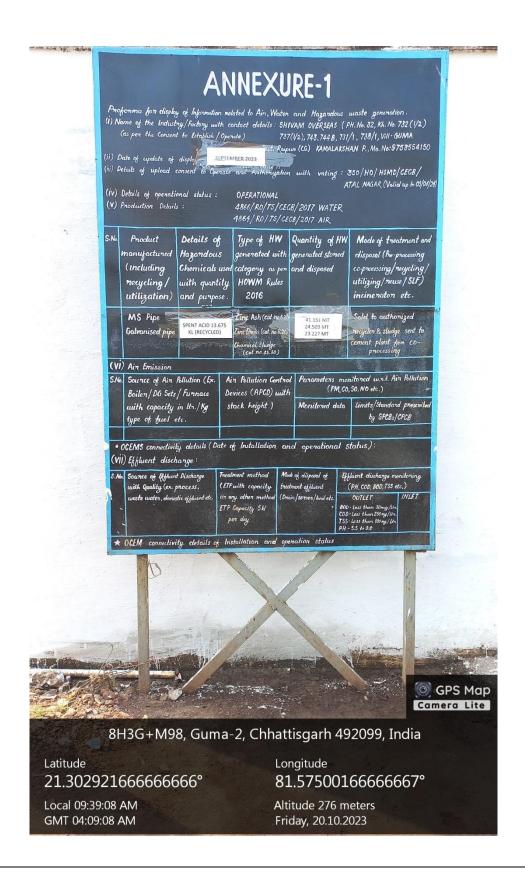
COPY OF LOCAL PERSON EMPLOYMENT

SL NO	NAME	DESIGNATION	SKILLED / UN-SKILLED	STATE	REMARKS
1	DINESH KUMAR SINGH	H.R.		CHHATTISGARH	
2	GIRIJA SHANKAR BAJPAI	WEIGHMENT		CHHATTISGARH	
3	MANOJ KUMAR JENA	ASST.PERSONNEL		CHHATTISGARH	
4	DHANENDRA SUKLA	NIGHT SUPER.		CHHATTISGARH	
5	VED PRAKASH	DESPATCH		CHHATTISGARH	
6	LAXMI PRASAD SAHU	STORE INCH.		CHHATTISGARH	
7	B. NAGESHWAR RAO	ACCOUNTS		CHHATTISGARH	
8	CHHATRAPAL PATLE	DESPATCH		CHHATTISGARH	
9	GADADHAR DAS	STORE INCH.		CHHATTISGARH	
10	ROSHAN VERMA	Pur. (Store)		CHHATTISGARH	
11	BADAL MISHRA	Store Purchase		CHHATTISGARH	
12	RAVENDRA KUMAR TRIPATHI	Field Sup.		CHHATTISGARH	
13	DILEEP CHOUDHERY	ELECTRICION	SKILLED	CHHATTISGARH	
14	PAWAN KUMAR NISHAD	ELE. HELPER	SKILLED	CHHATTISGARH	
15	MD. SALIM ALAM	ELECTRICION	SKILLED	CHHATTISGARH	
16	PRITAM KUMAR	ASST.ELECT	SKILLED	CHHATTISGARH	
17	DAYA RAM SAHU	ELE. HELPER	UN SKILLED	CHHATTISGARH	
18	GUDDU RAM	Asst.Shift Inch	SKILLED	CHHATTISGARH	
19	SHIV KUMAR TIWARI	SUP.	SKILLED	CHHATTISGARH	
20	RAKESH KUMAR TANDAN	SUP. ETP	SKILLED	CHHATTISGARH	
21	JITENDRA SAHU	SUP.	SKILLED	CHHATTISGARH	
22	RANJIT KUMAR YADAV	FUR.OPR	SKILLED	CHHATTISGARH	
23	RAMESH KUMAR TIWARI	FITTER	SKILLED	CHHATTISGARH	
24	GUNJAN KUMAR	BATH MAN	SKILLED	CHHATTISGARH	
25	HAVALDAR	BATH MAN	SKILLED	CHHATTISGARH	
26	PINTU MANJHI	BATH MAN	SKILLED	CHHATTISGARH	
27	AMIT KUMAR	BLO. Opr.	SKILLED	CHHATTISGARH	
28	AMIT KONIYA	BLO. Opr.	SKILLED	CHHATTISGARH	
29	SUNIL KUMAR	BLO. Opr.	SKILLED	CHHATTISGARH	
30	VIPIN KUMAR	DIE OPR	SKILLED	CHHATTISGARH	
31	ANKIT PANDIT	CRANE OPR.	SKILLED	CHHATTISGARH	
32	SACHIDANAND PRASAD PASWAN	HELPER	UN SKILLED	CHHATTISGARH	
33	PINTU KURRE	HELPER	UN SKILLED	CHHATTISGARH	
34	ASHLOK KURRE	Help. Weld.	UN SKILLED	CHHATTISGARH	
35	RAM RAJ GANGA RAM	TURNER	SKILLED	CHHATTISGARH	
36	ASHUTOSH KUMAR SHUKLA	TURNER	SKILLED	CHHATTISGARH	
37	SHIV PRASAD	TURNER	SKILLED	CHHATTISGARH	
38	VIKASH PASWAN	Asst.Opr	SKILLED	CHHATTISGARH	
39	VINAY NIMBALKAR	SUP.	SKILLED	CHHATTISGARH	

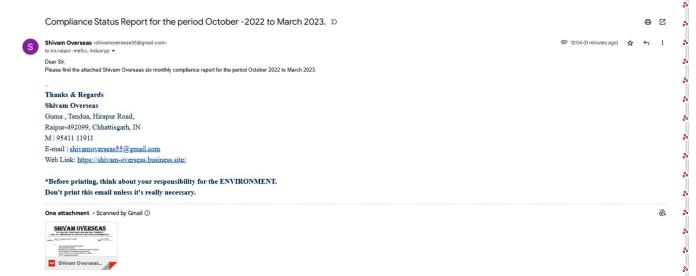
40	VISHAL TEMBHARE	SUP.	SKILLED	CHHATTISGARH
41	KOMAL CHAND KURRE	SUP. LOAD.	SKILLED	CHHATTISGARH
42	UDAY YADAV	OPERATOR	SKILLED	CHHATTISGARH
43	RINKU RAI	FITTER MAINT.	SKILLED	CHHATTISGARH
44	SURAJ KUMAR PATIL	FITTER	SKILLED	CHHATTISGARH
45	GOVARDHAN LAL SAHU	CRANE OPR.	SKILLED	CHHATTISGARH
46	NOHAR LAL TANDAN	CRANE OPR	SKILLED	CHHATTISGARH
47	RAJENDRA TANDAN	HELPER	UN SKILLED	CHHATTISGARH
48	GULSHAN SAHU	HELPER	UN SKILLED	CHHATTISGARH
49	DEEPAK KUMAR PATIL	Help. Work Shop	UN SKILLED	CHHATTISGARH
50	DEKESH KUMAR SONWANI	HELPER	UN SKILLED	CHHATTISGARH
51	SANDEEP SUMAN RAYDAS	HELPER	SKILLED	CHHATTISGARH
52	AWADESH KUMAR	THRE.OPR	SKILLED	CHHATTISGARH
53	MD.AJUMUDDIN	THRE.OPR	SKILLED	CHHATTISGARH
54	SHUBHAM VISHWAKARMA	SUP.	SKILLED	CHHATTISGARH
55	KANHAI KUMAR CHHURA	SUP.	SKILLED	CHHATTISGARH
56	DINESH KUMAR KASHYAP	SUP.	SKILLED	CHHATTISGARH
57	RAKESH KUMAR MARKENDE	CRANE OPR.	SKILLED	CHHATTISGARH
58	MUKESH KUMAR MARKENDE	CRANE OPR.	SKILLED	CHHATTISGARH
59	ABHAY RAJ SINGH	CRANE OPR.	SKILLED	CHHATTISGARH
60	SANT RAJ YADAV	CRANE OPR.	SKILLED	CHHATTISGARH
61	JAI KUMAR RAY	CRANE OPR.	SKILLED	CHHATTISGARH
62	LACHHI KUMAR	HELPER	UN SKILLED	CHHATTISGARH
63	DEV KUMAR YADAV	HELPER	UN SKILLED	CHHATTISGARH
64	ROSHAN SIPKA	Store	SKILLED	CHHATTISGARH
65	PASWANT KUMAR BARLE	WELDER	SKILLED	CHHATTISGARH
66	MANISH KUMAR	BATH MAN	SKILLED	CHHATTISGARH
67	TOMENDRA SAHU	CRANE OPR.	SKILLED	CHHATTISGARH
68	TARA SINGH DHIRAJ	Help.	UN SKILLED	CHHATTISGARH
69	BAJJU RAM	Help.	UN SKILLED	CHHATTISGARH
70	DEV LAL SINGH	Help. (Load)	UN SKILLED	CHHATTISGARH
71	NARENDRA BHARTI	Help.	UN SKILLED	CHHATTISGARH
72	SURY NARAYAN	Help. Str.	UN SKILLED	CHHATTISGARH
73	ANNU CHANDRASEN	HELPER	UN SKILLED	CHHATTISGARH
74	RAM BABU	Crane Opr.	SKILLED	CHHATTISGARH
75	SHANTI NIKETAN PATHAK	Store	UN SKILLED	CHHATTISGARH
76	DEVDATTA PATHAK	Help. ETP	UN SKILLED	CHHATTISGARH
77	SANDEEP KUMAR	HELPER	UN SKILLED	CHHATTISGARH
78	PINTU SINGH	ETP HELP	UN SKILLED	CHHATTISGARH
79	SUJIT KUMAR	OIL.HELPER	UN SKILLED	CHHATTISGARH
	L	-		

80	DEVENDRA	Help.	UN SKILLED	CHHATTISGARH
81	JITENDRA KUMAR MANHARE	Help.	UN SKILLED	CHHATTISGARH
82	RAHUL KUMAR KHUNTE	Help.	UN SKILLED	CHHATTISGARH
83	GAIND RAM KURRE	Help.	UN SKILLED	CHHATTISGARH
84	VIJAY SINGH	Help.	UN SKILLED	CHHATTISGARH
85	DILIP KUMAR DHIRAJ	HELPER	UN SKILLED	CHHATTISGARH
86	ROSTAM ANSARI	HELPER	UN SKILLED	CHHATTISGARH
87	RAGHUVEER KUMAR	Help.	UN SKILLED	CHHATTISGARH
88	RUPA CHARAN MEHER	ASST.ACCOUNTS	UN SKILLED	CHHATTISGARH
89	VISHAL SINGH	ASST.ACCOUNTS	SKILLED	CHHATTISGARH
90	HARISH MAHILANGE	LAB. HELPER	UN SKILLED	CHHATTISGARH
91	RAGHVENDRA KU.NIRMALKAR	HELPER	UN SKILLED	CHHATTISGARH
92	RANJEET YADAV	HELPER	UN SKILLED	CHHATTISGARH
93	SATYA PRAKASH KHUNTEY	HELPER	UN SKILLED	CHHATTISGARH
94	SAHDEV KU. DHIRAJ	OIL.HELPER	UN SKILLED	CHHATTISGARH

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SCREENSHOT OF ONLINE EC-COMPLIANCE SUBMITTED



COPY OF ENVIRONMENT STATEMENT

[FORM - V]

(See rule 14)

Environmental Statement for the financial year ending the 31st March 2023

PART - A

(i)	Name and address of the owner/occupier of	SHIVAM OVERSEASE
	the industry operation orprocess.	Khasra No. 732/(1,2), 737/(1,2), 743, 744B, 731/1, & 738/1 Village — Guma, Tehsil & District — Raipur, State - Chhattisgarh
		Contact Persons-Mr. KAMAL GARG,PARTNER, Mo9541111911
(ii)	Industry category Primary (STC code)	3a Brown Field
	Secondary(SICCode)	SIC Code – 24109
(iii)	Production capacity (unit)	Existing
		MS/SS/GI/GP Pipe- 90,000 TPA
(iv)	Year ofestablishment	25-01-2019
(v)	Date of the last environmental statementsubmitted	08.04.2023

PART - B

Water and River Material Consumption

(1)	Water consumption m ³ /day	15KL	
	Process	00 KL	
	Cooling	10 KL	
	Domestic	5 KL	

NameofProducts	Process water consumption per unit	t of productoutput.
	During thepreviousfinancial financial Year-2021-2022	During the Current Year 2022-2023
	(1)	(2)
(1) Cold rolling mill	Not applicable	Not applicable
(2) MS/SS/GI/GP Pipe	0 KL	0 KL

(Note - the water is only required for cooling purpose. The process does not required any water)

 Substituted by Rule 2 (b) of the Environment (Protection) Amendment Rules, 1993 notified vide G.S.R 3'6 (E) dated22.04.1993.

ii) Raw Material Consumption

*Name of raw	Name of	Consumption of raw m	tion of raw material per Unit of output		
materials	products	During previous financial year 2021-2022	During the current financial year 2022-2023		
Raw Material details			•		
MS STRIPS	M.S. Pipe	1.038 MT	1.037 MT		
MS Pipe & Zinc	G.I. Pipe	1.024 MT	1.020 MT		

^{*}Industry may use codes if disclosing details of raw material would violate contractual obligations, otherwise all industries have to name the raw materials used.

PART-C

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

1) Poll	utants	Quantity of pollutants discharged (mass/day) Kg/day	Concentrations of pollutants in discharges (mass/volume)	Percentage of variation from prescribed standards with reasons
a)	Water	Nil	Not applicable	Not application
b)	Air	24.15 Kg/Day	25 mg/Nm ³	We are maintaining the prescribe limit 25 mg/Nm ³

PART - D

Hazardous Wastes

(as specified under Hazardous Waste Management and Handling Rules, 1989)

Hazardous Wastes	Total Quantity (Kg.)/year		
	During the previous Financial Year 2021-2022	During the current Financial year 2022-2023	
Used or Spent Oil	0 l Kl/Annum	0 l Kl/Annum	
Spent Acid and Alkali	134.912 MT/Annum	117.093 MT/Annum	
Chemical Sludge from waste water Treatment (ETP)	49.756 TPA	47.936 TPA	
Empty barrels/containers/liners contaminated with hazardous chemicals/wastes	0.410 TPA	0.390 TPA	

a) From process : 48 TPA b) From pollution control facilities : NIL

$\underline{PART} - \underline{E}$

Solid Wastes

		Total Quantity	
		During the previous year2021-2022	During the current financial year 2022-2023
a) Fro	m Process		
Mil	l scale	399.145 TPA	301.295 TPA
Scr	aps.	1069.424TPA	1011.412TPA
Zin	c fines or dust or ash	202.541 TPA	190.671 TPA
Zin	c Dross	146.332 TPA	141.550 TPA
b)	Form pollution control facility	Nil	Nil
	quantity recycled or reutilized within		
the unit	the unit	Mill Scale	Mill Scale
		= Reused 0	= Reused 0
		Sold = 331.040Ton	Sold = 351.410 Ton
(2) Sold	Sold	Scraps	Scraps
		= Reused 0 Ton	= Reused 0 Ton
		Sold = 1074.033Ton	Sold = 1007.100 Ton
		Zinc fines or dust or	Zinc fines or dust or ash
		ash	= Reused=0.0 Ton
		= Reused $=$ 0 Ton	Sold = 199.810 Ton
		Sold = 181.09 Ton	
		Zinc Dross	Zinc Dross
		= Reused $=$ 0 Ton	= Reused = 0 Ton
(3)	Disposed	Sold = 140.06 Ton	Sold = 141.270 Ton

PART-F

Please specify the characterizations (in terms of composition of quantum) of hazardous as well as solid wastes and indicate disposal practice adopted for both these categories of wastes.

PART-G

Impact of the pollution abatement measures taken on conservation of natural resources and on the cost of production.

PART - H

Additional measures/investment proposal for environmental protection including abatement of pollution, prevention of pollution.

PART-I

Any other particulars for improving the quality of the environment.

N.A.

Date: 06-11-2023 Place: Raipur (CG) For, Shivam Overseas
For, SHIVAMOVERSEAS

Partner

KAMAL GARG (PARTNER)