

SIX MONTHLY COMPLIANCE REPORT
(For the period of 1st April, 2023 to 30th September, 2023)

OF



M/s KEJRIWAL CASTINGS LIMITED
DI Pipe manufacturing unit of capacity 97,200 MT/annum
(Current production capacity 48,600 MT/annum)

Environment Clearance Letter Ref No. 388/EN/T-II-I/066/2018 dated
18th February, 2020

Location At

Khatian no. 5770, J.L.no.58, Vill-Gopalpur, Bamunara Industrial Area,
Mouza- Barnunara, PS- Kanksa, Durgupur, PIN-713212, Dist.-Paschim
Bardhaman, West Bengal

Submitted By

M/s Kejriwal Castings Limited
Millennium City IT Park, DN 62, Salt lake,
Sec V, 14th floor, Tower-2,
Calcutta- 700091, West Bengal, India.

Half Year Compliance Report

A. Specific Conditions : Given in Annexure - 1 viz. Standards EC conditions for Induction/Electric Arc Furnace & Rollin Mills

I. Statutory Compliance:	Remarks
i. The project proponent shall obtain forest clearance under the provision of Forest (Conservation) Act, 1986, in case of the diversion of forest land for non-forest purpose involved in the project.	Not applicable as the project falls under Bamunara Industrial Park.
ii. The project proponent shall obtain clearance from the National Board for Wildlife, if applicable.	Not applicable as the project falls under Bamunara Industrial Park.
iii. The proponent shall prepare a Site-Specific Plan & Wildlife Management Plan and approved by the Chief Wildlife Warden. The recommendations of the approved Site-Specific Conversation Plan / Wildlife Management Plan shall be implemented in consultation with the State Forest Department. The implementation report shall be furnished along with the six-month compliance report. (in case of the presence of schedule-I species in the study area)	Not applicable as the project falls under Bamunara Industrial Park.
iv. The project proponent shall obtain Consent to Establish / Operate under the provisions of Air (Prevention & Control of Pollution) Act, 1974 from the concerned State Pollution Control Board/ Committee.	Consent-to-Establish Letter Memo No. - 145-2N-40/2018(E) dated 10.06.2020 is obtained from WBPCB before commencement of construction. Consent-to-Operate Letter No.- C0128983, Memo No.-124-7/WBPD-Cont(2604)/0S dated 01.02.2022 is obtained from WBPCB before commencement of operation. Copies enclosed in Annexure- VIII.
v. The project proponent shall obtain the necessary permission from the Central Ground Water Authority, in case of drawl of surface water required for the project.	Applications of Ground Water extraction from State Water Investigation Department (SWID) are attached in Annexure- IV.
vi. The project proponent shall obtain authorization under the Hazardous and other Waste Management Rules, 2016 as amended from time to time.	Complied.

II. Air quality monitoring and prevention	
<p>i. The project proponent shall install 24x7 continuous emission monitoring system at process stacks to monitor stack emission with respect to standards prescribed in Environment (Protection) Rules 1986 vide G.S.R 277 (E) dated 31st March 2012 (applicable to IF/EAF) as amended from time to time; S.O. 3305 (E) dated 7th December 2015 (Thermal Power Plants) as amended from time to time) and connected to SPCB and CPCB online servers and calibrate these system from time to time according to equipment supplier specification through labs recognized under Environment (Protection) Act, 1986 or NABL accredited laboratories.</p>	<p>Completed the installation process of 24x7 continuous emissions monitoring system. Real time monitoring is being done at the project site. Photographs of the same are enclosed in Annexure-1.</p> <p>Purchase Order of the same is enclosed in Annexure-VII.</p>
<p>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.</p>	<p>Complied.</p> <p>NABL accredited laboratory report enclosed in Annexure-11.</p>
<p>iii. The project proponent shall install system carryout Continuous Ambient Air Quality monitoring for common/criterion parameters relevant to the main pollutants released (e.g. PM10 and PM2.5 in reference to PM emission, and SO2 NOx in reference to SO2 NOx emissions) within the 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. (case to case basis small plants: Manual; Large plants: Continuous)</p>	<p>Complied. NABL accredited laboratory report enclosed in Annexure-11.</p>
<p>iv. The project proponent shall submit monthly summary report of continuous stack emission and air quality monitoring and result of manual stack monitoring and manual monitoring of air quality / fugitive emissions to Regional Office of MoEF&CC, Zonal office of CPCB and Regional office of SPCB along with six-monthly monitoring report.</p>	<p>Complied.</p> <p>Ambient Air NABL accredited laboratory report enclosed in Annexure-11.</p>
<p>v. Appropriate Air Pollutions Control (APC) system shall be provided for all the dust generating points including fugitive dust from all vulnerable sources.</p>	<p>Fume extraction system with reverse air/pulse jet bag filters, ID fan, interlocking facilities are installed and stack of adequate height to submerged arc furnace are provided with continuous</p>

		maintenance and monitoring to measure and control emissions below 100mg/Nm ³ to meet emissions level of West Bengal Pollution Control Board (WBPCB).
vi.	The project proponent shall provide leakage detection and mechanized bags cleaning facilities for better maintenance of bags.	Complied. Site photographs are enclosed in Annexure-1.
vii.	Sufficient number of mobile or stationery vacuum cleaners shall be provided to clean plants roads, shops floors, roofs, regularly.	One Industrial Vacuum cleaner has been purchased. For cleaning and picking up of metal dust a magnetic sweeper is also purchased. Site photographs are enclosed in Annexure-1.
viii.	Recycle and reuse iron ore fines, coal and coke fines, lime fines and such other fines collected in the pollutions control device and vacuum cleaning devices in the process briquetting/ agglomeration.	One Industrial Vacuum cleaner has been purchased. Metal chunks are collected from production floor using magnetic sweeper and reused in the furnace. Site photographs are enclosed in Annexure-1.
ix.	The project proponent shall use leak proof trucks/ dumpers carrying coal and other raw materials and cover with tarpaulin.	Complied.
x.	The project proponent shall provide covered sheds for raw material like scrap and sponge iron, lump ore, coke, coal, etc.	Complied. Site photographs are enclosed in Annexure-1.
xi.	The project proponent shall provide primary and secondary fume extraction system at all melting furnaces.	Primary and secondary fume extraction system at all melting furnaces are provided. Site photographs are enclosed in Annexure-1.
xii.	Design the ventilation system for adequate air change as per ACGIH document for all tunnels, motor houses, Oil Cellars.	Complied.
III.	Water quality monitoring and preservation	
i.	The project proponent shall install 24x7 continuous effluent monitoring system with respect to standards prescribed in Environment (Protection) Rules 1986 vide G.S.R 277 (E)	Effluent Treatment Plant of adequate capacity for treatment of domestic waste water as well as 24x7 continuous effluent monitoring system is installed and

<p>dated 31st March 2012 (applicable to IF/EAF) as amended from time to time; S.O. 3305 (E) dated 7th December 2015 (Thermal Power Plants) as amended from time to time) and connected to SPCB and CPCB online servers and calibrate these system from time to time according to equipment supplier specification through labs recognized under Environment (Protection) Act, 1986 or NABL accredited laboratories. (case to case basis small plants: Manual; Large plants: Continuous)</p>	<p>operating successfully.</p> <p>Purchase Order is enclosed in Annexure-VII.</p> <p>Site photographs are enclosed in Annexure-1.</p> <p>Ambient water quality report from NABL accredited laboratory enclosed in Annexure-11.</p>
<p>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 or NABL accredited laboratories.</p>	<p>Complied.</p> <p>Ambient water quality report from NABL accredited laboratory enclosed in Annexure-11.</p>
<p>iii. The project proponent shall submit monthly summary report of continuous effluent monitoring and result of manual effluent testing and manual monitoring of ground water quality to Regional Office of MoEF&CC, Zonal office of CPCB and Regional office of SPCB along with six-monthly monitoring report.</p>	<p>Submission of monthly summary report of continuous effluent monitoring and result of manual effluent testing and manual monitoring of ground water quality will be complied after the grant of the permission obtained from the competent authority.</p>
<p>iv. Adhere to 'Zero Liquid Discharge'.</p>	<p>Complied.</p>
<p>v. Sewage Treatment Plant shall be provided for treatment of domestic wastewater to meet the prescribed standards.</p>	<p>Domestic waste water will be treated & disposed via soak pit.</p>
<p>vi. The project proponent shall provide the ETP for effluents of rolling mills to meet the standards prescribed in Environment (Protection) Rules 1986 vide G.S.R 277 (E) dated 31st March 2012 (applicable to IF/EAF) as amended from time to time.</p>	<p>Effluent Treatment Plant of adequate capacity for treatment of domestic waste water as well as 24x7 continuous effluent monitoring system is installed and operating successfully.</p> <p>Purchase Order is enclosed in Annexure-VII.</p> <p>Site photographs are enclosed in Annexure-1.</p> <p>Ambient water quality report from NABL accredited laboratory enclosed in Annexure-11.</p>

vii.	Garland drains and collection pits shall be provide for each stock pile to arrest the run-off in the event of heavy rain and to check the water pollution due to surface run off.	Proper network of drains has constructed to arrest the run-off water to the collection pits.
viii.	The project proponent shall practice rainwater harvesting to maximum possible extent.	A Rain Water Harvesting Tank with capacity of 1, 48,000 liters is constructed inside the plant premises. Other Rain Water Harvesting System is under progress. Site photographs are enclosed in Annexure-1.
ix.	The project proponent shall make efforts to minimize water consumption in the steel plant complex by segregation of used water, practicing cascade use and by recycling treated water.	Noted and will be complied.
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 officer of the Ministry as a part of six-monthly compliance report.	Ambient noise level reports from NABL accredited laboratory is enclosed in Annexure-11.
ii.	The ambient noise levels should conform to the standards prescribed under E(P)A Rules, 1986 viz. 75 dB(A) during day time and 70 dB(A) during night time.	Noted and will be complied. Ambient noise level reports from NABL accredited laboratory is enclosed in Annexure-11.
V. Energy Conservation measures		
i.	The project proponent shall provide waste heat recovery system (pre-heating of combustion air) at the flue gases of reheating furnaces.	Noted and will be complied.
ii.	Practice hot charging of slabs and billets/blooms as far as possible.	Noted and will be complied
iii.	Ensure installation of regenerative type burners on all reheating furnaces.	Noted and will be complied.
iv.	Provide solar power generation on the roof tops of buildings, for solar light system for all common areas, street light, parking around project and maintain the same regularly.	Installation of Solar Power Generation Panels completed on the roofs tops of buildings and sheds. Currently 1,330 KW of electricity is being generated from the same. P.O as Annexure-VI is enclosed for

		reference. Site photographs are enclosed in Annexure-1.
v.	Provide the project proponent for LED lights in their offices and residential areas.	Complied. Site photographs are enclosed in Annexure-1.
VI. Waste management		
i.	Used refractories shall be recycled as far as possible.	Noted and will be complied.
ii.	Oily scum and metallic sludge recovered from rolling mills ETP shall be mixed dried, and briquetted and reused melting Furnaces.	Noted and will be complied.
iii.	100% utilization of the fly ash shall be ensured. All fly ash shall be provided to cement and bricks manufactures for further utilization and Memorandum of Understanding in this regard shall be submitted to the Ministry's Regional Office.	Noted and will be complied.
iv.	The waste oil, grease and other hazardous waste shall be disposed of as per the Hazardous & Other waste (Management & Transboundary Movement) Rules, 2016.	Noted and will be complied.
v.	Kitchen waste shall be composted or converted to biogas for further use.(to be decided on case to case depending on type and size of plant).	Inadequate volume of kitchen waste is generated are composted and used as fertilizer. The waste is composted in a dry pit and use as organic fertilizer during plantation.
VII. Green Belt		
i.	Green belt shall be developed in an area equal to 33% of the plant area with a native tree species in accordance with CPCB guidelines. The greenbelt shall inter alia cover the entire periphery of the plant.	Around 798 saplings were purchased and planted during the last winter season Also 17 packets of seasonal vegetation seeds were planted during the last winter. Site photographs are enclosed in Annexure-1 . Saplings purchases Invoice are enclosed in Annexure-IV .
ii.	The project proponent shall prepare GHG emissions inventory for the plant and shall submit the programme for reduction of the same	Noted and will be complied.

	including carbon sequestration including plantation.	
VIII. Public Hearing and Human Health issues		
i.	Emergency preparedness plan based on the Hazard identification and Risk Assessment (HIRA) and Disaster Management Plan shall be implemented.	Noted and will be complied.
ii.	The project proponents shall carry out heat stress analysis for the workmen who work in high temperature work zone and provide Personal Protection Equipment (PPE) as per norms of Factory Act.	Heat Protection Equipments (PPE) is provided as per norms of Factory Act. Site photographs are enclosed in Annexure-1.
iii.	Provisions shall be 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.	The labourers during the construction phase were provided with all the basic amenities like accommodation, canteen and health & safety. Site photographs are enclosed in Annexure-1.
iv.	Occupational health surveillance of the workers shall be done on a regular basis and records maintained as per the Factories Act.	All the labourers engaged during construction works were properly screened for health and adequately treated before issue of work permits. Pest-control and sanitization are properly done in weekly basis and occupational health surveillance of the workers is done on half yearly basis and the records are maintained as per the Factories Act.
IX. Corporate Environment Responsibility		
i.	The project proponent shall comply with the provisions contained in this Ministry's OM vide F.No. 22-65/2017-IA.III dated 1 st May 2018, as applicable, regarding Corporate Environment Responsibility	Agreed. The year wise funds earmarked details for the corporate social responsibilities along with responsibility matrix are enclosed in Annexure-XII.
ii.	The company shall have a well laid environment policy duly approved by the Board of Directors. The environment policy should prescribe for the standards operating procedures to have proper checks and balance and to bring into focus any infringements/ deviation/ violation of the environmental/ forest/ wildlife	Approved environment policy duly signed by the Board of Directors enclosed in Annexure-XIII.

(Signature: Authorized Person)
For M/s Kejriwal Castings Limited

	<i>norms/conditions. The company shall have defined system of reporting infringements/ deviation/ violation of the environmental/ forest/ wildlife norms/conditions and/or shareholders/ stake holders. The copy of the board resolution in this regard shall be submitted to the MoEF&CC as a part of six-monthly report.</i>	
iii.	<i>A separate Environmental Cell both at the project and company head quarter level, with qualified personnel shall be set up under the control of senior Executive, who will direct report to the head of the organization.</i>	<i>Hierarchy level flow chart of the Environmental Cell for both at the project and company head quarter level mentioned is enclosed in Annexure-XIV.</i>
iv.	<i>Action plan for implementing EMP and environmental conditions along with responsibility matrix of the company shall be prepared and shall be duly approved by the competent authority. The year wise funds earmarked for the environmental protection measures shall be kept separate account and not to be diverted for any other purpose. Year wise progress of implementation of action plan shall be reported to the Ministry/Regional office along with Six Monthly Compliance Report.</i>	<i>Action plan copy duly approved by the competent authority of the company for implementing EMP and environmental conditions is enclosed in Annexure-XIII.</i> <i>The year wise funds earmarked details for the environmental responsibilities along with responsibility matrix are enclosed in Annexure-XII.</i>
v.	<i>Self Environment audit shall be conducted annually. Every three year third party environmental audit shall be carried out.</i>	<i>Noted and will be complied.</i>
vi.	<i>All the recommendations made in the Chapter on Corporate Responsibility for Environment Protection (CREP) for the plants shall be implemented.</i>	<i>Noted and will be complied.</i>
X. Miscellaneous		
i.	<i>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.</i>	<i>The advertisements to the local newspaper as well as state newspaper floated to inform the public that the project has been accorded environmental clearance by the SEIAA, West Bengal. Newspaper cutting enclosed in Annexure- X.</i> <i>Link of the website addresses displaying the EC Letter.</i> <i>https://www.kejriwalcastings.com</i>
ii.	<i>The copies of the environmental clearance shall be submitted by the project proponents to the</i>	<i>Submission letter of EC letter to Head of Locals bodies, Panchayats and Municipal</i>

<p>Head of Locals 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.</p>	<p>Bodies in addition to the relevant offices of the Government is enclosed in Annexure-XI</p>
<p>iii. 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.</p>	<p>Status the status of compliance of the stipulated environment clearance conditions, including results of monitored data will be displayed of the current website — — — — — https://www.kejriwalcastings.com</p>
<p>iv. The project proponent shall monitor the criteria pollutants level namely; PM10, SO2, NOx (ambient levels as well as stack emissions) or critical sectoral parameters, indicated for the projects and display the same at a convenient location for disclosure to the public and put on the website of the company.</p>	<p>Noted and will be complied.</p>
<p>v. 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.</p>	<p>Complied.</p>
<p>vi. The project proponent shall submit the environment statement for each financial year in Form-V to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently and put on the website of the company.</p>	<p>Complied.</p>
<p>vii. The project proponent shall inform the Regional Office as well as the Ministry, the date of financial closure and final approval of the project by the concerned authorities, commencing the land development work and start of production operation by the project.</p> <p>i. The project authorities must strictly adhere to the stipulations made by the State Pollution Control Board and the State Government.</p> <p>ii. The project proponent shall abide by all the commitments and recommendations made in the EIA/EMP report, commitments made during Public Hearing and also that during their presentation to</p>	<p>The date of financial closure and final approval of the project will be informed to the concerned authorities after the closing of the construction phase.</p> <p>The date of commencing of the land development work/project implementation was informed to WBPCB in terms to obtaining Consent-to-Establishment and the SEIAA as submission of compliance report dated 1st April, 2020 to 30th September, 2020.</p> <p>i. The project authorities will strictly adhere to the stipulations made by the</p>



the Expert Appraisal Committee.	State Pollution Control Board and the State Government. ii. The project proponent will abide by all the commitments and recommendations made in the EIA/EMP report, commitments made during Public Hearing and also that during their presentation to the Expert Appraisal Committee. Undertaking enclosed in Annexure-XV .
viii. No further expansion or modifications in the plant shall be carried out without prior approval of the Ministry of Environment, Forest and Climate Change (MoEF&CC).	Noted.
ix. Concealing factual data or submission of false/fabricated data may result in revocation of this environmental clearance and attract action under the provisions of Environment (Protection) Act, 1986.	Noted and Agreed.
x. The Ministry / may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.	Noted and Agreed.
xi. The Ministry reserves the right to stipulate additional conditions if found necessary. The Company in a time bound manner shall implement these conditions.	Noted and will be complied.
xii. The Regional office of this Ministry shall monitor compliance of the stipulated conditions. The project authorities should extend full cooperation to the officer (s) of the Regional Office by furnishing the requisite data/ information/ monitoring reports.	Noted and will be complied.
xiii. The above conditions shall be enforced, inter-alia of 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	Noted and Agreed.

relating to the subject matter.	
xiv. Any appeal against this EC shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.	Noted and Agreed.
B. Additional Conditions:-	Remarks
i. The gaseous emissions from various process units should conform to the load / mass based standards prescribed by the Ministry of Environment & Forests and the State Pollution Control Board from time to time. At no time the emission level should go beyond the prescribed standards.	The gaseous emissions from various process units are conform to the load / mass based standards prescribed by the Ministry of Environment & Forests and the SPCB from time to time. The monitoring system has been installed to continuously monitor & control the emission level as per prescribed standards. The same is also linked to CPCB servers.
ii. Induction furnaces should be provided with fume extraction and dedicated pollution control systems consisting of Swiveling Hood, Spark Arrestor, Bag Filter, ID Fan etc. and stack of minimum height 30m from G.L. as proposed. Secondary fume extraction system with adequate side suction should be provided to prevent fugitive emission during charging. Suction should be adequate to control fugitive emission. Stack Emission (PM) from induction furnace should not exceed 50 mg/Nm ³ . Stack emission should be monitored at regular intervals and records should be maintained.	Installations of Swiveling Hood, Spark Arrestor, Bag Filter, ID Fan etc. are complied as per the proposal. Proper measures are adapted to lay down secondary fume extraction system. Secondary fume extraction system with adequate side suction is provided to prevent fugitive emission during charging. Stack emission monitoring records will be maintained on regular intervals. Photograph of Swiveling Hood, Spark Arrestor, Bag Filter, ID Fan etc. with locations mention in Annexure- II for reference.
iii. Dust collection from Bag filter should be done through pneumatic control system. Collected dust is to be recycled back process or sold for land filling subject to the condition that it does not fall under the Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016.	Pneumatic Control System will be followed collected dust from bag filters is collected and recharged in the furnace.
iv. The National Ambient Air Quality Emission Standards issued by the Ministry vide G.S.R. No. 826(E) dated 16 th November, 2009 shall be complied with.	Noted and will comply as well.
v. Regular monitoring of the air quality shall be carried out in and around the plant records and shall be done to control the fugitive emissions.	Regular Air quality monitoring practice adapted of all vulnerable sources of fugitive emissions. The Ambient Air monitoring test report is enclosed in Annexure-11 .

vi. Adequate measures to be adopted for control of fugitive emission. Regular water sprinkling should be done to control fugitive emissions.	Sprinkling of water, twice in a day is in regular practice to control all vulnerable sources of fugitive emissions. The Ambient Air monitoring test report is enclosed in Annexure-11 .
vii. Groundwater should be abstracted as per the permission obtained from the competent authority as per the West Bengal Ground Water Resources (Management, Control and Regulation) Act, 2005. Appropriate flow measuring device to be installed for monitoring volume of abstracted ground water and logbook to be maintained regularly.	The abstraction of Groundwater will be as per the permission obtained from the competent authority as per the West Bengal Ground Water Resources (Management, Control and Regulation) Act, 2005. Applications of Ground Water extraction from State Water Investigation Department (SWID) are attached. Annexure- IV. Logbook of monitoring the volume of abstracted ground water will be maintained during the process.
vii. Sponge iron and Pig iron should be used as major raw material in the Induction Furnace (at least 80% of the total input). Use of galvanized iron scrap as raw material is not permitted.	As we are engaged in the manufacture of Ductile Iron Pipes, pig iron is majorly used as raw material.
viii. Covered storage yard for raw material to be provided. Loading and unloading operations should not be carried out in open areas.	Complied. Site photographs are enclosed in Annexure-1 .
ix. Rain Water Harvesting as proposed should be done in order to reduce abstraction of the ground water. Recharging of ground water is not permitted.	A Rain Water Harvesting Tank with capacity of 1, 48,000 liters is constructed inside the plant premises. Other Rain Water Harvesting System is under progress. Site photographs are enclosed in Annexure-I .
x. Cooling water should be recycled.	Complied.
xi. Solid wastes are generated in the form of scrap and slag. Scrap should be recycled in the proposed plant as proposed. Slag may be used for road construction and land filling; however, indiscriminate dumping is not permitted under any circumstances.	The generated solid waste is utilized for low land filling purpose and road making inside the factory premises. No toxic metal content in the waste material and its composition. Site photographs are enclosed in Annexure-1 .
xii. Ambient noise level should not exceed the permissible	Noise control measures including

<p>limit. The overall noise level in and around the plant area shall be kept well within the standards by providing noise control measures including acoustic hoods, silencers, enclosures etc. on all sources of noise generation. The ambient noise level should conform to the standards prescribed under EPA Rules, 1989 viz. 75 dB(A) Leq (daytime) and 70 dB(A) Leq (nighttime) and its subsequent amendments.</p>	<p>acoustic hoods, silencers, enclosures etc. on all sources of noise generation are implemented to conform the standards prescribed under Environment (Protection) Act, 1986 Rules, 1989 viz. 75 dBA (day time) and 70 dBA (night time).</p> <p>Ambient noise level reports are enclosed in Annexure-11.</p>
<p>xiv. Green belt shall be developed within and around the plant as per proposal submitted. At least 33% of the land area should be covered by plantation. At least 2085 nos. of trees to be planted. Indicative list of species is given at Annexure-1. There should not be any removal/destruction of vegetative cover both at the establishment as well as the operational stage, without the sanction of appropriate authority.</p>	<p>Around 798 saplings were purchased and planted. Also 17 packets of seasonal vegetation seeds were planted during the last winter. Site photographs are enclosed in Annexure-1.</p> <p>Saplings purchases Invoice are enclosed in Annexure-IV.</p>
<p>xv. All internal roads should be concreted /pitched. Proper lighting and proper pathway inside the factory premises should be constructed to ensure safe vehicular movement. Provision of separate pathway for entry and exit of vehicles should be considered. Vehicles should conform to pollution under control (PUC) norms. Proper housekeeping shall be maintained within the premises. Solar lighting should be used as far as practicable.</p>	<p>The constructions of internal is on going The lighting and proper pathway inside the factory premises are on construction phase. Separate pathways for entry and exit of vehicles are considered.</p> <p>PUC certificate of vehicles are enclosed in Annexure-VI. Housekeeping staff are recruited for maintain the premises.</p> <p>1330KW solar pannels have been installed & Completion Certificate has been attached as Annexure VII</p>
<p>xvi. Health and safety of workers should be ensured. Workers should be provided with adequate personnel protective equipment and sanitation facilities. Occupational Health Surveillance of the workers shall be done on a regular basis and records maintained as per the Factories Act.</p>	<p>A first aid chamber along with a paramedical team and an Ambulance are hired for the Health and Safety of the workers. Workers are provided with adequate personnel protective equipment and sanitation facilities. Occupational Health Surveillance of the workers is done on a regular basis and records are maintained.</p> <p>Site photographs are enclosed in Annexure-1.</p>

xvii. Adequate measures to be adopted to ensure industrial safety. Proper fire detection & protection systems to be provided to control fire and explosion hazards.	Adequate measures are adopted to ensure industrial safety like Fire extinguisher cylinders, Fire Extinguisher Ball, etc. Fire detection & protection systems to control fire and explosion hazards are under construction phase. Site photographs are enclosed in Annexure-1.
xviii. The implementation and monitoring of Environmental Management Plan should be carried out, as proposed.	Complied.
xix. Corporate Environment Responsibility (CER) Program to be formulated based on the results of socio economic survey on relevant parameters and need assessment of local people as per MoEF&CC OM No. F.No.22-65/2017-IA.111 dated: 1st May, 2018, and O.M No. F. No. 22-23/2018-IA (Pt) dated 31.10.2019.	Complied.
xx. Implementation of such programme shall be ensured accordingly in a time bound manner.	Noted and will be complied.
C. General Conditions.	
1. The environmental clearance accorded shall be valid of 7 year the proposed expansion project.	Noted.
2. During construction phase, air pollution and solid waste management aspects need to be properly addressed ensuring compliance of the Construction and Demolition Waste Management Rules, 2016.	Noted and complied.
3. Prior Consent-to-Establish (NOC) for the proposed expansion project must be obtained from WBPCB before commencement of construction. All other statutory clearances should be obtained by project proponent from the competent authorities.	Consent-to-Establish Letter Memo No. - 145-2N-40/2018(E) dated 10.06.2020 is obtained from WBPCB before commencement of construction. Consent-to-Operate Letter No.- C0128983, Memo No.- 124-7/WBPD-Cont(2604)/05 dated 01.02.2022 is obtained from WBPCB before commencement of operation. Copies enclosed in Annexure- VIII.
4. The project proponent shall comply with all the environmental measures and safeguards recommended. Further, the unit must undertake socio-economic activities in the surrounding villages like community development	The project proponent complying with all the environmental measures and safeguards recommended. The socio-economic activities in the surrounding

<p>programs, educational programs, drinking water supply and health care etc.</p>	<p>villages like community development programs, educational programs, drinking water supply and health care etc. will be done after the construction phase.</p>
<p>5. All the conditions, liabilities and legal provisions contained in the EC shall be equally applicable to the successor management of the project in the event of the project proponent transferring the ownership, maintenance of management of the project to any other entity.</p>	<p>Noted.</p>
<p>6. Provision should be made for the supply of kerosene or cooking gas to the labourers during construction phase. All the labourers to be engaged for construction works should be screened for health and adequately treated before issue of work permits. Environmental sanitation should be ensured for the workers.</p>	<p>The labourers during the construction phase were provided with all the basic amenities like accommodation, canteen and health & safety. All the labourers engaged during construction works were properly screened for health and adequately treated before issue of work permits. Pest-control and sanitization are properly done in weekly basis and occupational health surveillance of the workers is done on half yearly basis and the records are maintained as per the Factories Act.</p> <p>Site photographs are enclosed in Annexure-1.</p>
<p>7. The project proponent should make financial provision in the total budget of the project for implementation of the environmental safeguards. The project authorities will provide requisite funds both recurring and non-recurring to implement the conditions stipulated by the SEIAA, West Bengal along with the implementation schedule for all the conditions stipulated herein. The funds so provided should not be diverted for any other purpose.</p>	<p>Effluent Treatment Plant (ETP) is installed and the recycled effluent is reused inside the plant premises.</p> <p>The 24x7 online emission monitoring has been installed for regular monitoring of gaseous emission from stacks so that the same can be kept under control.</p> <p>Rain Water Harvest System with the capacity of 1, 48,000 liters is installed.</p> <p>Solar Power System is installed which generates 1330 KW of electricity.</p> <p>E-vehicles for the movement of materials procured inside the premises of the plant.</p> <p>Total budget of the project for implementation of the environmental safeguards is enclosed in Annexure-IX.</p>

8. No further expansion or modifications in the plant should be carried out without prior approval of the State Environmental Impact Assessment Authority, West Bengal. In the case of any change(s) in the scope of the project, the project would require a fresh appraisal by the SEIAA, West Bengal.	Noted.
9. The West Bengal Pollution Control Board as well as the Regional Office of MoEF&CC, Bhubaneswar who would be monitoring the implementation of environmental safeguards, should be given full cooperation, facilities and documents / data by the project proponents during their inspection, A six monthly compliance report and the monitored data along with statistical interpretation shall be submitted to the WBPCB regularly. A complete set of all the documents should also be forwarded to the State Environmental Impact Assessment Authority, West Bengal.	Noted and complied.
10. The State Environmental Impact Assessment Authority, West Bengal reserves the right to add additional safeguard measures subsequently, if found necessary, and to take action including revoking of the environment clearance under the provisions of the Environmental (Protection) Act. 1986, to ensure effective implementation of the suggested safeguard measures in a time-bound and satisfactory manner.	Noted and agreed.
<p>11. The Project Proponent should inform the public that the project has been accorded environmental clearance by the SEIAA, West Bengal and copies of the clearance letter are available with the West Bengal Pollution Control Board and may also be seen at Website of the SEIAA, West Bengal (http://environmentwb.gov.in).</p> <p>This should be advertised within seven days from the date of issuance of the clearance letter, at least in two local newspapers that are widely circulated in the region of which one shall be in the vernacular language of the locality concerned.</p>	<p>The advertisements to the local newspaper as well as state newspaper floated to inform the public that the project has been accorded environmental clearance by the SEIAA, West Bengal. Newspaper cutting enclosed in Annexure-X.</p> <p>Submission letter of EC letter to Head of Locals bodies, Panchayats and Municipal Bodies in additional to the relevant offices of the Government is enclosed in Annexure-XI.</p>

<p>12. The Project Authorities should inform the State Pollution Control Board as well as SEIAA, West Bengal, the date of financial closure and final approval of the project by the concerned authorities and the date of commencing the land development work/project implementation.</p>	<p>The date of financial closure and final approval of the project will be informed to the concerned authorities after the closing of the construction phase.</p> <p>The date of commencing of the land development work/project implementation was informed to WBPCB in terms to obtaining Consent-to-Establishment and the SEIAA as submission of compliance report dated 1st April, 2020 to 30th September, 2020.</p>
<p>13. The above stipulations would be enforced along Water (Prevention and Control of Pollution) Act, 1974, The Air (Prevention and Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, the Hazardous and Other Waste (Management and Transboundary Movement) Rules, 2016, Solid Waste Management Rules, 2016, the Public Liability Insurance Act, 1991, the Environment Impact Assessment Notification 2006 and their Amendments.</p>	<p>Noted.</p>
<p>D. Additional Conditions as per O.M. of MoEF&CC vide F. No. 22-23/2018-Ia.III (Pt) dated 31.10.2019 and F. No. 22-23/2018-Ia.III dated 31.12.2019.</p>	
<p>i. The industry shall meet stack emission standards of 45mg/Nm³ instead of 50 mg/Nm³ as mentioned in additional conditions B (ii).</p>	<p>Complied.</p> <p>NABL accredited laboratory report enclosed in Annexure-11.</p>
<p>ii. Water sprinklers at strategic locations to be installed for controlling fugitive emission from different sources.</p>	<p>Sprinkling of water at unloading and raw material handing areas, storage yards, at roads inside factory premises to prevent the dust emanation due to vehicular movements are done twice in a day is in regular practice to control all vulnerable sources of fugitive emissions.</p> <p>Site photographs are enclosed in Annexure-1.</p>
<p>iii. The industry shall take up additional plantation of 500 trees in area adjacent to the project area in consultation with concerned D.F.O. This will be in addition to 2085 trees as given in Annexure-1</p>	<p>Plantation done around the boundary wall of the factory location to prevent dust emissions.</p> <p>Site photographs are enclosed in Annexure-1.</p>

<p>iv. STP of adequate capacity for domestic waste water to be installed as proposed.</p>	<p>Effluent Treatment Plant of adequate capacity for treatment of domestic waste water as well as 24x7 continuous effluent monitoring system is installed and operating successfully.</p> <p>Purchase Order is enclosed in Annexure-VII.</p> <p>Site photographs are enclosed in Annexure-1.</p> <p>Ambient water quality report from NABL accredited laboratory enclosed in Annexure-11</p>
<p>v. Slag to be used for land filling and road construction.</p>	<p>The generated slag or solid waste is utilized for low land filling purpose and road making inside the factory premises. No toxic metal content in the waste material and its composition.</p> <p>Site photographs are enclosed in Annexure-1.</p>
<p>vi. Monitoring of Compliance of EC conditions shall be submitted with third party audit every year.</p>	<p>Noted and will be complied.</p>
<p>vii. The minimum amount of CER shall be 1.5 x Rs. 79.8096 lakhs = Rs. 119.72 lakhs.</p>	<p>Agreed.</p> <p>The year wise funds earmarked details for the Corporate Social Responsibilities and Corporate Environment Responsibilities along with responsibility matrix are enclosed in Annexure-XII.</p>

ANNEXURE - I

Real time Monitoring



Annealing Furnace and Magnesium Converter Chimney and bag filter.



09 09 2020 13 23

Induction Furnace Chimney and Bag filter.



Zinc Spray painting Cyclone with Bag filter and Chimney.



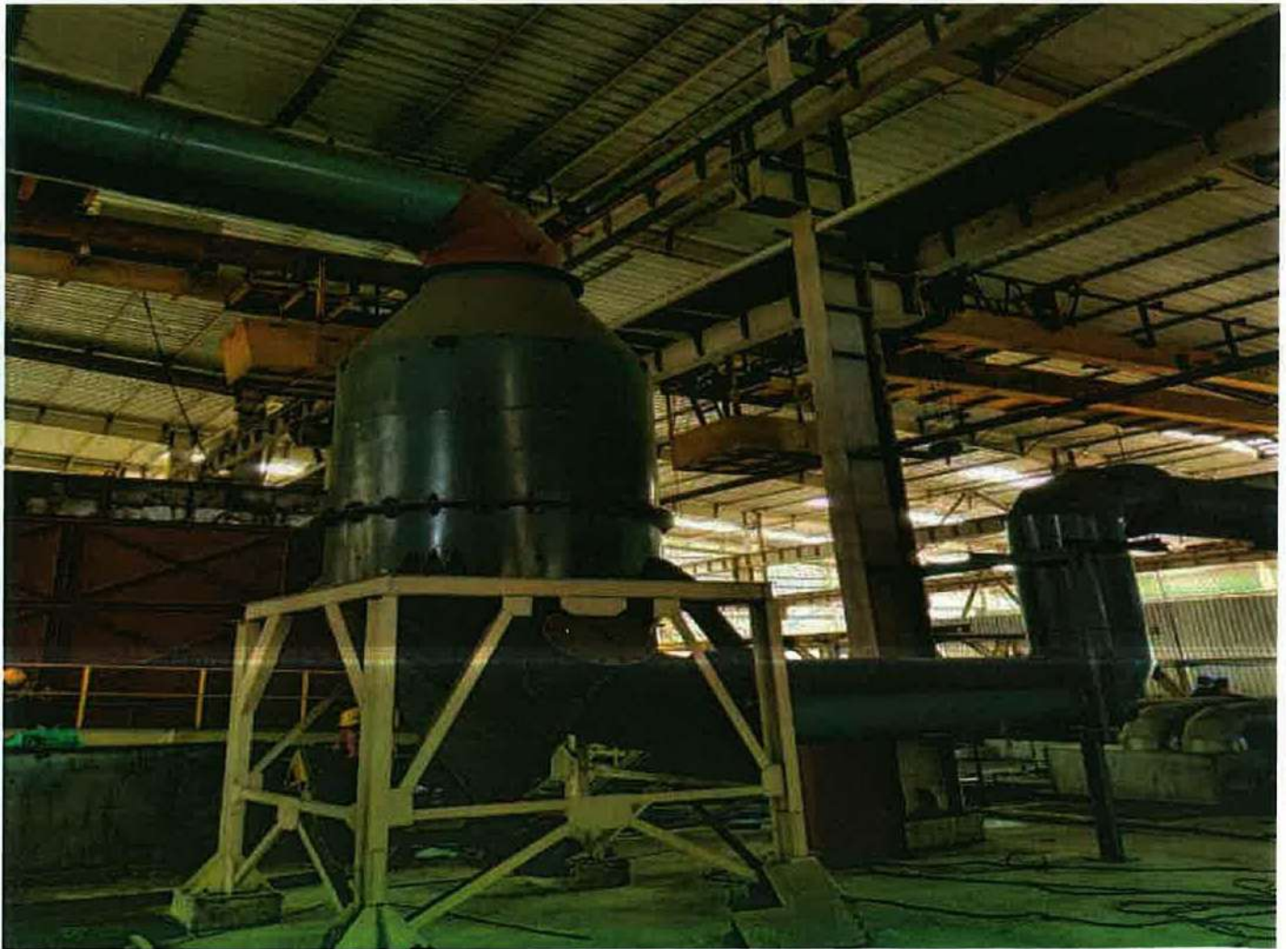
Roof ventilation House.for Pump



Induction furnace pollution suction hood.



Magnesium Converter Spark arrestor.



Cover Shed for raw materials.



Vegetation within the factory premises.





Doctors Room:





Accommodations for workers:



Canteen & Kitchen:



Entry Gate, Exit Gate and Sanitation stations:



Washrooms and Toilet for workers:



Worship place for Workers:



Administration Office and Reception:



Magnetic Sweeper:-



Solar Inverters:-



Factory sheds with LED lights:



Industrial Vacuum Cleaner:-



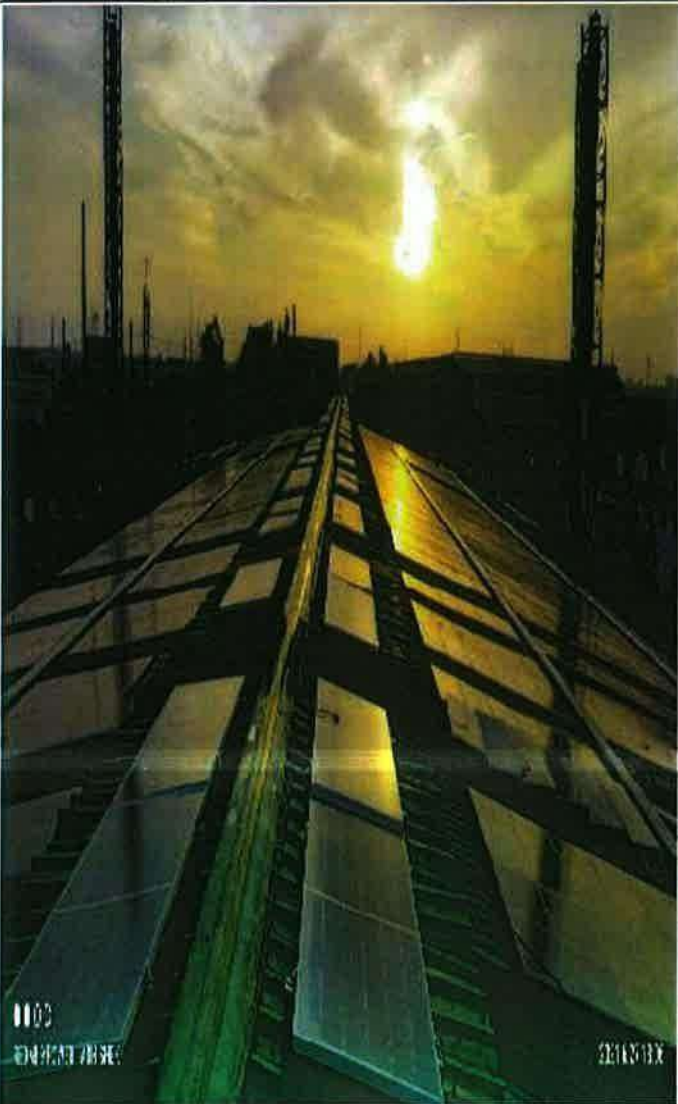
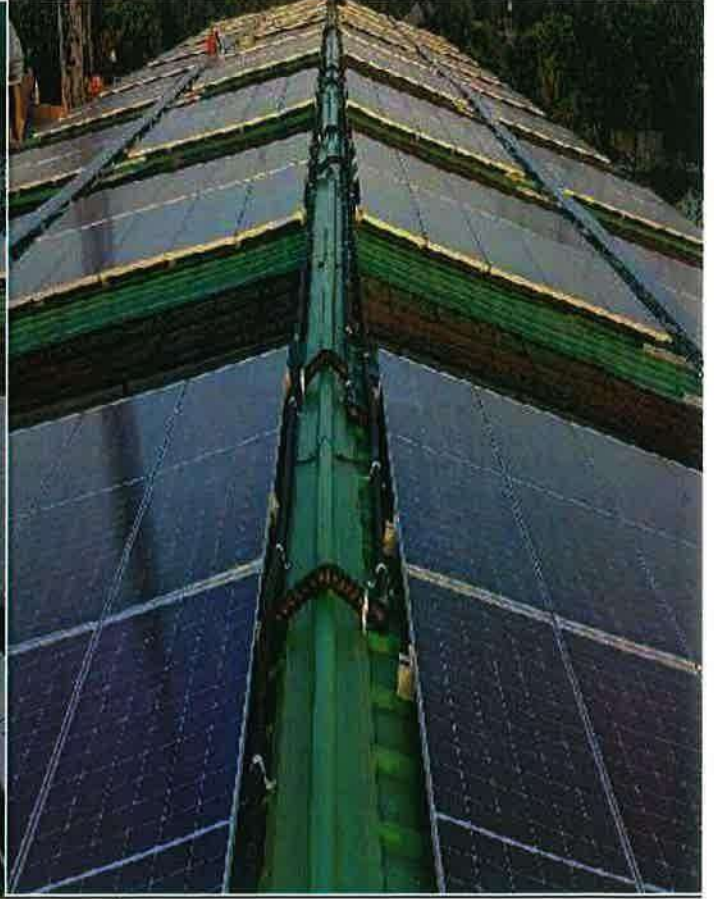
Internal Road Construction:-



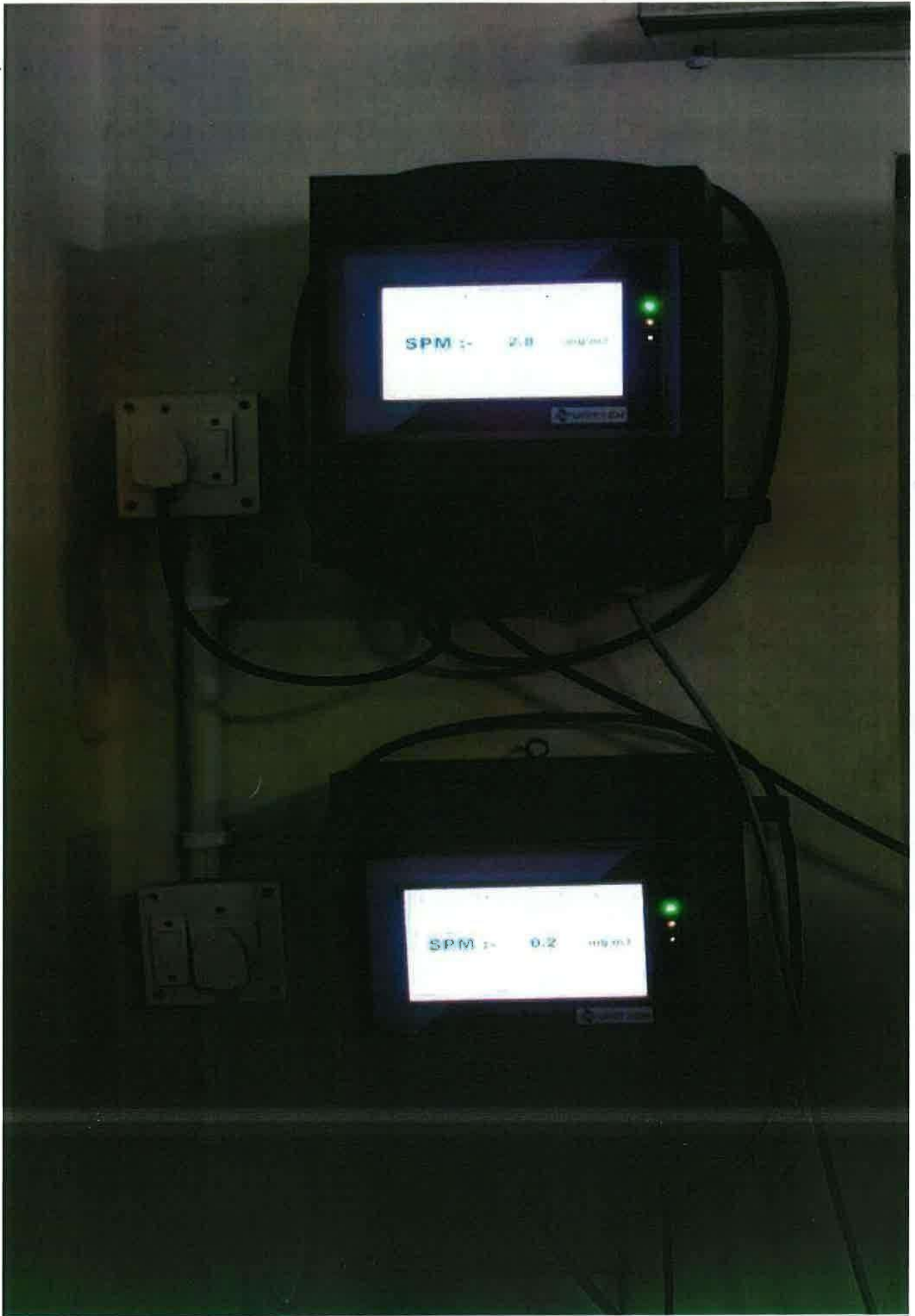
Sewerage Treatment Facility:-



Solar Panel Installation:-



24x7 Online Monitoring System :-



Electric Loader Van



Rain Water Harvesting Tank:-



ANNEXURE - II



BHARAT FOUNDATION

(Recognised by WEST BENGAL POLLUTION CONTROL BOARD)

25/11A, K. P. Roy Lane, Kolkata - 700 031

E-mail : bharatfoundation@gmail.com



TC-5850

Format No.BF/FM/38

Test Report

Analysis Report of Exhaust Gases

Report No.: AP/22/194A

Date of Reporting: 26.12.2022

Name and Address of the Industry:	M/s. Kejriwal Castings Ltd. Bamunara , Gopalpur Road, Durgapur, Pin : 713212,W.B.
Date of Sampling: 22.12.2022	Sample Received at Laboratory: 22.12.2022
Date of Start of Analysis : 22.12.2022	Date of Completion of Analysis: 24.12.2022
Sampling done by:	Mr. R. N. Bhattacharyya

A. General Information about Stack:	
1. Stack connected to:	Magnesium Converter
2. Emission due to:	Process Activity.
3. Material of construction of Stack	M. S.
4. Shape of Stack:	Circular
5. Whether stack is provided with permanent platform/ladder:	Yes

B. Physical Characteristic of Stack:	
1. Height of the Stack from – I) Ground Level:	30.0 M
II) Roof Level:	----
2. Diameter of the Stack at bottom:	----
3. Diameter of the Stack at Sampling Point:	0.97 M
4. Height of the sampling point from ground Level	12.19 M

C. Analysis/Characteristic of Fuel:	
1. Fuel Used:	Process Activity
2. Fuel Consumption:	Not Applicable.

D. General Conditions of Gaseous Emission:	
1. Temperature of Emission (Deg. C):	45
2. Barometric Pressure (mm of Hg):	756
3. Velocity of gas in Stack (M/Sec):	6.97
4. Quantity of gas flow (NM ³ /hr):	16918.64

E. Results of Sampling and Analysis of Gaseous Emission:			
Parameters Analyzed	Specification/Standard Method	Permissible Limits*	Results
1. Concentration of Sulphur Dioxide (mg/NM ³):	IS : 11255(Pt-2)1999: Part 2	-	Not Analysed
2. Concentration of Carbon Monoxide (% v/v):	IS : 13270-1992	< 1.0	< 0.2 by Orsat
3. Concentration of Carbon Dioxide (% v/v):	IS : 13270-1992	-	<0.2 by Orsat
4. Concentration of Particulate Matter (mg/NM ³):	IS : 11255(Pt-1)1999: Part 1	50	38.2

F. Pollution Control Device	
Details of Pollution Control Device attached with the stack:	Bag Filter

G. Technical Details	None.
-----------------------------	-------

* Permissible Limits as per W.B.P.C.B.

Page 01 of 01

-----End of the Report-----

For Bharat Foundation

A. Neogi

A. Neogi

C. E. O. & Technical Manager



BHARAT FOUNDATION

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25/11A, K. P. Roy Lane, Kolkata - 700 031

E-mail : bharatfoundation@gmail.com

Format No.BF/FM/38

Test Report



TC-5850

Analysis Report of Ambient Air Quality

Report No.: AP/22/194B

Date of Reporting: 26.12.2022

Name and Address of the Industry:	M/s. Kejriwal Castings Ltd. Bamunara , Gopalpur Road, Durgapur, Pin : 713212, W.B.
Date of Sampling: 22.12.2022	Sample Received at Laboratory: 22.12.2022
Date of Start of Analysis : 22.12.2022	Date of Completion of Analysis: 24.12.2022
Sampling done by:	Mr. R. N. Bhattacharyya

General and Meteorological Conditions at Sampling Location:

1. Location :	Near Main Gate.
2. Meteorological Conditions :	Sunny & Clear
3. Average Temperature (Deg C) :	24
4. Relative Humidity (%) :	57
5. Barometric Pressure (mm of Hg) :	756
6. Smell / Odour :	Tolerable

Results of Sampling and Analysis of Ambient Air Quality:

Sl. No.	Parameters Analysed	Specification/Standard Method	Permissible Limits*	Results
1.	PM ₁₀ (µg/m ³):	IS-5182(Pt-23)2006 : R.A.2017	100	89.4
2.	Sulphur Dioxide (µg/m ³):	IS-5182(Pt-2) 2001: R.A.:2017	80	6.7
3.	Nitrogen Dioxide (µg/m ³):	IS-5182 2006: Part 6, R.A.2017	80	31.5

* Limits as per National Ambient Air Quality Standards

Page 01 of 01

-----End of the Report-----

Authorised Signatory

For Bharat Foundation

A. Neogi

A. Neogi

C. E. O. & Technical Manager



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25/11A, K. P. Roy Lane, Kolkata - 700 031

E-mail : bharatfoundation@gmail.com

Format No.BF/FM/38

Test Report



TC-5850

Analysis Report of Work Zone Air Quality

Report No.: AP/22/194C

Date of Reporting: 26.12.2022

Name and Address of the Industry:	M/s. Kejriwal Castings Ltd. Bamunara , Gopalpur Road, Durgapur, Pin : 713212, W.B.
Date of Sampling: 22.12.2022	Sample Received at Laboratory: 22.12.2022
Date of Start of Analysis : 22.12.2022	Date of Completion of Analysis: 24.12.2022
Sampling done by:	Mr. R. N. Bhattacharyya

General and Meteorological Conditions at Sampling Location:	
1. Location :	Inside Finishing Line
2. Meteorological Conditions :	Sunny & Clear
3. Average Temperature (Deg C) :	25
4. Relative Humidity (%) :	56
5. Barometric Pressure (mm of Hg) :	756
6. Smell / Odour :	Tolerable.

Results of Sampling and Analysis of Work Zone Air Quality:				
Sl. No.	Parameters Analysed	Specification/Standard Method	Permissible Limits*	138.6
1.	PM ₁₀ (µg/m ³):	IS-5182(Pt-23)2006 : R.A.2017	---	118.2
2.	Sulphur Dioxide (µg/m ³):	IS-5182(Pt-2) 2001: Part 2	---	7.2
3.	Nitrogen Dioxide (µg/m ³):	IS-5182 2006: Part 6	---	41.5

*Permissible Limits for Dust (Respirable fraction, PM10): 5000.0 µg/m³

(OSHA, Part No. 1910; Standard No. 1910.1000 Table Z-3).

Permissible Limits for Sulphur Di-Oxide: 13,000.0 µg/m³

(OSHA, Part No. 1910; Standard No. 1910.1000 Table Z-1).

Permissible Limits for Nitrogen Di-Oxide: 9,000.0 µg/m³

(OSHA, Part No. 1910; Standard No. 1910.1000 Table Z-1)

Page 01 of 01

.....End of the Report.....

Authorised Signatory

For Bharat Foundation

A. Neogi

A. Neogi

C. E. O. & Technical Manager



BHARAT FOUNDATION

(Recognised by WEST BENGAL POLLUTION CONTROL BOARD)

25/11A, K. P. Roy Lane, Kolkata - 700 031

E-mail : bharatfoundation@gmail.com

Test Report



TC-5850

Format No.: BF/FM/40

Report No. EW/22/284

Date of Reporting: 26.12.2022

Name of the Company & Address:	M/s. Kejriwal Castings Ltd. Bamunara , Gopalpur Road, Durgapur, Pin : 713212,W.B.
Description of the Sample: Effluent Water	Reference of Sampling Plan: Grab
Sampling Procedure: APHA 23 rd Edition, 1060 B (a)	
Location / Source of Sample / Sample Marked As E.T.P . Outlet.	
Sample Collected & Submitted by: Our Representative (Mr. R. N. Bhattacharyya).	
Date of Sampling: 22.12.2022	Date of Receipt of Sample at Laboratory: 22.12.2022
Date of Start of Analysis : 22.12.2022	Date of Completion of Analysis: 26.12.2022

Test / Analysis Result

Sl. No.	Parameters	Test Method	Maximum Permissible Limits As Per WBPCB Norms.	Results
01.	pH(at 25 ^o C)	APHA 23 rd Edition, 4500 H ⁺ B	5.5 – 9.0	6.85
02	Chemical Oxygen Demand (mg/l)	APHA 23 rd Edition, 5220-B	250	46.9
03.	Biological Oxygen Demand 3 days in 27 ^o C (mg/l)	IS:3025 (Pt.44) 2003, R.A.2014	30	18
04.	Total Suspended Solids (mg/l)	APHA 23 rd Edition, 2540-D	100	10.8
05.	Oil & Grease (mg/l)	APHA 23 rd Edition, 5520-B	10	< 2.0

-----: END OF THE REPORT:-----

Page 01 of 01

Authorized Signatory

For Bharat Foundation

A. Neogi

A. Neogi

C. E. O. & Technical Manager



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25/11A, K. P. Roy Lane, Kolkata - 700 031

E-mail : bharatfoundation@gmail.com



TC-5850

Format No.: BF/FM/40A

Test Report

Report No.: W/22/302

Date of Reporting: 26.12.2022

Name of the Company & Address: M/s. Kejriwal Castings Ltd. Bamunara , Gopalpur Road, Durgapur, Pin : 713212, W. B.	
Description of the Sample :	Drinking Water.
Reference of sampling plan: Grab	Sampling Procedure: APHA 23 rd Edition, 1060 B (a)
Location/Source of Sampling/Sample Mark: Tap Connected to R.O. At Lab Building.	
Sample Collected/Submitted By: Our Representative (Mr. R. N. Bhattacharyya).	
Date of Sampling: 22.12.2022	Date of Receipt of Sample At Laboratory: 22.12.2022
Date of Start of Analysis: 22.12.2022	Date of Completion of Analysis: 26.12.2022

TEST / ANALYSIS RESULT

Sl. No.	Characteristics	Specification, Standard Methods	*Required (Desirable Limits)	* Permissible Limits in the Absence of Alternate Source	Results
1	pH Value (at 25°C)	APHA 22 ND Edition, 4500-H ⁺ B	6.5 to 8.5	No Relaxation	7.06
2	Colour, Hazen Units, Max.	APHA 22 ND Edition, 2120 B.	5	15	< 5
3	Turbidity, NTU, Max.	APHA 22 ND Edition, 2130 B.	1	5	< 1
4	Residual Chlorine, mg/l, Min	IS:3025(P.26) 1986	0.2	1	< 0.1
5	Total Dissolved Solids mg/l, Max	APHA 22 ND Edition, 2540 C	500	2000	132.0
6	Total Alkalinity (as CaCO ₃) mg/l, Max	IS:3025(Part-23)-1986	200	600	59.8
7	Total Hardness (as CaCO ₃), mg/l, Max.	APHA 22 ND Edition, 2340 C	200	600	53.1
8	Calcium (as Ca)mg/l, Max	APHA 22 ND Edition, 3500 Ca B	75	200	13.9
9	Magnesium (as Mg) mg/l, Max	APHA 22 ND Edition, 3500-Mg-B	30	100	4.5
10	Chloride (as Cl), mg/l, Max.	APHA 22 ND Edition, 4500 Cl ⁻ B	250	1000	12.4
11	Total Iron (as Fe), mg/l, Max.	APHA 22 ND Edition, 3500 Fe B	0.3	No Relaxation	0.08
12	Fluoride (as F), mg/l, Max.	APHA 22 ND Edition, 4500 F ⁻ D	1.0	1.5	<0.5
13	Sulphate (as SO ₄) mg/l, Max	APHA 22 ND Edition, 4500-SO ₄ ⁻² E	200	400	<5.0
14	Nitrate (as NO ₃) mg/l, Max	APHA 22 ND Edition, 4500 NO ₃ ⁻ E	45	No Relaxation	<0.5
15	Arsenic (as As) mg/l, Max	APHA 22 ND Edition, 3500 As-B	0.01	0.05	<0.01
16	(**)Total Coliform Count, MPN/100ml	IS: 1622-1981	Absent	Absent	Absent

- IS 10500 :2012, RA:2018: Norms for drinking water.
- (**): Not under NABL Scope.
- Remarks: The above parameters is conforming the specification IS: 10500 for human consumption.

-----End of the Report-----

Page 01 of 01

For Bharat Foundation Signature

A. Neogi

A. Neogi

C. E. O. & Technical Manager



BHARAT FOUNDATION

(Recognised by WEST BENGAL POLLUTION CONTROL BOARD)

25/11A, K. P. Roy Lane, Kolkata - 700 031

E-mail : bharatfoundation@gmail.com

Test Report



TC-5850

Report No.: **G/22/N/119**

Report of Testing: **Noise Level Monitoring.**

Name of the Company & Address: **M/s. Kejriwal Castings Ltd.**
Bamunara , Gopalpur Road, Durgapur,
Pin : 713212,W.B.

Date of Sampling: **22.12.2022**

Date of Reporting: **26.12.2022**

Sampling done By : **Our Representative (Mr. R. N. Bhattacharyya)**

Results of Noise Level Monitoring

Sl. No.	Location	Distance from the Source (M)	Results dB(A)
01.	Near Security Room Area	2.0 M	80
02.	Finishing Line Area	2.0 M	84
03.	Zn Coating Chimney Area	---	83
04.	Yard Area	----	69
05.	Store Area	---	75

* Permissible Limits as prescribed by West Bengal Pollution Control Board under Environment Protection Rules, 2000.

Inside the Plant: 85.0 dB(A)
 Ambient Noise: 75.0 dB(A)

Page 01 of 01

-----End of the Report-----

Authorised Signatory

For Bharat Foundation

Neogi

A. Neogi

C. E. O. & Technical Manager



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(Recognised by WEST BENGAL POLLUTION CONTROL BOARD)

25/11A, K. P. Roy Lane, Kolkata - 700 031
E-mail : bharatfoundation@gmail.com

Test Report

Report No.: **G/22/L/120**

Report of Testing: **Illumination Monitoring.**

Name of the Company & Address: **M/s. Kejriwal Castings Ltd.**
Bamunara , Gopalpur Road, Durgapur,
Pin : 713212, W.B.

Date of Sampling: **22.12.2022**

Date of Reporting: **24.12.2022**

Sampling Done By : **Our Representative (Mr. R. N. Bhattacharyya)**

Results of Illumination Level Monitoring

Sl. No	Location	Illumination (LUXES)
01.	Finishing Line Area	330
02.	Annealing Furnace Area	390

Page 01 of 01

----- END OF THE REPORT -----

Authorised Signatory

For Bharat Foundation

A. Neogi

A. Neogi

C. E. O. & Technical Manager

ANNEXURE - III

Proposed conditions for Environmental Clearance for the proposed setting up of DI Pipe manufacturing unit of capacity 97,200 MT/annum at Vill - Gopalpur, JL No. 58, Bamunara Industrial Area, Mouza - Bamunara, P.S - Kamksa, Durgapur - 713212, Dist - Paschim Bardhaman, West Bengal by M/s. Kejriwal Castings Limited.

Minimum amount of CER as per OM dated 01.05.2018 and OM dated 31.10.2019	[0.75% of Rs. 10641.28 lakhs] X 1.50 = Rs.119.72 lakhs																													
Raw Materials & Quantity	<table border="1"> <tr> <td>Pig Iron</td> <td>MT/Month</td> <td>6100</td> </tr> <tr> <td>M.S. Scrap</td> <td>MT/Month</td> <td>2600</td> </tr> <tr> <td>Ferro silicon, calcium carbide magnesium ingot, inoculants</td> <td>MT/Month</td> <td>180</td> </tr> <tr> <td>Sand for core</td> <td>MT/Month</td> <td>60</td> </tr> <tr> <td>Resin, hardener, catalyst, paint</td> <td>MT/Month</td> <td>4</td> </tr> <tr> <td>Zinc wire/Aluminium wire</td> <td>MT/Month</td> <td>34</td> </tr> <tr> <td>Sand for lining</td> <td>MT/Month</td> <td>1000</td> </tr> <tr> <td>Portland cement</td> <td>MT/Month</td> <td>800</td> </tr> <tr> <td>Bitumen/Epoxy paint</td> <td>MT/Month</td> <td>36</td> </tr> </table>			Pig Iron	MT/Month	6100	M.S. Scrap	MT/Month	2600	Ferro silicon, calcium carbide magnesium ingot, inoculants	MT/Month	180	Sand for core	MT/Month	60	Resin, hardener, catalyst, paint	MT/Month	4	Zinc wire/Aluminium wire	MT/Month	34	Sand for lining	MT/Month	1000	Portland cement	MT/Month	800	Bitumen/Epoxy paint	MT/Month	36
Pig Iron	MT/Month	6100																												
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Sand for lining	MT/Month	1000																												
Portland cement	MT/Month	800																												
Bitumen/Epoxy paint	MT/Month	36																												
Water requirement and source	<p>Proposed: 222 KLD</p> <table border="1"> <thead> <tr> <th>Particulars</th> <th>Requirement (KLD)</th> </tr> </thead> <tbody> <tr> <td>Cooling Water (Make up)</td> <td>192</td> </tr> <tr> <td>Other Industrial activity</td> <td>10</td> </tr> <tr> <td>Domestic purposes & Others</td> <td>20</td> </tr> <tr> <td>Total</td> <td>222</td> </tr> </tbody> </table> <p>Source : Deep Water Tubewell / Rain Water Harvesting</p>			Particulars	Requirement (KLD)	Cooling Water (Make up)	192	Other Industrial activity	10	Domestic purposes & Others	20	Total	222																	
Particulars	Requirement (KLD)																													
Cooling Water (Make up)	192																													
Other Industrial activity	10																													
Domestic purposes & Others	20																													
Total	222																													
Power Requirement & source	<p>Proposed: 20 MVA Source : Durgapur Projects Limited Proposed D.G. Set : 400KVA</p>																													
Fuel Requirement	<p>Diesel will be used for D.G. sets @ 50 L/hr. CBM or furnace oil will be used for the following section.</p> <table border="1"> <thead> <tr> <th>Section</th> <th>CBM/month</th> <th></th> <th>Furnace oil/month</th> </tr> </thead> <tbody> <tr> <td>Annealing furnace</td> <td>4.00 Lac m³</td> <td rowspan="2">OR</td> <td>4.00 Lac Litre</td> </tr> <tr> <td>Ladle and hopper heating etc.</td> <td>50,000 m³</td> <td>50,000 Litre</td> </tr> </tbody> </table>			Section	CBM/month		Furnace oil/month	Annealing furnace	4.00 Lac m ³	OR	4.00 Lac Litre	Ladle and hopper heating etc.	50,000 m ³	50,000 Litre																
Section	CBM/month		Furnace oil/month																											
Annealing furnace	4.00 Lac m ³	OR	4.00 Lac Litre																											
Ladle and hopper heating etc.	50,000 m ³		50,000 Litre																											
Manpower requirement	Proposed: 405																													
Water Pollution Control System	Cement slurry (Approx. 20 Tonnes /month) is taken to the Effluent Treatment Plant from which the water is recycled and used for gardening and the solid is used to manufacture brick/cement tiles. Sanitary waste water (approx. 15 KLD) will be treated in septic tank followed by soak pit.																													
Air Pollution Control System	Source	Pollution Control System																												
	Induction Furnace	Proposed induction furnace will be equipped with Spark arrestor, Bag Filter, ID Fan and stack of height 30m from GL.																												

STATE LEVEL ENVIRONMENT IMPACT ASSESSMENT AUTHORITY

Pranisampad Bhaban, 5th floor, LB-2, Sector-III,

Salt Lake, Kolkata-700 106.

Telefax No. 033 2335 5246

Website : www.environmentwb.gov.in

No. 388 / EN / T-II-1 /066/ 2018

Date : 18 /02 / 2020

To
M/s Kejriwal Castings Limited,
Chatterjee International Centre,
33A, Chowringhee Road,
11th floor, Suite # 1, 6 & 11,
Kolkata - 700 071

SUB. : Environmental Clearance for the proposed setting up of DI Pipe manufacturing unit of capacity 97,200 MT/annum by M/s Kejriwal Castings Limited at Khatian no. 5770, J.L. no. 58, Vill-Gopalpur, Bamunara Industrial Area, Mouza-Bamunara, PS-Kanksa, Durgapur, PIN-713212, Dist.-Paschim Bardhaman, West Bengal.

Sir,

This has a reference to your application for Environmental Clearance (EC) hardcopy of which was submitted to SEIAA on 01.08.2018 and subsequent communications for the proposed setting up of DI Pipe manufacturing unit of capacity 97,200 MT/annum by M/s Kejriwal Castings Limited at Khatian no. 5770, J.L. no. 58, Vill-Gopalpur, Bamunara Industrial Area, Mouza-Bamunara, PS-Kanksa, Durgapur, PIN-713212, Dist.-Paschim Bardhaman, West Bengal.

The proposal has been examined and processed in accordance with the EIA Notification, 2006. This is a proposal for setting up of DI Pipe manufacturing unit of capacity 97,200 MT/annum.

Salient features of the project are summarized below:

Proposed Project	Setting up DI pipe manufacturing unit of capacity 97,200 MT per annum
Project Location	J.L.No. 58, Khatian No. 5770, Bamunara Industrial Area, Mouza - Bamunara, P.S - Kanksa, Durgapur - 713212, Dist- Paschim Bardhaman, West Bengal Latitude : 23°29'54"N; Longitude : 87°22'34"E
Proposed Modification /Addition	Setting up DI pipe manufacturing unit of capacity 97,200 MT per annum
Land Area	The company has procured 10.41 Acre (42127.77 m ²) of land alongwith 32,250 sqft. AC sheet roofing factory shed. The entire land has been mutated in the name of erstwhile Bhagwanji Ispat Private Limited and later the said company has been merged with KCL vide Honorable High Court Order. As per Parcha dated 21/06/2016 entire land i.e. 10.41 Acre has been mutated in the name of Kejriwal Castings Limited and has been converted into Industrial land.
Project Cost	Rs. 10641.28 Lacs

Member Secretary, State Level Environmental Impact Assessment Authority

- from G.I. as proposed. Secondary fume extraction system with adequate side suction should be provided to prevent fugitive emission during charging. Suction should be adequate to control fugitive emission. Stack emission (PM) from induction furnaces should not exceed 50 mg/Nm³. Stack emissions should be monitored at regular intervals and records should be maintained.
- iii. Dust collection from Bag filter should be done through pneumatic control system. Collected dust is to be recycled back to process or sold for landfilling subject to the condition that it does not fall under the Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016.
 - iv. The National Ambient Air Quality Emission Standards issued by the Ministry vide G.S.R. No. 826(E) dated 16th November, 2009 shall be complied with.
 - v. Regular monitoring of the air quality shall be carried out in and around the plant and records shall be maintained.
 - vi. Adequate measures to be adopted for control of fugitive emission. Regular water sprinkling should be done to control the fugitive emission.
 - vii. Groundwater should be abstracted as per the permission obtained from the competent authority as per The West Bengal Ground Water Resources (Management, Control and Regulation) Act, 2005. Appropriate flow measuring device to be installed for monitoring volume of abstracted ground water and logbook to be maintained regularly.
 - viii. **Sponge iron and Pig iron should be used as major raw material in Induction Furnace (at least 80% of the total input).** Use of galvanized iron scrap as raw material is not permitted.
 - ix. Covered storage yard for raw materials to be provided. Loading and unloading operations should not be carried out in open areas.
 - x. Rain Water Harvesting as proposed should be done in order to reduce abstraction of ground water. Recharging of ground water is not permitted.
 - xi. Cooling water should be recycled.
 - xii. Solid wastes are generated in the form of scrap and slag. Scrap should be recycled in the proposed plant as proposed. Slag may be used for road construction and land filling; however, indiscriminate dumping is not permitted under any circumstances.
 - xiii. Ambient noise level should not exceed the permissible limit. The overall noise levels in and around the plant area shall be kept well within the standards by providing noise control measures including acoustic hoods, silencers, enclosures etc. on all sources of noise generation. The ambient noise levels should conform to the standards prescribed under EPA Rules, 1989 viz. 75 dB(A) Leq (daytime) and 70 dB(A) Leq (nighttime) and its subsequent amendments.
 - xiv. Green belt shall be developed within and around the plant as per proposal submitted. **At least 33% of the land area should be covered by plantation.** At least 2085 nos. of trees to be planted. Indicative list of species is given at Annexure-1. There should not be any removal/destruction of vegetative cover both at the establishment as well as the operational stage, without the sanction of appropriate authority.
 - xv. All internal roads should be concreted / pitched. Proper lighting and proper pathway inside the factory premises should be constructed to ensure safe vehicular movement. Provision of separate pathway for entry and exit of vehicles should be considered. Vehicles should conform to pollution under control (PUC) norms. Proper house keeping shall be maintained within the premises. Solar lighting should be used as far as practicable.
 - xvi. Health and safety of workers should be ensured. Workers should be provided with adequate personnel protective equipment and sanitation facilities. Occupational Health Surveillance of the workers shall be done on a regular basis and records maintained as per the Factories Act.
 - xvii. Adequate measures to be adopted to ensure industrial safety. Proper fire detection & protection systems to be provided to control fire and explosion hazards.
 - xviii. The implementation and monitoring of Environmental Management Plan should be carried out, as proposed.

Proposed conditions for Environmental Clearance for the proposed setting up of DI Pipe manufacturing unit of capacity 97,200 MT/annum at Vill - Gopalpur, JL No. 58, Bamunara Industrial Area, Mouza - Bamunara, PS - Kanksa, Durgapur - 713212, Dist - Paschim Bardhaman, West Bengal by M/s. Kejriwal Castings Limited.

	Annealing Furnace	Air Pollution from Annealing Furnace has been taken care of by installing Flue air duct to 30 mt. height steel chimney via scrubber and ID fan (if the heating will be done by burning of Furnace Oil). If CBM is used for heating of Annealing Furnace then there will not be any control equipment, only Fan, Chimney and Platform Ladder will be installed.
	Magnesium Converter, Zinc Coating units	Air Pollution from Magnesium Converter, Zinc Coating units has been taken care of by installing Bag filter and ID Fan.
	Bitumin/ Epoxy Painting unit	Air Pollution from Bitumin/ Epoxy Painting unit has been taken care of by installing Flue air duct to 30 mt. height steel chimney via scrubber and ID fan.
Solid Waste generation	<p>Induction Furnace Slag: 400 TPM will be disposed for land filling and road construction.</p> <p>Slag from Magnesium converter: 200 TPM will be used for Road Filling and Land Reclamation.</p> <p>Core Sand from Casting Area and Annealing Furnace: 100 TPM will be used for Land Filling and reclamation and will be recycled.</p> <p>Zinc Dust: 50 TPM will be sold to certified Paint manufacturer.</p> <p>Dust from Air Pollution Control System: 200 TPM will be used in land filling, making of fly ash, bricks. About 20 TPM scrap will be re-melted in the process.</p>	
Area For Greenbelt	Proposed Greenbelt: 14768 sqm.	
Rain water harvesting features	<p>Minimum harvested water: 1804 m³ / year.</p> <p>Four rectangular rain water storage tanks will be constructed.</p> <p>Dimension of tank 10.0 m x 10.0 m x 5.0 m = 500 m³.</p> <p>6.01 KLD harvested rainwater will be utilized for plant operation.</p>	
Exclusive Tree plantation Area (at least 33% of land area + additional 7% of land area adjacent to the project area)	4.164 Acre (40%)	
No. of trees to be planted.	2585	

State Level Environment Impact Assessment Authority (SEIAA), examined the proposal and also perused recommendations of the State Level Expert Appraisal Committee (SEAC). After due consideration of the project proposal, and the recommendations of the State Level Expert Appraisal Committee (SEAC), the State Level Environment Impact Assessment Authority accords Environmental Clearance to the project as per provisions of the EIA notification no. S.O. 1533 (E) dt. 14th September, 2006 of Ministry of Environment & Forests, GOI subject to strict compliance of terms and conditions as mentioned below :-

A. SPECIFIC CONDITIONS: Given in Annexure 1

B. ADDITIONAL CONDITIONS:

- i. The gaseous emissions from various process units should conform to the load / mass based standards prescribed by the Ministry of Environment & Forests and the State Pollution Control Board from time to time. At no time the emission level should go beyond the prescribed standards.
- ii. Induction furnaces should be provided with fume extraction and dedicated pollution control systems consisting of Swiveling Hood, Spark Arrestor, Bag Filter, ID Fan etc. and stack of minimum height 30m

Member Secretary, State Level Environmental Impact Assessment Authority


Proposed conditions for Environmental Clearance for the proposed setting up of DI Pipe manufacturing unit of capacity 97,200 MT/annum at Vill - Gopalpur, JL No. 58, Bamunara Industrial Area, Mouza - Bamunara, PS - Kanksa, Durgapur - 713212, Dist - Paschim Bardhaman, West Bengal by M/s. Kejriwal Castings Limited.

12. The Project Authorities should inform the State Pollution Control Board as well as the SEIAA, West Bengal, the date of financial closure and final approval of the project by the concerned authorities and the date of commencing the land development work/project implementation.
13. The above stipulations would be enforced along with those under the Water (Prevention and Control of Pollution) Act, 1974, the Air (Prevention and Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, the Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016, Solid Waste Management Rules, 2016, the Public Liability Insurance Act, 1991, the Environment Impact Assessment Notification 2006 and their amendments.
- D. Additional Conditions as per O.M. of MoEF&CC vide F. No. 22-23/2018-IA.III (Pt) dated 31.10.2019 and F. No. 22-23/2018-IA.III dated 30.12.2019.
- The industry shall meet stack emission standard of 45 mg/Nm³ instead of 50 mg/Nm³ as mentioned in additional conditions B (ii)
 - Water sprinklers at strategic locations to be installed for controlling fugitive emission from different sources.
 - The industry shall take up additional plantation of 500 trees in area adjacent to the project area in consultation with concerned D.F.O. This will be in addition to 2085 trees as given in Annexure-1.
 - STP of adequate capacity for domestic waste water to be installed as proposed.
 - Slag to be used for land filling and road construction.
 - Monitoring of compliance of EC conditions shall be submitted with third party audit every year.
 - The minimum amount of CER shall be 1.5 x Rs.79.8096 lakhs = Rs.119.72 lakhs.

The contact details of the proponent and the name of the consultant are given below -

Name of the Contact person with Designation	Mr. Sandip Kejriwal, Managing Director
Address	Chatterjee International Centre, 33A, Chowringhee Road, 11 th floor, Suite # 1, 6 & 11, Kolkata - 700 071
Email	info@kejriwalcastings.com
Telephone Number; Fax Number	2226 2312, 2226 2313, 2226 3145 Fax: 2226 2314
Name of the Environmental Consultant	M/s Pacific Scientific Consultancy Pvt. Ltd.

Yours Sincerely,



(Niraj Singhal, IFS.)
Chief Environment Officer &
Member Secretary, SEIAA

Proposed conditions for Environmental Clearance for the proposed setting up of DI Pipe manufacturing unit of capacity 97,200 MT/annum at Vill – Gopalpur, JI, No. 58, Bamunara Industrial Area, Mouza – Bamunara, PS – Kanksa, Durgapur – 713212, Dist – Paschim Bardhaman, West Bengal by M/s. Kejriwal Castings Limited.

- xix. Corporate Environment Responsibility (CER) Program to be formulated based on the results of socio economic survey on relevant parameters and need assessment of local people as per MoEF OM No. F.No.22-65/2017-IA.III dated: 1st May, 2018 and O.M. No. F. No. 22-23/2018-IA.III (Pt) dated 31.10.2019.
- xx. Implementation of such programme shall be ensured accordingly in a time bound manner.

C. GENERAL CONDITIONS:

1. The environmental clearance accorded shall be valid for a period of 7 years for the proposed expansion project.
2. During construction phase, air pollution and solid waste management aspects need to be properly addressed ensuring compliance of the Construction and Demolition Waste Management Rules, 2016.
3. Prior Consent-to-Establish (NOC) for the proposed expansion project must be obtained from WBPCB before commencement of construction. All other statutory clearances should be obtained by project proponent from the competent authorities.
4. The project proponent shall comply with all the environmental protection measures and safeguards recommended. Further, the unit must undertake socio-economic development activities in the surrounding villages like community development programs, educational programs, drinking water supply and health care etc.
5. All the conditions, liabilities and legal provisions contained in the EC shall be equally applicable to the successor management of the project in the event of the project proponent transferring the ownership, maintenance of management of the project to any other entity.
6. Provision should be made for the supply of kerosene or cooking gas to the labourers during construction phase. All the labourers to be engaged for construction works should be screened for health and adequately treated before issue of work permits. Environmental sanitation should be ensured for the workers.
7. The project proponent should make financial provision in the total budget of the project for implementation of the environmental safeguards. The project authorities will provide requisite funds both recurring and non-recurring to implement the conditions stipulated by the SEIAA, West Bengal along with the implementation schedule for all the conditions stipulated herein. The funds so provided should not be diverted for any other purpose.
8. No further expansion or modifications in the plant should be carried out without prior approval of the State Environmental Impact Assessment Authority, West Bengal. In the case of any change(s) in the scope of the project, the project would require a fresh appraisal by the SEIAA, West Bengal.
9. The West Bengal Pollution Control Board as well as the Regional Office of MoEF&CC, Bhubaneswar who would be monitoring the implementation of environmental safeguards, should be given full cooperation, facilities and documents / data by the project proponents during their inspection. A six monthly compliance report and the monitored data along with statistical interpretation shall be submitted to the WBPCB regularly. A complete set of all the documents should also be forwarded to the State Environmental Impact Assessment Authority, West Bengal.
10. The State Environmental Impact Assessment Authority, West Bengal reserves the right to add additional safeguard measures subsequently, if found necessary, and to take action including revoking of the environmental clearance under the provisions of the Environmental (Protection) Act. 1986, to ensure effective implementation of the suggested safeguard measures in a time-bound and satisfactory manner.
11. The Project Proponent should inform the public that the project has been accorded environmental clearance by the SEIAA, West Bengal and copies of the clearance letter are available with the West Bengal Pollution Control Board and may also be seen at Website of the SEIAA, West Bengal (<http://environmentwb.gov.in>). This should be advertised within seven days from the date of issuance of the clearance letter, at least in two local newspapers that are widely circulated in the region of which one shall be in the vernacular language of the locality concerned.


Member Secretary, State Level Environmental Impact Assessment Authority

Proposed conditions for Environmental Clearance for the proposed setting up of DI Pipe manufacturing unit of capacity 97,200 MT/annum at Vill - Gopalpur, JL No. 58, Bamunara Industrial Area, Mouza - Bamunara, PS - Kanksa, Durgapur - 713212, Dist - Paschim Bardhaman, West Bengal by M/s. Kejriwal Castings Limited.

No. 388/1(5)/EN/T-II-1/066/2018

Date :18 /02 / 2020

Copy forwarded to :-

1. Secretary, SEAC & M.S. WBPCB
2. Officer-in-Charge, Regional Office (Eastern Zone), Ministry of Environment & Forests, Government of India, A-3, Chandrashekharpur, Bhubaneswar - 751 023, Orissa.
3. Chief Inspector of Factories, Factories Directorate, New Secretariat Building, 8th Floor, 1, Kiran Shankar Roy Road, Kolkata - 700 001.
4. The Divisional Forest Office, Shastri Ave, AranyaPally, Durgapur, West Bengal 713212.
5. Guard file / Record file.

Sd/-
Chief Environment Officer &
Member Secretary, SEIAA

Annexure -1

LIST OF TREES FOR PLANTATION

Sl. No.	BOTANICAL NAME	COMMON NAME	QUANTITY
1.	<i>Butea monosperma</i>	Palash	200
2.	<i>Ficus religiosa</i>	Aswatha	150
3.	<i>Cassia fistula</i>	Amaltas	170
4.	<i>Azadiracta indica</i>	Neem	230
5.	<i>Acacia nilotica</i>	Babla	115
6.	<i>Mahua longifolia</i>	Mahua	270
7.	<i>Alstonia scholaris</i>	Chatim	230
8.	<i>Tamarindus indica</i>	Tentul	100
9.	<i>Neolamarckia cadamba</i>	Kadam	140
10.	<i>Bauhinia variegata</i>	Kanchan	230
11.	<i>Polyalthia longifolia</i>	Devdaru	250
Total			2085

Member Secretary, State Level Environmental Impact Assessment Authority

(e.g. PM₁₀ and PM_{2.5} in reference to PM emission, and SO₂ and NO_x in reference to SO₂ 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. (case to case basis small plants: Manual; Large plants: Continuous)

- iv. 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 MoEF&CC, Zonal office of CPCB and Regional Office of SPCB along with six-monthly monitoring report.
- v. Appropriate Air Pollution Control (APC) system shall be provided for all the dust generating points including fugitive dust from all vulnerable sources.
- vi. The project proponent shall provide leakage detection and mechanised bag cleaning facilities for better maintenance of bags.
- vii. Sufficient number of mobile or stationery vacuum cleaners shall be provided to clean plant roads, shop floors, roofs, regularly.
- viii. Recycle and reuse iron ore fines, coal and coke fines, lime fines and such other fines collected in the pollution control devices and vacuum cleaning devices in the process after briquetting/agglomeration.
- ix. The project proponent shall use leak proof trucks/dumpers carrying coal and other raw materials and cover them with tarpaulin.
- x. The project proponent shall provide covered sheds for raw materials like scrap and sponge iron, lump ore, coke, coal, etc.
- xi. The project proponent shall provide primary and secondary fume extraction system at all melting furnaces.
- xii. Design the ventilation system for adequate air changes as per ACGIH document for all tunnels, motor houses, Oil Cellars.

III. Water quality monitoring and preservation

- i. The project proponent shall install 24x7 continuous effluent monitoring system with respect to standards prescribed in Environment (Protection) Rules 1986 vide G.S.R 277 (E) dated 31st March 2012 (applicable to IF/EAF) as amended from time to time; S.O. 3305 (E) dated 7th December 2015 (Thermal Power Plants) as amended from time to time) and connected to SPCB and CPCB online servers and calibrate these system from time to time according to equipment supplier specification through labs recognised under Environment (Protection) Act, 1986 or NABL accredited laboratories. (case to case basis small plants: Manual; Large plants: Continuous)
- 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 recognised under Environment (Protection) Act, 1986 and NABL accredited laboratories.

ANNEXURE - IV**Standard EC Conditions for Induction/ Electric Arc Furnace & Rolling Mills****I. Statutory compliance:**

- i. The project proponent shall obtain forest clearance under the provisions of Forest (Conservation) Act, 1986, in case of the diversion of forest land for non-forest purpose involved in the project.
- ii. The project proponent shall obtain clearance from the National Board for Wildlife, if applicable.
- iii. The project proponent shall prepare a Site-Specific Conservation Plan & Wildlife Management Plan and approved by the Chief Wildlife Warden. The recommendations of the approved Site-Specific Conservation Plan / Wildlife Management Plan shall be implemented in consultation with the State Forest Department. The implementation report shall be furnished along with the six-monthly compliance report. (in case of the presence of schedule-I species in the study area)
- iv. The project proponent shall obtain Consent to Establish / Operate under the provisions of Air (Prevention & Control of Pollution) Act, 1981 and the Water (Prevention & Control of Pollution) Act, 1974 from the concerned State pollution Control Board/ Committee.
- v. The project proponent shall obtain the necessary permission from the Central Ground Water Authority, in case of drawl of ground water / from the competent authority concerned in case of drawl of surface water required for the project.
- vi. The project proponent shall obtain authorization under the Hazardous and other Waste Management Rules, 2016 as amended from time to time.

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 respect to standards prescribed in Environment (Protection) Rules 1986 vide G.S.R 277 (E) dated 31st March 2012 (applicable to IF/EAF) as amended from time to time; S.O. 3305 (E) dated 7th December 2015 (Thermal Power Plants) as amended from time to time) and connected to SPCB and CPCB online servers and calibrate these system from time to time according to equipment supplier specification through labs recognised under Environment (Protection) Act, 1986 or NABL accredited laboratories.
- ii. The project proponent shall monitor fugitive emissions in the plant premises at least once in every quarter through laboratories recognised under Environment (Protection) Act, 1986 or NABL accredited laboratories.
- iii. The project proponent shall install system carryout Continuous Ambient Air Quality monitoring for common/criterion parameters relevant to the main pollutants released

- ii. Oily scum and metallic sludge recovered from rolling mills ETP shall be mixed, dried, and briquetted and reused melting Furnaces
- iii. 100% utilization of fly ash shall be ensured. All the fly ash shall be provided to cement and brick manufacturers for further utilization and Memorandum of Understanding in this regard shall be submitted to the Ministry's Regional Office.
- iv. The waste oil, grease and other hazardous waste shall be disposed of as per the Hazardous & Other waste (Management & Transboundary Movement) Rules, 2016.
- v. Kitchen waste shall be composted or converted to biogas for further use. *(to be decided on case to case basis depending on type and size of plant)*

VII. Green Belt

- i. Green belt shall be developed in an area equal to 33% of the plant area with a native tree species in accordance with CPCB guidelines. The greenbelt shall inter alia cover the entire periphery of the plant
- 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.

VIII. Public hearing and Human health issues

- i. Emergency preparedness plan based on the Hazard identification and Risk Assessment (HIRA) and Disaster Management Plan shall be implemented.
- 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.
- 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, crèche etc. The housing may be in the form of temporary structures to be removed after the completion of the project.
- iv. Occupational health surveillance of the workers shall be done on a regular basis and records maintained as per the Factories Act.

IX. Corporate Environment Responsibility

- i. The project proponent shall comply with the provisions contained in this Ministry's OM vide F.No. 22-65/2017-1A.III dated 1st May 2018, as applicable, regarding Corporate Environment Responsibility.
- ii. The company shall have a well laid down environmental policy duly approved 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 / or

- iii. The project proponent shall submit monthly summary report of continuous effluent monitoring and results of manual effluent testing and manual monitoring of ground water quality to Regional Office of MoEF&CC, Zonal office of CPCB and Regional Office of SPCB along with six-monthly monitoring report.
- iv. Adhere to 'Zero Liquid Discharge'.
- v. Sewage Treatment Plant shall be provided for treatment of domestic wastewater to meet the prescribed standards.
- vi. The project proponent shall provide the ETP for effluents of rolling mills to meet the standards prescribed in G.S.R 277 (E) 31st March 2012 (applicable to HF/EAF) as amended from time to time.
- vii. Garland drains and collection pits shall be provided for each stock pile to arrest the run-off in the event of heavy rains and to check the water pollution due to surface run off
- viii. The project proponent shall practice rainwater harvesting to maximum possible extent.
- ix. The project proponent shall make efforts to minimise water consumption in the steel plant complex by segregation of used water, practicing cascade use and by recycling treated water.

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 Officer of the Ministry as a part of six-monthly compliance report.
- ii. The ambient noise levels should conform to the standards prescribed under E(P)A Rules, 1986 viz. 75 dB(A) during day time and 70 dB(A) during night time.

V. Energy Conservation measures

- i. The project proponent shall provide waste heat recovery system (pre-heating of combustion air) at the flue gases of reheating furnaces.
- ii. Practice hot charging of slabs and billets/blooms as far as possible.
- iii. Ensure installation of regenerative type burners on all reheating furnaces.
- iv. 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.
- v. Provide the project proponent for LED lights in their offices and residential areas.

VI. Waste management

- i. Used refractories shall be recycled as far as possible.

- vii. The project proponent shall inform the Regional Office as well as the Ministry, the date of financial closure and final approval of the project by the concerned authorities, commencing the land development work and start of production operation by the project.
- i. The project authorities must strictly adhere to the stipulations made by the State Pollution Control Board and the State Government.
 - ii. The project proponent shall abide by all the commitments and recommendations made in the EIA/EMP report, commitment made during Public Hearing and also that during their presentation to the Expert Appraisal Committee.
- viii. No further expansion or modifications in the plant shall be carried out without prior approval of the Ministry of Environment, Forests and Climate Change (MoEF&CC).
- ix. 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.
- x. The Ministry may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.
- xi. The Ministry reserves the right to stipulate additional conditions if found necessary. The Company in a time bound manner shall implement these conditions.
- xii. The Regional Office of this Ministry shall monitor compliance of the stipulated conditions. The project authorities should extend full cooperation to the officer (s) of the Regional Office by furnishing the requisite data / information/monitoring reports.
- xiii. The above conditions shall be enforced, inter-alia under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 and the Public Liability Insurance Act, 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.
- xiv. 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.

shareholders / stake holders. The copy of the board resolution in this regard shall be submitted to the MoEF&CC as a part of six-monthly report.

- iii. A separate Environmental Cell both at the project and company head quarter level, with qualified personnel shall be set up under the control of senior Executive, who will directly to the head of the organization.
- 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 Ministry/Regional Office along with the Six Monthly Compliance Report.
- v. Self environmental audit shall be conducted annually. Every three years third party environmental audit shall be carried out.
- vi. All the recommendations made in the Charter on Corporate Responsibility for Environment Protection (CREP) for the plants shall be implemented.

X. Miscellaneous

- i. 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.
- ii. 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.
- iii. 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.
- iv. The project proponent shall monitor the criteria pollutants level namely; PM₁₀, SO₂, NO_x (ambient levels as well as stack emissions) or critical sectoral parameters, indicated for the projects and display the same at a convenient location for disclosure to the public and put on the website of the company.
- v. 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.
- vi. The project proponent shall submit the environmental statement for each financial year in Form-V to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently and put on the website of the company.

ANNEXURE - IV

Water Requirement
(222 m³/day)

Process Water Soft
(192 m³/day)

- 1) Evaporation Loss - 120 m³/day
- 2) Blow Down Loss - 60 m³/day
- 3) Drift Loss - 12 m³/day

Discharge Requirement
(3.3 m³/day)

- 1) Socket Cooling - 1.2 m³/day
- 2) Graphite Mixture - 1.0 m³/day
- 3) Laddle, Runner & Hot Metal Cooling - 1.0 m³/day

"0" Discharge to external mains

Raw Water
(30 m³/day)

- 1) Fire Fighting - 5.0 m³/day
- 2) Pipe Testing - 5.5 m³/day
- 3) Cement Slurry Mixing - 4.5 m³/day
- 4) Worker, Staff apartments, Baths, Toilets, Kitchen, Drinking - 15 m³/day

- 1) 5m³ to 4 Nos. Septic Tank/Cessapool
- 2) 10 m³ consumption

"0" Discharge to external mains

Applied for the Ground Water Permission

ANNEXURE - V

DURGAPUR NURSERY

B.C. ROY AVENUE NEAR BUS STAND, DURGAPUR 01,
DURGAPUR, BARDHAMAN, WEST BENGAL, 713201

Email: -durgapurnursery@gmail.com

MOB:-7001381287

Date: 20/01/2022

To

Kejriwal casting Ltd.
Bamunara,

SUB:- Bill No-DN/104,Supply Of Plants and plantation

SL NO	PARTICULARS	QNTY.	RATE.	AMMOUNT
1)	Chinese Tagor	100 Pc	25/-	2500.00
2)	Sejeum Plants	150 Pc	20/-	3000.00
3)	Duranda Hedge	150 Pc	5/-	750.00
4)	Rangon Red	20 Pc	50/-	1000.00
5)	Plumeria	16 Pc	40/-	640.00
6)	Red Hedge	220 Pc	5/-	1100.00
7)	Bangalore Croton Big	5 Pc	120/-	600.00
8)	Ficus	11 Pc	120/-	1320.00
9)	Areliia White	65 Pc	40/-	2600.00
10)	Pendonus	49 Pc	50/-	2450.00
11)	Bangalore Croton Small	4 Pc	40/-	160.00
12)	Golden Jhow	2 Pc	250/-	500.00
13)	Mexican Grass	250 Sq Feet	15/-	3750.00
14)	Mali Charges For Plantation			4750.00
15)	Transportation			350.00
	(Twenty Five Thousand Four Hundred Seventy Only)		TOTAL:-	25470.00

➤ Kindly check accounts details after paid the bill because account numbers have changed.
I have enclosed a cancel cheque for account confirmation.

ACCOUNT DETAILS:-

A/C NAME - DURGAPUR NURSERY

A/C NUMBR - 3412622424

IFSC - CBIN0284463

BRANCH - DCL (CENTRAL BANK OF INDIA)

Durgapur Nursery

Chowdhury
Proprietor

Gaude
21/01/2022

DURGAPUR NURSERY

B.C. ROY AVENUE NEAR BUS STAND, DURGAPUR 01,
DURGAPUR, BARDHAMAN, WEST BENGAL, 713201

Email: -durgapurnursery@gmail.com

MOB:-7001381287

Date: 29/01/2022

To

Kejriwal casting ltd.
Bamunara,

SUB:- Bill No-DN/106, Supply Of Vegetable seeds

SL NO	PARTICULARS	QNTY.	RATE.	AMMOUNT
1)	COWDUNG MANNURE	2 TROLLY	2400.00	4800.00
2)	ONION SEEDS SUKH SAGAR (100 GM)	2 PCKT	350.00	700.00
3)	BIT SEEDS (25 GM)	1 PCKT	65.00	65.00
4)	GAJOR SEEDS (100 GM)	1 PCKT	180.00	180.00
5)	OLGOBI (50GM)	1 PCKT	280.00	280.00
6)	DHANIA (500 GM)	1 PCKT	250.00	250.00
7)	MOTOR (500GM)	1 PCKT	290.00	290.00
8)	CUTTER SECUTRER	1 PC	650.00	650.00
9)	PASHUNI	02 PC	180.00	360.00
	(Seven thousand five hundred seventy five Only)		TOTAL:-	7575.00

ACCOUNT DETAILS:-

A/C NAME - DURGAPUR NURSERY

A/C NUMBR - 3412622424

IFSC - CBIN0284463

BRANCH - DCL (CENTRAL BANK OF INDIA)

R. Choudhury

Gandhi
29/01/2022

DURGAPUR NURSERY

B.C. ROY AVENUE NEAR BUS STAND, DURGAPUR 01,
DURGAPUR, BARDHAMAN, WEST BENGAL, 713201

Email: -durgapurnursery@gmail.com

MOB:-7001381287

Date: 21/01/2022

To

Kejriwal casting ltd.
Bamunara,

SUB:- Bill No-DN/107, Supply Of Vegetable seeds

SL NO	PARTICULARS	QNTY.	RATE.	AMMOUNT
1)	FULL GOBI (10GM)	1 PCKT	490.00	490.00
2)	BADHA GOBI (10 GM)	1 PCKT	220.00	220.00
3)	GAJOR SEEDS (25 GM)	4 PCKT	45.00	180.00
4)	BEANS (100 GM)	1 PCKT	120.00	120.00
5)	MOTOR GREEN (1KG)	1 PCKT	260.00	260.00
6)	DHANIA (500 GM)	1 PCKT	180.00	180.00
7)	TAMATO (10GM)	1 PCKT	380.00	380.00
8)	SOSA /KHIRA (25 GM)	1 PCKT	160.00	160.00
	(One Thousand Nine Hundred Ninety Only)		TOTAL:-	1990.00

ACCOUNT DETAILS:-

A/C NAME - DURGAPUR NURSERY

A/C NUMBR - 3412622424

IFSC - CBIN0284463

BRANCH - DCL (CENTRAL BANK OF INDIA)

Durgapur Nursery

Chaudhary
Proprietor

Grades
29/01/2022

DURGAPUR NURSERY

101 AVENUE NEAR BUS STAND, DURGAPUR, BARDAHAMAN, WEST BENGAL, 713201
 durgapur_nursery@gmail.com

MOB: 7301951
 Date: 15/10/2021

Primal casting Ltd
 Samunara,

SUB:- Bill No-DN/105, Supply Of Plants and plantation

SI NO	PARTICULARS	QNTY.	RATE.	AMMOUNT
1)	DAP	20 Kg		
2)	KITOL	20 Kg	35/-	700.00
3)	URFA	10 Kg	40/-	800.00
4)	BONE DUST	10 Kg	15/-	150.00
5)	TRAMIC	5 Kg	40/-	400.00
6)	NEEMKOL	5 Kg	40/-	200.00
7)	HORNELEX	5 Kg	40/-	200.00
8)	SUPER ROSFET	5 Kg	60/-	300.00
9)	POTACT	5 Kg	30/-	150.00
10)	AN DORAXA	5 Kg	30/-	150.00
11)	THIMATE	1 Bag	800/-	800.00
12)	MUNOCH (100 ML)	5 Nos	150/-	750.00
13)	ROGAR (100 ML)	5 Nos	80/-	400.00
14)	VITAMIN FOR VEG PLANTS(100ML)	5 Nos	75/-	375.00
15)	KHINDAI	2 Nos	40/-	200.00
16)	TALSON HEDGE SHEAR	1 Nos	300/-	600.00
18)	SPEAYER (2 LTR)	1 Nos	450/-	450.00
19)	NIRANI	2 Nos	950/-	950.00
20)	RAKIT	5 Nos	250/-	500.00
21)	TOLOWAR	3 Nos	65/-	325.00
	(Eight Thousand Seven Hundred Ninety Only)	3 Nos	70/-	210.00
			60/-	180.00
			TOTAL:-	8790.00

NAME: DURGAPUR NURSERY
 NUMBER: 3412622424
 CBRN0204461
 BRANCH: (C.C.I. CENTRAL BANK OF INDIA)

Mangal Lal Suran

*Primal casting
 27/10/2021*

No. 165

BILL

Date 17/7/2020

DURGAPUR NURSERY

Prop. Pankaj Chowdhury (Chandan)

Plants, Tub, Chaina & Selection Grass

are also available here.

RAIL GATE, KALPATARU NAGAR (AMBEDKAR) COLONY,

DURGAPUR-1, PASCHIM BARDHAMAN

Mob.: 9333170013 / 7384996471

Name *Reginwal Casting Ltd*Address *Durgapur*

Sl. No.	PARTICULARS	Qty.	Rate	AMOUNT	
				Rs.	P.
1	Chaltem 2 1/2, 3P	100	25/-	2500	
2	Kadam	100	25/-	2500	
3	Nim	150	25/-	3750	
4	Manchan	100	20/-	2000	
<i>Total Rs. 10750/-</i>					
TOTAL				10750	

Rupees (in words)

DURGAPUR NURSERY

Purchaser Signature

Phd No. 14783

Rail Gate, Kalpataru Nagar Colony

N.B.: FLOWER TAX for any occasion available here.

DURGAPUR NURSERY

No. 25

BILL

Date 30.8.2020

DURGAPUR NURSERY

Prop. - Pankaj Chowdhury (Chandan)

Plants, Tub, Chaina & Selection Grass
are also available here.RAIL GATE, KALPATARU NAGAR (AMBEDKAR) COLONY,
DURGAPUR -1, PASCHIM BURDWAN (W. B.)

Mob. - 9333170013 / 7384996471

Name Keshavnal casting Ltd.Address Kamulana

Sl No	PARTICULARS	Qty	Rate	AMOUNT Rs.	P.
1	Big Debdaru	100 ft.	180/-	18000	10
2	Annopurna	2 Bag	700/-	1400	10
3	Pyropas	2 Ltr	430/-	860	10
4	Thimote	10 kg	120/-	1200	10
5	Nec on khal	10 kg	40/-	400	10
6	Horn Flex	5 kg	60/-	300	10
7	Bonedust	10 kg	10/-	100	10
8	coconut mixed soil	15 PC	140/-	2100	10
9	cutting aid powder	2 PC	50/-	100	10
10	vegetable seedlings	400 PC	2/-	800	10
11	Transportation			700	10
TOTAL				26,260	100

Rupees (in words)

Twenty Six thousand two
hundred and sixty only

Purchaser Signature

N. B. : FLOWER TAV for any occasion available here.

E. & O. E.

Durgapur Nursery

Chanduy

For DURGAPUR NURSERY

ANNEXURE - VI

Form 59

(See rules...)

Pollution Under Control Certificate

Authorised By :
Government of West Bengal

Date : 07/10/2023
Time : 17:05:08 PM
Validity upto : 06/10/2024



Certificate SL. No. : WB03700250005514
Registration No. : WB40AU9858
Date of Registration : 22/Aug/2022
Month & Year of Manufacturing : July-2022
Valid Mobile Number : *****5594
Emission Norms : CEV STAGE IV
Fuel : DIESEL
PUC Code : WB0370025
GSTIN : 19BVNPK9496H1ZL
Fees : Rs.100.00
(GST to be paid extra as applicable)
ML observation : No

Vehicle Photo with Registration plate
60 mm x 30 mm



Sr. No.	Pollutant (as applicable)	Units (as applicable)	Emission limits	Measured Value (upto 2 decimal places)
1	2	3	4	5
Idling Emissions	Carbon Monoxide (CO)	percentage (%)		
	Hydrocarbon, (THC/HC)	ppm		
High idling emissions	CO	percentage (%)		
	RPM	RPM	2500 ± 200	
	Lambda	-	1 ± 0.03	
Smoke Density	Light absorption coefficient	1/metre	1.62	0.19

This PUC certificate is system generated through the national register of motor vehicles and does not require any signature.

Note : 1. Vehicle owners to link their mobile numbers to registered vehicle by logging to <https://puc.parivahan.gov.in>

Authorised Signature with stamp of PUC operator
60mm x 20 mm

Form 59

[See rules 115 (2)]

Pollution Under Control Certificate

Authorised By :
Government of Uttar Pradesh

Date : 07/10/2023
Time : 13:33:31 PM
Validity upto : 06/04/2024



Certificate SL. No. : UP06600140003654
Registration No. : NL08D2189
Date of Registration : 06/Jul/2006
Month & Year of Manufacturing : July-2006
Valid Mobile Number : *****5594
Emission Norms : BHARAT STAGE III
Fuel : DIESEL
PUC Code : UP0660014
GSTIN :
Fees : Rs.105.00
(GST to be paid extra as applicable)
MIL observation : No

Vehicle Photo with Registration plate
60 mm x 30 mm



Sr. No.	Pollutant (as applicable)	Units (as applicable)	Emission limits	Measured Value (upto 2 decimal places)
1	2	3	4	5
Idling Emissions	Carbon Monoxide (CO)	percentage (%)		
	Hydrocarbon, (THC/HC)	ppm		
High Idling emissions	CO	percentage (%)		
	RPM	RPM	2500 ± 200	
	Lambda	-	1 ± 0.03	
Smoke Density	Light absorption coefficient	1/metre	2.45	0.69

This PUC certificate is system generated through the national register of motor vehicles and does not require any signature.

Note : 1. Vehicle owners to link their mobile numbers to registered vehicle by logging to <https://puc.parivahan.gov.in>

Authorised Signature with stamp of PUC operator
60mm x 20 mm

Form 59

[See rules 115 (2)]

Pollution Under Control Certificate

Authorised By :
Government of West Bengal

Date : 26/04/2023
Time : 14:24:28 PM
Validity upto : 25/10/2023



Certificate SL. No. : WB05300600003311
Registration No : WB02Z1279
Date of Registration : 02/Jan/2008
Month & Year of Manufacturing : January-2007
Valid Mobile Number : *****5594
Emission Norms : BHARAT STAGE III
Fuel : DIESEL
PUC Code : WB0530060
GSTIN :
Fees : Rs.100.00
(GST to be paid extra as applicable)
MIL observation : No

Vehicle Photo with Registration plate
60 mm x 30 mm



Sr. No.	Pollutant (as applicable)	Units (as applicable)	Emission limits	Measured Value (upto 2 decimal places)
1	2	3	4	5
Idling Emissions	Carbon Monoxide (CO)	percentage (%)		
	Hydrocarbon, (THC/HC)	ppm		
High idling emissions	CO	percentage (%)		
	RPM	RPM	2500 ± 200	
	Lambda	-	1 ± 0.03	
Smoke Density	Light absorption coefficient	1/metre	2.45	0.43

This PUC certificate is system generated through the national register of motor vehicles and does not require any signature.

Note : 1. Vehicle owners to link their mobile numbers to registered vehicle by logging to <https://puc.parivahan.gov.in>

Authorised Signature with stamp of PUC operator
60mm x 20 mm

Form 59

[See rules 115 (2)]

Pollution Under Control Certificate

Authorised By :
Government of West Bengal

Date : 10/07/2023
Time : 12:59:08 PM
Validity upto : 09/07/2024



Certificate SL. No. : WB05300590005951
Registration No. : WB40AM0905
Date of Registration : 21/Feb/2019
Month & Year of Manufacturing : December-2018
Valid Mobile Number : *****5594
Emission Norms : BHARAT STAGE IV
Fuel : PETROL
PUC Code : WB0530059
GSTIN :
Fees : Rs.100.00
(GST to be paid extra as applicable)
MIL observation : No

Vehicle Photo with Registration plate
60 mm x 30 mm



Sr. No.	Pollutant (as applicable)	Units (as applicable)	Emission limits	Measured Value (upto 2 decimal places)
1	2	3	4	5
Idling Emissions	Carbon Monoxide (CO)	percentage (%)	0.3	0.04
	Hydrocarbon, (THC/HC)	ppm	200.0	200.0
High idling emissions	CO	percentage (%)	0.2	0.0
	RPM	RPM	2500 ± 200	2456.0
	Lambda	-	1 ± 0.03	0.97
Smoke Density	Light absorption coefficient	1/metre		

This PUC certificate is system generated through the national register of motor vehicles and does not require any signature.

Note : 1. Vehicle owners to link their mobile numbers to registered vehicle by logging to <https://puc.parivahan.gov.in>

Authorised Signature with stamp of PUC operator
60mm x 20 mm

ANNEXURE - VII



LEXUS MOTORS LIMITED

TATA MOTORS

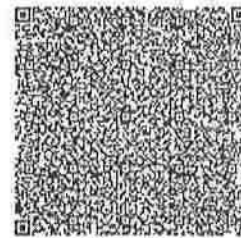
Passenger Car Dealer

TAX INVOICE

Issued Under GST Invoice Rules

Original : For Recipient
Duplicate : For Transporter
Tripplicate : For Supplier

IRN:9caf686e9c21239b08f50e1a15a8894b337f37561a0e37ee6f7ac8efea5d599
IRN Ack No:182211237305610
IRN Ack Date:07/01/2022



To
KEJRIWAL CASTINGS LIMITED

Date: 07/01/2022 06:33:53 PM

11TH FLOOR , ROOM NO-11, CHATTERJEE INTERNATIONAL CENTER
33A CHOWRINGHEE ROAD
CHOWRINGHEE NORTH KOLKATA KOLKATA
West Bengal(19) India.
Pin - 700071
A/C Code : 5-1Y0FA7N7
Place of Supply : WB

CRN : CR01-22-5153851622451
Invoice no : ILMBA2122001415

Customer P.O. No - Date :
Transaction no :5-1Y0FA7NE
Order No :SO-LexusM-2122-000846
Delivery at : Showroom
HP / HPA / LEASE / SELF LEASE'

Hypothecation :PUNJAB NATIONAL BANK

Customer PAN : AACCK7422R
Customer GSTIN : 19AACCK7422R1ZW
Billing Address:
11TH FLOOR , ROOM NO-11, CHATTERJEE INTERNATIONAL CENTER
33A CHOWRINGHEE ROAD
CHOWRINGHEE NORTH, KOLKATA, KOLKATA
WB, India
Pin - 700071

Dealer PAN : AAACL5356K
Dealer GSTIN : 19AAACL5356K1Z6
Shipping Address:
11TH FLOOR , ROOM NO-11, CHATTERJEE
INTERNATIONAL CENTER
33A CHOWRINGHEE ROAD
CHOWRINGHEE NORTH, KOLKATA, KOLKATA
WB, India
Pin - 700071

Particulars	Qty	Unit Price (Rs.)	Amount (Rs.)
Product Code (51231325AJUR) - HSN(8703.80.30)TATA NEXON EV XZ+ LUX DK with Electric Power Train, Battery : Lithium Ion battery, Battery Capacity : 30.2KWh, EPAS, 4 nos. of Alloy Wheel Rims and 1 no. of Steel Wheel Rim & Tyre size 215/60R16, 2498 mm Wheel Base, Seating Capacity- Driver +4,FATC, Power Window Winder-All Doors with remote & auto lock feature, eABS, telematics, 7" TFT Instrument Cluster with 7" Infotainment, Driver & Passenger Airbag, Rear park assist, Auto Headlamp & Wipers, Sun-roof, Leatherette seats, Leatherette Door Trim, Leatherette Arm rest on Console, Onyx Black Body color.	1	1,604,762.00	1,604,762.00
Concession :			3,809.62
Unit Price After Concession :			1,600,952.38
SGST@2.5%:			40023.80952
CGST@2.5%:			40023.80952
Total tax :			80,047.62
Gross Total :			1,681,000.00
Adjustment Amount :			0.00
TCS Amount :			16,810.00
Grand Total :			1,697,810.00
Rupees Sixteen Lakh Ninety Seven Thousand Eight Hundred Ten only.			
Color: BLACK_ONYX	Chassis no : MAT635011MPPS8742	Motor No : TZ230XS58FJ21080387	
Battery Number1 QDT635801221009547			

Tax Payable under Reverse Charge - No

CIN : U63011WB1991PLC051805, G.S.T. No. : 19AAACL5356K1Z6

Corporate Office : Plot No HD/13 Action Area, II D Major Artel Raod, New Town Rajarhat, Kolkata- 700 156 Rajarhat

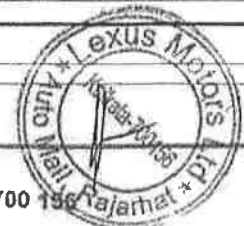
Phone : (033) 4080 4500, Web : www.lexusmotors.in

Register Office : 209, A.J.C. Bose Road, Kolkata- 700 017, Phone : 4000 6601, Fax : 4000 6606, Web : www.lexusmotors.in

Branch : Molnagudi, Barasat, 24 Parganas (N), Phone : 4011 5500, Fax : 4011 5529

Branch : Durgapur High Road, Ghanshyampur More, Singur, Hooghly- 712 409, Phone : 03212 268786, Fax : 03212 268882

This should not be acknowledged as a Financial / Monetary receipt





Kejriwal
CASTINGS LIMITED



PURCHASE ORDER

Document No : KCL-PUR-05

Vendor
TERRA GREEN TECHNOLOGIES (DGP)
25 RASTRAGURU AVENUE
KOLKATA - 700 028

PO No KCL/PO/DGP/0603/20-21
Date ~~25 Sept 20~~
Amd.Date
Offer No
Offer Date

Telephone 9831026465
Fax
Email tapotany@terra-green.in
GSTIN No 19AALFT5225H1ZW


GSTIN No 19AACCK7422R1ZW
I.T. PAN No. AACCK7422R
CIN No U27310WB2005PLC103224

Delivery Point **Bamunara Industrial Estate, Bamunara, Durgapur-713212 (W.B)**

With reference to your above mentioned reference no. we are pleased to issue this Purchase Order for the supply of the following items as per the indicated terms & conditions. Kindly acknowledge the receipt and confirm your acceptance of the same within 7 days, failing which it will be treated as acceptable.

Sr No	Item Code	Item Description	Quantity	UOM	Unit Rate ₹	Value ₹
-------	-----------	------------------	----------	-----	-------------	---------

Yours Faithfully,
For Kejriwal Castings Limited


Sudipta Bhattacharjee
(Prepared By)

APPROVED
Date: 30-Dec-20

Rajeev Kejriwal
Director
(Approved By)

Last Update

Primo	Sudipta Bhattacharjee	30-Dec-20 01:44:40 PM
Detalla	Sudipta Bhattacharjee	30-Dec-20 01:45:54 PM

Order Acknowledgement Confirmed by supplier:
(Through Mail / Fax / Hand)

Office Address :

33A Chowringhee Road, Chatterjee International Centre, 11th Floor, Suit Nos 1, 5, 8 & 11
Kolkata - 700071, West Bengal, India. Contact No. 033-2226-2312/13/3145. FAX No. 033-2226-2314
Email : info@kejriwalcastings.com. Website : www.kejriwalcastings.com

Factory Address :

Bamunara Industrial Estate, Bamunara, Durgapur-713212 (W.B)





Kejriwal CASTINGS LIMITED



PURCHASE ORDER

Document No - KCL-PUR-05

Vendor TERRA GREEN TECHNOLOGIES (DGP) 35, RASTRAGURU AVENUE KOLKATA - 700 028 Telephone : 9831025455 Fax : Email : tapotaney@terra-green.in GSTIN No : 19AALPT5225H1ZW	PO No : KCL/PO/DGP/0603/20-21 Date : 28-Sep-20 Amtd Date Offer No Offer Date
	GSTIN No : 19AACCK7422R1ZW I.T. PAN No. : AACCK7422R CIN No : U27310WB2005PLC103224

Delivery Point : Bamunara Industrial Estate, Bamunara, Durgapur-713212 (W.B)

With reference to your above mentioned reference no. we are pleased to issue this Purchase Order for the supply of the following items as per the indicated terms & conditions. Kindly acknowledge the receipt and confirm your acceptance of the same within 7 days, failing which it will be treated as acceptable.

Sr No	Item Code	Item Description	Quantity	UOM	Unit Rate ₹	Value ₹
1	DGP-1055507	24 x 7 Continuous Emission Monitoring System	1.000	Set	1,660,000.00	₹ 1,660,000.00
(Scope of Supply & Other Details as per Annexure - 1)					Delivery Date:	28-Feb-21
Total :						₹ 1,660,000.00

Rupees Sixteen Lac Sixty Thousand - Only

TERMS AND CONDITIONS

Price Basis	FOR Destination	CGST	9%
P And F	Included in the above Price	SGST	3%
Freight	Free delivery at our works	IGST	
Transportation	Free Delivery	CESS	
Insurance	Transit Insurance will be arranged by you at your cost	Scope of Insp	As per Annexure - 1
Payment Terms	As per Annexure - 1		
Guarantee	As per Annexure - 1		
Delivery Terms	As per Annexure - 1		
Test Certificate	Manufacturing Test Certificate should be send to us along with the Invoice		
Notes			

Office Address :
 33A Chowringhee Road, Chatterjee International Centre, 11th Floor, Suit No: 1, 5, 8 & 11
 Kolkata - 700071, West Bengal, India. Contact No. 033-2226-2312/13/3145, FAX No. 033-2226-2314
 Email : info@kejriwalcastings.com . Website : www.kejriwalcastings.com
Factory Address :
 Bamunara Industrial Estate, Bamunara, Durgapur-713212 (W.B)



Note : Erection & Commissioning Free of Cost, KCL will provide Fooding & Lodging for your 3 – 4 person free of cost.

2.0 DELIVERY:

Within 60 day from the date of P.O.

3.0 TAX AND DUTIES:

The above price is Exclusive of GST. 18% GST will be paid by us extra.

4.0 PACKING:

Packing & Forwarding charges inclusive in the above price.

5.0 TRANSPORTATION:

FOR to our DGP works. Materials should be delivered in our Plant at Bamunara, Durgapur, West Bengal.

6.0 TRANSIT INSURANCE:

Shall be arranged by you at your cost. Necessary despatch particulars shall be furnished to us well in advance.

7.0 INSPECTION & TESTING:

Value Cap shall offer for inspection to KCL as per the inspection and Test Plan to be given by KCL. No HOLD points are envisaged during the execution of contract.

Final inspection shall be carried out by our Engineer/authorised inspection agency. You shall give us at least 07 days notice to depute our Engineer for inspection. All TC/GC, Test Certificates must be enclosed with the inspection offer. You shall provide necessary arrangement and assistance for inspection at your Works.

8.0 PAYMENT TERMS:

8.1 30% advance along with PO.

8.2 60% payment will be made against submission of Proforma Invoice before despatch after inspection and despatch clearance by KCL.

8.3 Balance 10% will be paid after successful commissioning.

9.0 DESPATCH INSTRUCTIONS:

All the equipment and components shall be dispatched to the following address:

Detailed delivery address : Kejriwal Castings Limited
Bamunara Industrial Estate
Bamunara
Durgapur – 713 212
West Bengal

Contact Person : Mr. Suresh Gorre

Phone No. : 08597289737.

10.0 GUARANTEE AND WARRANTY:

The equipment covered under this contract is guaranteed for satisfactory operation for a period of 18 months from the date of supply or 12 months from the date of commissioning whichever is earlier.

Ref: KCL\PO\DGP\0603\20-21

Date: 29 Sep 20

1.0 SCOPE OF SUPPLY & Technical Specification:

S.No	Item description	Make	Qty
1.	DUST MONITOR		
	24 X 7 Continuous Emission Monitoring System at Process Stacks (TUV with QAL 1 Certified) Certificate according to EN 15267-3, COMPLIANT WITH US EPA 40 CFR 60 PS1 and ASTM 5216 DIGITAL MODBUS interface according to VDI 4701-3, COMPATIBLE with Universal display and control unit D-ISC 100	DR0290	1 Set
2	PCB CONNECTIVITY connecting 4 nos Dust Monitors	DR0220	1 Set
2.1	LL102055PPN Logic Ladder STD-V2.03.00.0(C) IOT Cloud Connector for Europe & Asia Operation, Model v2.03.00.0 Network supported 2 x GPRS/LAN carrier:LTE cat1, serial interface 1xRS485, 1xRS232, IOS: None, Enclosure: IP 66, Power Supply:SMPS Industrial		1 Set
2.2	LL1015999PPN Envirologic IO Software Platform-Basic Plan, Supports upto 4 parameters The system is compliant with CPCB, NEW DELHI DIRECTIVES OF REMOTE DATA MONITORING BY THE INDUSTRIES with required features as per guidelines The data storage is available for 5 years and can easily be extended to 20 years if required on chargeable basis		1 Set
2.3	LL101916PPN SOFTWARE & IT service SPCB connectivity		1 Set
	OPTIONAL ACCESSORIES		
A	Fall-Safe Shutter Unit This is required if the temperature of flue gas is 250 deg C or above		
B	Signal Cable		
C	Power Cable		
	LEAKAGE DETECTION and mechanical bag cleaning facilities		
Note			
1	All dust monitors will be connected with data logger with RS485		
2	Erection and Cable laying are in our scope		
3	KCL will provide UPS power supply to data logger		
4	KCL will provide Power supply to instruments		
5	KCL will provide either Internet LAN or 4G sim to data logger, monthly charges and software annual renewal at KCL scope		

11.0 AFTER SALES SERVICE:

You shall provide after sales service for any defect in materials/workmanship within the guarantee period and attend to the same free of cost at KCL Site.

12.0 PERFORMANCE GUARANTEE:

Performance Guarantee parameters for equipment shall be achieved as per the Technical Specification.

13.0 SUPERVISION OF ERECTION & COMMISSIONING:

Supervision of Erection, Commissioning & Testing Free of Cost for 07 Days. You shall depute your Engineers(s) at KCL-Durgapur Site within 03 days on information from KCL.

14.0 LIQUIDATED DAMAGES (LD):

14.1 FOR DELAY IN DELIVERY:

In case of delay in delivery, for reasons attributable to supplier, Rhino will pay liquidated damages @ 0.5% of ex-works value of this contract, per week of delay, but not exceeding 5% of the ex-works value of the equipment. However, 05 days grace period may be allowed on the delivery period as a special case.

14.2 FOR NON-FULFILMENT OF P.G.:

The designated capacity of the equipment for treatment as per P.O. Specifications. Liquidated damages @ 1% of the contract value shall be recovered for every 1% shortfall in the designed capacity for treatment pouring subject to a maximum of 5% of the contract value. If the capacity of the equipment falls short of 95% of the designed capacity, the equipment will be modified to achieve rated capacity free of cost by Value Cap.

15.0 DISPUTES & ARBITRATION:

All disputes or difference whatsoever arising between us and yourselves in connection with the contract, which cannot be settled through mutual negotiations in good faith, either of us may give the other notice in writing of the existence of such question, dispute or difference. The same shall be settled in accordance with the provisions of Indian Arbitration Act. The arbitrator shall be a person qualified to be appointed as an arbitrator, under the provision. The award of the arbitrator shall be final and binding on the parties and the persons claiming under them. Work under the contract shall continue, so far as may be reasonably practical, during the arbitration proceedings, and no payments which may or shall become due shall be withheld on account of such proceedings. The venue for arbitration shall be Kolkata.

16.0 DEVIATION:

Any deviation of the above terms and conditions shall not be valid unless expressly made in writing.

Please sign and return the duplicate copy of this P.O. as a token of your acceptance of the above terms & conditions.

From: SABUJ SOLAR [mailto:sabuj solar.ind@gmail.com]
Sent: 20 November 2020 17:19
To: Pravin Agarwal <pravin@kejriwalcastings.com>
Cc: Siddharth Sourabh <siddharth.sourabh1@tatapower.com>; Sanyal Kaushik <kaushik.sanyal@tatapower.com>; Sandeep Kejriwal <sandeep@kejriwalcastings.com>
Subject: Re: SUMMARIZED TERM SHEET FOR PROPOSED POWER PURCHASE AGREEMENT WITH THE TATA POWER RENEWABLE ENERGY LTD.

SSU-Q/2020-21/RTOP/MNR/239/PPA dated 20.11.2020

Mr. Pravin Agarwal,

EA to MD

**Kejriwal Castings Ltd.,
Chatterjee International,
33A, Chowringhee Road,
Kolkata 700071.**

Dear Sir,

In continuation of our previous communications regarding proposal for solar power system under PPA model for your Durgapur unit, we are pleased to inform you that the proposal has been finalized, broad parameters being as under:

1. Capacity of Solar Power System : **1300.00 KWp approx.**
2. Tariff Rate per Unit of power generated : **Rs.3.80p.**
3. Escalation per year : **Nil.**
4. Tenure of PPA : **25 years.**
5. Location of site: **Durgapur, West Bengal.**

We would request your early confirmation to the above, based on which approval of Board shall have to be obtained before signing of contract followed by execution of the same at an early date.

Please also confirm that the draft PPA and BG formats have been approved from your end.

Thanking you,

for SABUJ SOLAR UDYOG PVT.LTD.

Sudipta Som, FCMA

DIRECTOR

SABUJ SOLAR UDYOG PVT.LTD.

Authorised Dealer: TATA Power Solar Systems Ltd.

Mobile: 9007161996, 9831438482

cc:

Mr. Kaushik Sanyal,

Head - BD & Growth (Renewables)

The Tata Power Co. Ltd.

Mr. Siddharth Saurav,

Manager-Sales

Tata Power Solar Systems Ltd.1

On Thu, 19 Nov 2020 at 11:36, SABUJ SOLAR <sabujsolar.ind@gmail.com> wrote:

SSU-Q/2020-21/RTOP/MNR/239/PPA dated 18.11.2020

Mr. Pravin Agarwal,

EA to MD

Kejriwal Castings Ltd.
Chatterjee International,
33A, Chowringhee Road,

Kolkata 700071.

Dear Sir,

In continuation of our previous communications regarding proposal for solar power system under PPA model for your Durgapur unit, we are pleased to inform you that the proposal has been finalized, broad parameters being as under:

1. Capacity of Solar Power System : **1215.30KWp** (Array Layout Drawing attached).
2. Tariff Rate per Unit of power generated : **Rs.3.80p.**
3. Escalation per year : **Nil.**
4. Tenure of PPA : **25 years.**
5. Location of site: **Durgapur, West Bengal.**

We would request your early confirmation and a fresh LOI of the above, based on which approval of Board shall have to be obtained before signing of contract followed by execution of the same at an early date.

Draft PPA and BG formats sent to you have been earlier approved from your end.

Thanking you,

for SABUJ SOLAR UDYOG PVT.LTD.

Sudipta Som, FCMA

DIRECTOR

SABUJ SOLAR UDYOG PVT.LTD.

Authorised Dealer: TATA Power Solar Systems Ltd.

Mobile: 9007161996, 9831438482

CC:

capacity shall reduce.

Decrease in tenure of PPA from 25 to 20 years shall obviously lead to increase in tariff. However, we reiterate that after end of tenure, ownership shall be handed over to you at token price of Re.1.

Net metering system is an agreement, both for Capex and Opex cases, between Discom customer and Discom (WBSEDCL) unrelated to contract between solar system supplier and customer.

For net metering, consumer has to give intimation to Discom for installing on-grid rooftop solar power system. After installation and commissioning of system, formal application for net meter to be submitted along with technical documents and a standard agreement. Thereafter dual meter shall get installed.

The entire methodology is given lucidly in WBSEDCL website, documents also being enclosed for your easy reference.

B) Draft copies of the Power Purchase Agreement is enclosed for your perusal. For clarifications, kindly give us a call.

Looking forward to fast closure of deal, *specially in face of stiff upward rise of solar module prices since one week or so.*

Warm regards,

Sudipta Som, FCMA

DIRECTOR

SABUJ SOLAR UDYOG PVT.LTD.

Authorised Dealer: TATA Power Solar Systems Ltd.

Mobile: 9007161996 / 9831438482

Cc:

Mr. Kaushik Sanyal,

Head - BD & Growth (Renewables)

The Tata Power Co. Ltd.

Mr. Siddharth Saurav,

Manager-Sales

Tata Power Solar Systems Ltd.

On Mon, 2 Nov 2020 at 18:19, Pravin Agarwal <pravin@kejriwalcastings.com> wrote:

Dear Sir,

We have gone through your term sheet and have concluded with following points

- 1) We request you to reduce the rate to 3.55 per unit
- 2) Please bring down the contract term to 20 years in place of 25 years.

Mr. Kaushik Sanyal,

Head - BD & Growth (Renewables)

The Tata Power Co. Ltd.

Mr. Siddharth Saurav,

Manager-Sales

Tata Power Solar Systems Ltd.

On Fri, 6 Nov 2020 at 18:29, Pravin Agarwal <pravin@kejriwalcastings.com> wrote:

Dear Sir,

We are ok with the rate of 3.80 and we want to go with the module having the capacity of 445wp.

We are ok with the draft agreement. Please proceed

Thanks

Pravin Agarwal

EA To Director

 **Description: Description: cid:image001.jpg@01CDD935.10B1E340**

Kejriwal Group

From: SABUJ SOLAR [mailto:sabuj solar.ind@gmail.com]

Sent: 03 November 2020 13:59

To: Pravin Agarwal <pravin@kejriwalcastings.com>

Cc: Siddharth Sourabh <siddharth.sourabh1@tatapower.com>; Sanyal Kaushik <kaushik.sanyal@tatapower.com>; Sandeep Kejriwal <sandeep@kejriwalcastings.com>

Subject: Re: SUMMARIZED TERM SHEET FOR PROPOSED POWER PURCHASE AGREEMENT WITH THE TATA POWER RENEWABLE ENERGY LTD.

Dear Mr. Agarwal,

A) We have gone thru' your mail and discussed it point by point. As it stands, it is extremely difficult to further reduce the tariff from Rs.3.80 which was a result of protracted efforts as Mr Sanyal had assured special rates for Durgapur to Mr Kejriwal on the assumption of 3MW system capacity, whereas space available barely allows 1MW capacity.

Further, our offer is based on higher capacity (445Wp) imported modules *prices of which have now already increased by 20%+ over last week.* Alternately we can go for 330Wp-335Wp modules in which case total

Gmail - FW: SUMMARIZED TERM SHEET FOR PROPOSED POWER PURCHASE AGREEMENT WITH THE TATA POWER RENE...
and accessories.

While major clauses of the proposed agreement have been incorporated in the Term Sheet, the proposal is subject to final approval by the commercial risk committee of the board.

Chamrail Unit: Protracted technical discussions have taken place at various levels of engineering section based on inputs from senior engineer who visited the plant. Main constraints to MW level Solar Power System considered as follows:

1. Excessive heat from furnaces and comparatively low height of sheds liable to cause heating of modules leading to rapid degradation.
2. Dust from the furnace related activities shall heavily pollute modules on top of furnace shed.
3. Adjacent sheds, specifically shot-blasting and machining, are strongly recommended for structural testing as they are additionally burdened with EOT Cranes and loads. Impact of further module+structure load of approx. 20Kg / sq meter needs to be factored. Availability of structural drawings might have helped assessment to some extent.

Non-utilisation of the above sheds shall limit solar power system capacity to maximum 350-400 KWp suitable for your LT consumption only. TATA Power Solar generally goes for Capex model only for such capacities and shall be pleased to proceed if you so decide.

Hope you shall find the above proper and give us the go ahead for next action towards early closure of the same.

Thanking you,

for SABUJ SOLAR UDYOG PVT.LTD.

Sudipta Som, FCMA

DIRECTOR

SABUJ SOLAR UDYOG PVT.LTD.

Authorised Dealer: TATA Power Solar Systems Ltd.

Mobile: 9007161996, 9831438482

cc:

Mr. Kaushik Sanyal,

Head - BD & Growth (Renewables)

The Tata Power Co. Ltd.

Mr. Siddharth Saurav,

Manager-Sales

Tata Power Solar Systems Ltd.

- 3) After 20 years the asset will automatically transferred to us
- 4) The net metering system is not mention anywhere in the term sheet. Can you please elaborate what will be the process to have net metering system in our premises. As on Sunday we may not use the generation and the same should be transferred to the grid.

Request you to kindly clear the above points and send us the draft agreement for further process.

Thanks

Pravin Agarwal

EA To Director

 **Description: Description: cid:image001.jpg@01CDD935.10B1E340**

Kejriwal Group

From: SABUJ SOLAR [mailto:sabujsolar.ind@gmail.com]

Sent: 16 October 2020 11:57

To: Pravin Agarwal <pravin@kejriwalcastings.com>

Cc: Siddharth Sourabh <siddharth.sourabh1@tatapower.com>; Sanyal Kaushik <kaushik.sanyal@tatapower.com>

Subject: SUMMARIZED TERM SHEET FOR PROPOSED POWER PURCHASE AGREEMENT WITH THE TATA POWER RENEWABLE ENERGY LTD.

SSU-Q/2020-21/RTOP/MNR/239/PPA dated 15.10.2020

Mr. Sandeep Kejriwal,

MANAGING DIRECTOR

**Kejriwal Castings Ltd.
Chatterjee International,
33A, Chowringhee Road,**

Kolkata 700071.

Dear Sir,

In continuation of our previous communications vis-a-vis proposal for solar power systems, we have pleasure in submitting outcome of fresh studies of the two units as follows:

Durgapur Unit: As decided, we have been working on the **Power Purchase Agreement for 1000 KWp** for your Durgapur unit, and are pleased to submit our summarized Term Sheet of Power Purchase Agreement for your study and scrutiny prior to agreement being finalized to the mutual satisfaction of detailed terms and conditions.

The above capacity is subject to minor alterations on freezing of final design which is under process. Further, tariff proposed is subject to change upon levy of fresh Import Duty, if any, on components

ANNEXURE - VIII

(2)

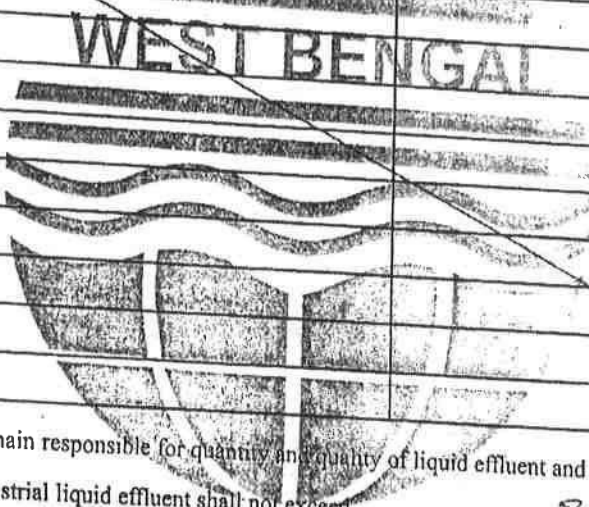
ANNEXURE

Consent to Kejriwal Castings Limited
for its unit at Bamunara Industrial Area, Gopalpur,
P.O - Bamunara, P.S - Kemissa, Paschim Bardhaman-
713212

Conditions :

01. This Consent is valid for the manufacture of :-

Sl. No.	Name of major products and by-products	Quantity manufactured per month
01	DI Castings & Pipe	4050 MT
02		
03		
04		
05		
06		
07		
08		
09		
10		
11		
12		



- 02. The Applicant shall remain responsible for quantity and quality of liquid effluent and air emissions.
- 03. Daily discharge of industrial liquid effluent shall not exceed 3.00 KL.
- 04. Daily discharge of domestic liquid effluent shall not exceed 12.00 KL.
- 05. Daily discharge of mixed (industrial & domestic) liquid effluent shall not exceed N/A KL.
- 06. The Applicant shall discharge liquid effluent to * Industrial - ETP to CMIL and Domestic - septic tank to soak pit through 02 (two) nos. outlets / outfalls. (place of discharge) outside
- 07. To bring into any altered or new outlet/outfall or to change the place of discharge, the Applicant shall have to inform the Board and obtain prior permission of the Board in this effect.
- 08. The Applicant shall provide comprehensive facility for treatment of industrial liquid waste and domestic liquid waste (sewage, sullage and liquid effluent generated from canteen), and operate and maintain the same continuously so that the quality of final effluent conforms to the Standard as given in Table-I in page 03.

(Member Secretary/Chief Engr. / Sr. Env. Engr. / Env. Engr. / Assistant Engineer Environmental Engr.)

Key
11/1/2000

Durgapur Region
Continued.....

WEST BENGAL POLLUTION CONTROL BOARD



'Parthesh Bhawan'
Bldg. No. - 10A, Block - LA, Sector-III
Salt Lake City, Kolkata-700 098

[Renewal]

Consent Letter Number : C0123383

Memo Number : 124-7/WPBD-Cont(2604)/05.

Date : 01/02/2022

Consent to Operate

under

Section 25 & 26 of the Water (Prevention and Control of Pollution) Act, 1974 and
Section 21 of the Air (Prevention and Control of Pollution) Act, 1981

The West Bengal Pollution Control Board (hereinafter referred to as State Board) under the provisions of Section 25 & 26 of the Water (Prevention and Control of Pollution) Act, 1974, as amended and Section 21 of the Air (Prevention and Control of Pollution) Act, 1981, as amended and Rules and Orders made thereunder, hereby grants its consent to :

Kejriwal Cement Works
WEST BENGAL
.....
..... (Address of Regd. office/Head/Office/City Office)

(hereinafter referred to as Applicant) for its unit located at Bamunara Industrial Area,
Gopalpur, P.O - Bamunara, P.S - Kankra,
Poachim Bardhaman - 713212

..... (Detailed address of the manufacturing unit)
for a period from date of issue to 31/12/2026

to operate the industrial unit and to discharge liquid effluent and to emit gaseous effluent from the premises/land of the industrial unit, in accordance with the conditions as mentioned in the Annexure to this consent letter provided on any day at any instance the quantity and quality of liquid discharge and gaseous emission shall not exceed the permissible limit as specified in the Table I & II of this consent letter and in the Environmental (Protection) Act, 1986.

Breach of the conditions and / or failure to comply with the directions as set out in the Annexure shall render the applicant liable for prosecution under the provisions of the Water (Prevention and Control of Pollution) Act, 1974 and Air (Prevention and Control of Pollution) Act, 1981.

The State Board reserve the right to revoke, withdraw or make any reasonable variation / change / alter the conditions of this consent letter giving one month's notice to the applicant.



For and on behalf of the State Board

(Member Secretary/Chief-Engr./ Sr. Env. Engr. / Env. Engr.)

Sk. Joydip
1/1/2022
Environmental Engineer
Durgapur Region
West Bengal Pollution Control Board

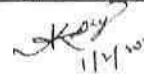
(4)

Consent to Kajriwal Castings Limited
for its unit at Bamunara Industrial Area, Gopalpur,
P.O - Bamunara, P.S - Kanksa, Paschim Bardhaman - 713212

11. The Applicant shall install suitable device for measuring the volume of water consumed for different purposes as mentioned above giving correct result to the satisfaction of the State Board.
12. All the stacks connected to various sources of emissions must be designated by numbers such as S-1, S-2, S-3, etc., and this must be painted/displayed to facilitate identification.
13. The Applicant shall install comprehensive control system consisting of pollution control equipment as is warranted with reference to generation of air emissions and operate and maintain the same continuously so as to achieve the level of pollutants of the Standard as given in Table-II below :

Table-II

Stack No.	Stack height from G.I., (in mts.)	Stack attached to (sources and control system, if any);	Volume Nm ³ /hr.	Velocity of gas emission m/sec	Concentrations of parameters not to exceed				Frequency of emission sampling
					SPM (mg/Nm ³)	CO (%v/v)			
S-1									
S-2									
S-3									
S-4									
S-5									
S-6					P.P. see Annexure I				
S-7									
S-8									
S-9									
S-10									


 11/4/2008
 (Member Secretary/Chief Engr./ Sr. Env. Engr. / Env. Engr. / Asst. Engr. / Environmental Engr.)
 Durgapur Region
 Continued.....

(6)

Consent to Kejriwal Coatings Limited
for its unit at Bamunara Industrial Area, Gopalpur P.O - Bamunara
P.S - Konksa, Paschim Bardhaman - 713212

24. The Applicant shall maintain a separate register showing consumption of chemicals used in pollution control systems.
25. The Applicant shall get the samples of hazardous wastes/leachates analysed at least once in from the laboratory recognised of the West Bengal Pollution Control Board and ensure that they conform to the limits stipulated. Test reports shall be sent to the Board.
26. The Applicant shall provide adequate and safe facility for collection of air, waste water and solid waste samples by the State Board's staff as well as State Board's authorised agencies.
27. The Applicant shall submit to the State Board by the 30th September of every year the Environmental Statement Report for the financial year ending 31st March of the current year in the prescribed form (Form -V) as required under the provisions of rule 14 of the Environment (Protection) [Second Amendment] rules, 1992.
28. The Applicant shall allow the Officers of the State Board to enter into the applicant's premises at any reasonable time to inspect the pollution control systems as well as monitoring and measuring devices in connection with prevention & control of pollution.
29. The Applicant shall maintain an Inspection Book in the factory premises which shall be made available to Officers & employees of the State Board for inspection, review and to write down any direction or observation as is deemed necessary during the inspection from time to time.
30. The Application shall furnish to the State Board all information in respect of quality, quantity, rate of discharge, place of discharge of liquid effluent and air emissions.
31. The Applicant shall maintain adequate number of qualified and trained personnel among his staff for proper maintenance and operation of the effluent treatment and / or emission control devices and for overall environment management of the industry.
32. The Applicant shall have to make registration for the use of groundwater if any, with Central Ground Water Authority.
33. The Applicant shall intimate to the State Board immediately of any occurrence or apprehension of occurrence of discharge of any poisonous, noxious or pollutants in excess of quality as well as quality as mentioned earlier to any receiving water body/receiving system or to atmosphere owing to accident or other unforeseen incident/event including natural disaster. The Applicant shall (i) take all steps adequate to prevent such accident discharge/release of poisonous, noxious or pollutants and to limit their consequences to persons and the environment, (ii) provide to the persons working on the site with the information, training and equipment including antidotes necessary to ensure their safety and mitigate the accidental release of poisonous noxious or pollutants to the environment.
34. The Applicant shall make an application to the State Board in the prescribed form for renewal of the consent at least 60 (sixty) days before the date of expiry of this Consent.
35. The Applicant shall not make any alternation/modification/expansion in the existing manufacturing process and equipment as well as the pollution control system without prior approval of the Board.
36. The Applicant shall comply with the conditions as laid down in the Manufacture, Storage and Import of hazardous Chemicals Rules, 1989 and Hazardous Wastes (Management & Handling) Rules, 1989.

Additional Conditions P.P. see Annexure II

Key
11/1/2000
(Member Secretary/Chief Engr./ Sr. Env. Engr. / Env. Engineer / Environmental Engineer / Environmental Engineer)
Directorate of Pollution Control

consent to Reginald Coatings Limited
for its unit at Bamunara Industrial Area, Gopalpur, P.O. Bamunara,
P.S. Kanksa, Paschim Bardhaman - 713212

14. The Applicant shall provide ports in the stack(s) and other necessary permanent facilities such as ladder, platform, etc. for monitoring/sampling the air emissions and the same shall be made available for inspection and use by the State Board's staff as well as State Board's authorized agencies.

15. The Applicant shall observe the following fuel consumption pattern :-

Sl. No	Type of fuel	Quantity consumed per-day	Fuel burning operation where the fuel is used
01	CBM	18000 m ³ /year	Annealing Furnace.
02	HSD	-	Dh set.
03			
04			
05			

16. The Applicant shall maintain the generation and treatment/disposal of non-hazardous solid waste as specified below :-

Type of waste	Quantity	Treatment	Disposal
① Slag Lump	120 MT/Month	=	To be disposed off in Environmentally safe manner
② Dust of APD	1.5 MT/Month	=	(Sl. 1 to 3)
③ ETP Sludge	4.5 MT/Month	=	
④ Zinc dust	130 kg/day	=	To be disposed off through
⑤ Bitumen/Contaminated (solids)	1.5 mt/day	=	CEATEDEFA authorized

17. The Applicant shall take adequate measures for control of noise levels from its own sources within the premises within the limit given below :-

Time	Limit in dB(A) L _{eq}
Day Time (06 a.m. to 10 p.m.)	65
Night Time (10 p.m. to 06 a.m.)	55

To be disposed off through
CEATEDEFA authorized
reprocessor
is applicable
(Sl. 4 to 6)

- 18. The Applicant shall at all times maintain good house-keeping, proper working order, and operate efficiently for control of pollution from all sources so as not to cause nuisance to surrounding areas/inhabitants and to achieve compliance with the terms and conditions of the consent.
- 19. The Applicant shall bring about at least 33% of the available open land under the green coverage / plantation.
- 20. The Applicant shall provide for an alternate electric power source sufficient to operate all pollution control facilities installed by the Applicant to maintain compliance with the terms and conditions of the consent. In absence of such an alternate electric power source, the Applicant shall stop, reduce or otherwise control production to abide by the terms and conditions of the Consent regarding pollution level.
- 21. The Applicant shall install a separate energy meter showing the consumption of energy for operation of pollution control devices.
- 22. The Applicant shall ensure that fugitive emissions from the activity are controlled so as to maintain clean and safe environment in and around the factory premises.
- 23. The Applicant shall provide drainage system for conveying industrial and domestic liquid waste. Storm-water drain shall be kept separate from the drainage system meant for industrial and domestic liquid waste

(Member-Secretary/Chief-Engr./ Sr. Env. Engr. / Env. Engr. / Asst. Engineer)

Key 11/2/2011
Environmental Engineer
Durgapur Regional Office
West Bengal Pollution Control Board
Continued..... 1972

ADDITIONAL CONDITIONS

Annexure II of Consent to Operate Sl. No. CO123383 of M/s. Kejriwal Castings Limited, located at Bamunara Industrial Area, Gopalpur, P. O. Bamunara, P. S. Kankoa, Paschim Bardhaman- 713212

1. 'Hazardous Waste Authorization' should be obtained from the State Board immediately as per the Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 and its amendment thereafter.
2. Due water cess, if any, should be paid immediately.
3. This Consent may be revoked subject to valid public complaint for violation of environmental norms.



Environmental Engineer
Durgapur Regional Office
West Bengal Pollution Control Board

Environmental Engineer
Durgapur Regional Office
West Bengal Pollution Control Board

Annexure I of Consent to Operate Sl. No. CO123383 of M/s. Kejriwal Castings Limited, located at Bamunara Industrial Area, Gopalpur, P. O- Bamunara, P. S- Kanksa, Paschim Bardhaman- 713212

Stack No.	Stack ht. from G. L In mt.	Stack attached to (sources and control system, if any):	Volume Nm ³ /hr.	Velocity of gas emission m/sec	Concentrations of parameters not to exceed			Frequency of sampling
					SPM (mg/Nm ³)	CO (% v/v)		
1	30m (Common)	Induction Furnaces (4 x 4MT/batch each) along with sintering cum holding twin share panel, [5nos. 4Ton capacity crucible complete with all accessories equipped with separate swiveling hood and common bag filter with common stack]	-	-	45	-	-	Quarterly
2	30m	Annealing Furnace (CBM fired) with stack	-	-	50	-	-	Quarterly
3	30m	Magnesium Converter with APCD- Bag Filter & stack	-	-	50	-	-	Quarterly
4	30m	Zinc Spray Station with APCD- Bag Filter & stack	-	-	50	-	-	Quarterly
5	30m	Paint Spray Machine with APCD- Hepafilter and stack	-	-	50	-	-	Quarterly
6	7m	1 x 400KVA D. G set	-	-	150	1	-	Quarterly

Key
11/2/2022
Environmental Engineer
Durgapur Regional Office
West Bengal Pollution Control Board

Environmental Engineer
Durgapur Regional Office
West Bengal Pollution Control Board

IC NO159450

You shall comply with

- (i) Water (Prevention and Control of Pollution) Cases Act, 1977, if applicable.
- (ii) Water (Prevention and Control of Pollution) Cases Act, 1978, if applicable.
- (iii) Environment (Protection) Act, 1986
- (iv) Environment (Protection) Rules, 1986
- (v) Hazardous Wastes (Management and Handling) Rules, 1989 and Amended Rules, 2000
- (vi) Manufacture, Storage and Import of Hazardous Chemicals Rules, 1989 and Amended Rules, 2000
- (vii) Manufacture, Use, Import and Storage and Hazardous Micro-Organisms, Genetically Engineered Organisms or Cell Rules, 1989
- (viii) The Public Liability Insurance Act, 1991 and Amended Act, 1992
- (ix) The Public Liability Insurance Rules, 1991 and Amended Rules 1993
- (x) Biomedical Wastes (Management & Handling) Rules, 1998 and Amended Rules 2000 if applicable.
- (xi) Recycled Plastics Manufacture and Usage Rules 1999, If applicable and
- (xii) Ozone Depleting Substances (Regulation & Control) Rules, 2000, if applicable

B. You will have to abide by any other stipulations as may be prescribed by any authority/local bodies/Government Departments etc.

SPECIAL CONDITION :

Gross Capital Investment - Rs.10,641.28 Lakhs.

Please refer to Annexure.

Any violation of the aforesaid conditions shall entail cancellation of this Consent to Establish (NOC)

Yours faithfully,

[Signature]
10/6/2020
Member Secretary/SR. ENV. ENGR.
West Bengal Pollution Control Board (EIM CELL)

Memo No. 145 - 2N-40/2018(E)

Dated 10.06.2020

Copy forwarded for information to :

1. Chief Inspector of Factories, Government of West Bengal, N. S. Building, Kolkata-700 001
2. Director of Industries/Director of Cottage & Small Scale Industries, Government of West Bengal, N. S. Building, Kolkata-700 001
3. Guard file, West Bengal Pollution Control Board.
4. Environmental Engineer, I/II/Alipur R.O./Howrah R.O./Hooghly R.O./B.R.O./D.R.O./Haldia R.O./S.R.O./Asansol/ Sub-R.O./WBPC Board

Paribesh Bhawan
10A, LA-Block, Sector-III
Salt Lake City,
Kolkata - 700 098

Block-05 at 40
Flats Complex
Adjacent to Priyambada
Housing Estate
P.O. : Khanjanchak,
P.S. Durgachak
Haldia-721602
Dist. : Purba Medinipur

Paribahan Nagar
Matigara, Siliguri
Dist.-Darjeeling

Satya Chowdhury
Indoor Stadium
Balurchar Bandh Road
Malda-732101

Asansol Sub-Regional Office
ADDA Commercial Market (2nd Floor)
Opposite Asansol Fire Station
G.T. Road, Asansol-713 301

[Signature]
10/6/2020
Member Secretary/SR. E. E.
West Bengal Pollution Control Board (EIM CELL)
Sr. Environmental Engineer
W B Pollution Control Board

NOC NO159450

SPEED POST

WEST BENGAL POLLUTION CONTROL BOARD

Paribesh Bhawan
10A, Block - LA, Sector III, Bidhannagar
Kolkata - 700 106



Memo No. 145 - 2N-40/2018 (E)

Dated 10.06.2020

From :
Member Secretary,
West Bengal Pollution Control Board

To: M/s. Kejriwal Castings Limited,
Bamunara Industrial Area, Durgapur - 713212.

Sub : Consent to Establish (NOC) from Environmental Point of View

Ref : 1) Your letter No. N11 Dated 03.03.2020
ii) EC issued by SBIAA vide No. 388/EN/T-II-1/066/2018 dtd. 18.02.2020

WEST BENGAL

Dear Sirs,

In response to the application for Consent to Establish (NOC) for proposed Unit of M/s. Kejriwal Castings Limited for manufacturing/ storage/ installation of DI Pipe manufacturing Unit of capacity 97,200 MT/annum. Khatian No. 5770, J.L. No. 58, Vill-Gopalpur, Bamunara Industrial Area, Mouza-Bamunara, PS-Kanksa, Durgapur, PIN-713212, Paschim* this is to inform you that this Board hereby grants the Consent to Establish (NOC) from the environmental point of the above subject to the following conditions and special conditions annexed. ***Bardhaman, West Bengal**

1. The quality of sewage and trade effluent to be discharged from your factory shall satisfy the permissible limits as prescribed in IS : 2490 (Pt. I) of 1974, and/or its subsequent amendment and Environment (Protection) Rules 1986.
2. Suitable measures to treat your effluent shall be adopted by you in order to reduce the pollutional load so that the quality of the effluent satisfies the standards mentioned above.
3. You shall have to apply to this Board for its consent to operate and discharge of sewage and trade effluent according to the provisions of the water (Prevention & Control of Pollution) Act, 1974. No sewage or trade effluent shall be discharged by you without prior consent of this Board.
4. All emission from your factory shall conform to the standards as laid down by this Board.
5. No emission shall be permitted without prior approval of this Board and you shall apply to this Board for its consent to operate and atmospheric emission as per provision of the Air (Prevention & Control Pollution) act, 1981.
6. No industrial plant, furnace, flues, chimneys, control equipment, etc. shall be constructed/reconstructed/erected/re-erected without prior approval of this Board.

Mukherjee
10/06/2020
Sr. Environmental Engineer
W. B. Pollution Control Board
Dept. of Environment, GoWB

Annexure – I to NOC Sl. No. NO159450

Special conditions issued to M/s. Kejriwal Castings Limited at Khatian No. 5770, JL No. 58, Vill – Gopalpur, Bamunara Industrial Area, Mouza – Bamunara, PS – Kanksa, Durgapur, Pin – 713 212, Dist – Paschim Bardhaman, West Bengal.

A) Emission:-

- 1) All stacks attached to induction furnaces, Magnesium converter, annealing furnace, Zinc coating equipment barrel grinding sources should be equipped with bag filter of proper design to keep the emission level below 50 mg/Nm³.
- 2) Stacks should have sampling port, platform and ladder as per the Emission Regulation Part-III of CPCB.
- 3) The National Ambient Air Quality Emission Standards issued by MoEF vide G.S.R 826(E) dated 16th November, 2009 as enclosed should be complied with.
- 4) Water sprinklers and dry fog system to be installed at strategic locations to arrest fugitive emission.
- 5) The project proponent should install 24x7 air monitoring devices to monitor air emission, as provided by CPCB.
- 6) Stack of adequate height and diameter with continuous stack monitoring facilities for all the stacks shall be provided.
- 7) Secondary emission should be restricted to less than 100 mg/Nm³.
- 8) Dust collection and extraction system shall be provided at appropriate places to control fugitive dust emissions such as bag filters to control MgO dust from Magnesium treatment, sand particles from Annealing furnace (Core and cleaning), Zn and ZnO dust from Zinc coating and sand particles from barrel grinding sources. Dust suppression system shall be provided in unloading areas to control fugitive emissions.
- 9) Gaseous emission levels including secondary fugitive emissions from all the sources should be controlled within the latest permissible limits issued by the Ministry vide G.S.R. 414 (E) dated 30th May, 2008 and regularly monitored, Guidelines / Code of Practice issued by the CPCB should be followed.

B) Effluent :-

- 1) Process – Nil.
- 2) No effluent shall be discharged and 'zero' discharge shall be adopted.
- 3) Cooling water to be recycled.
- 4) Domestic - to be discharged through septic tank to soak-pit within the unit premises.

C) Solid Waste :-

- 1) Slag from induction furnace to be used for land filling and road making.
- 2) Hazardous Waste to be collected and disposed off as per the Hazardous and Other Wastes (Management and Trans boundary Movement) Rules, 2016.
- 3) All the other wastes such as core sand, iron scrap, Magnesium Oxide dust, cement sand etc. shall be properly utilized or disposed off in environment friendly manner. No solid waste shall be disposed off outside the premises.

Annexure – I to NOC Sl. No. NO159450

Special conditions issued to M/s. Kejriwal Castings Limited at Khatian No. 5770, JL No. 58, Vill – Gopalpur, Bamunara Industrial Area, Mouza – Bamunara, PS – Kanksa, Durgapur, Pin – 713 212, Dist – Paschim Bardhaman, West Bengal.

D) General :-

- 1) Noise Control – Ambient noise not to exceed the permissible limit.
- 2) No additional machinery / equipment can be installed without permission from this Board.
- 3) Adequate arrangement for dust suppression in raw material handling section to be provided.
- 4) At least 33% of the project area should be under green belt.
- 5) Rain water harvesting must be done however recharging of harvested rain water is not allowed under any circumstances.
- 6) Conditions laid down in the Environmental Clearance obtained for the project from SEIAA, West Bengal vide no. 388/EN/T-II-1/066/2018 dated 18.02.2020 must be strictly complied with.
- 7) Good house-keeping to be maintained.
- 8) All Statutory clearances/licenses from Competent Authorities, as applicable, to be obtained.
- 9) This NOC is valid up to 30.03.2027 for setting up the expansion project.

1/1/2020
15/06/2020

**Sr. Environmental Engineer (EIM Cell)/Member Secretary
West Bengal Pollution Control Board**

*Sr. Environmental Engineer
W. B. Pollution Control Board
Dept. of Environment, GoWB*

ANNEXURE - IX



CIN: U27310WB2005PLC103224

Kejriwal CASTINGS LIMITED

MANUFACTURERS & EXPORTERS OF DUCTILE IRON, CAST IRON PIPES, FITTINGS, VALVES ETC.



Corporate Office: Chatterjee International Centre, 33A, Chowringhee Road, 11th Floor, Suite # 1, 6 & 11, Kolkata 700 071, INDIA
Phone: 22262312, 22262313, 22263145 Fax: +91 33 22262314 E-mail: Info@kejriwalcastings.com Website: www.kejriwalcastings.com

Works 1: NH-6, Chamrail, Howrah - 711114 (W.B.) INDIA Phone: (0321) 2237244, 2247527
Works 2: Bamunara Industrial Estate, Bamunara, Durgapur 713 212, (W.B.) INDIA



IS 1517
IS 1538
IS 5312
IS 7181
IS 8329
IS 8794
IS 9523
IS 13382
IS 14845
IS 14846

Declaration

TO WHOM IT MAY CONCERN

This is to declare that M/s Kejriwal Castings Limited at Khatian no. 5770, J.L.no.58, Vill-Gopalpur, Bamunara Industrial Area, Mouza- Bamunara, PS-Kanksa, Durgapur, PIN-713212, Dist.-Paschim Bardhaman, West Bengal will follow all the Environmental Policies, Commitments and Recommendations made in the EIA/EMP report as well as Environmental Conditions mentioned in the Environment Clearance Letter Ref No. 388/EN/T-II-I/066/2018 dated 18th February, 2020. We will abide by all Environmental rules and regulations amended from time to time and ensure that the environment remains unaffected by our activities.

Authorized by: -

For Kejriwal Castings Limited



Sandip Kejriwal

Managing Director

ANNEXURE - X

ANNEXURE - XI



CIN: U27310WB2005PLC103224

Kejriwal CASTINGS LIMITED

MANUFACTURERS & EXPORTERS OF DUCTILE IRON, CAST IRON PIPES, FITTINGS, VALVES ETC.



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Phone: 22262312, 22262313, 22263145 Fax: +91 33 22262314 E-mail: info@kejriwalcastings.com Website: www.kejriwalcastings.com



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Works 2: Bamunara Industrial Estate, Bamunara, Durgapur 713 212. (W.B.) INDIA



IS 1537
IS 1538
IS 5312
IS 7181
IS 8329
IS 8794
IS 9523
IS 13382
IS 14845
IS 14846

To,

Date: 28-12-2020

The Regional Officer,
West Bengal Pollution Control Board,
Durgapur Regional Office,
City Centre,
Durgapur-713216

Subject: Intimation regarding starting of production activity at our D.I. Pipe plant.

Respected sir,

This is to Inform you that we have started with commercial production at our D.I. Pipe plant located at Bamunara Industrial Area, Bamunara, Durgapur-713212. We will follow all Environmental procedures and norms as applicable for our unit during the process of manufacture at our unit.

Thanks and Regards

Mangilal
Mangilal Surana

DGM- Admin & Commercial



ANNEXURE - XII

Financing plan for Corporate Social Responsibility Activities

We intend to undertake various CSR activities in and around the plant. A total amount of Rs. 2,66,03,200 (Rs. Two crores Sixty Six lakhs Three thousands two hundred only) would be utilized for CSR program over a period of 10 years. The said amount is 2.5% of the total project cost. Indicative detailed breakup of the same is given as below: -

SL. NO.	Activities	Total
1	Award	40,00,000
2	Library	20,00,000
3	Sports and cultural activities	30,00,000
4	Senior citizens	16,00,000
5	First aid training	16,00,000
6	Ambulance and crematorium services	24,00,000
7	Health support	14,00,000
8	Cleaning the entire area with peoples' participation	10,00,000
9	Plantation in backyards, schools and community lands to preserve eco-and environment friendliness	15,00,000
10	Construction of community Latrines	10,00,000
11	Construction of rain water harvesting structures	3,00,000
12	Disaster management	20,00,000
13	Involving local groups for social Work	8,00,000
14	Infrastructure for educational institute	6,00,000
15	Park/Playground	2,00,000
16	Construction and Maintenance of access road	2,00,000
17	Awareness creation among the public and school children	10,03,200
18	Scholarship	20,00,000
	Total	2,66,03,200

Approved by:-

For Kejriwal Castings Limited



Sandip Kejriwal

Managing Director

Planned CSR Activities Matrix over a Span of 10 Years in a Yearly Manner

Sl. No.	Activities	1	2	3	4	5	6	7	8	9	10
1	Award					■	■				
2	Library				■	■					
3	Sports and cultural activities		■	■							
4	Senior citizens			■	■	■	■	■	■	■	■
5	First aid training										■
6	Ambulance and crematorium services	■	■	■	■	■	■	■			
7	Health support								■		
8	Cleaning the entire area with people's participation		■								
9	Plantation in backyards, schools and community lands to preserve eco-and environment friendliness	■	■			■	■			■	
10	Construction of community Latrines				■	■	■				
11	Construction of rain water harvesting structure	■									
12	Disaster management							■	■		
13	Involving local groups for social Work										
14	Infrastructure for educational institute	■	■	■	■	■	■	■	■		
15	Park/Playground	■	■	■	■	■	■	■	■		
16	Construction and Maintenance of access road				■	■	■	■			
17	Scholarship									■	■
18	Awareness creation among the public and school children			■	■	■	■	■	■	■	

Approved by:-

For Kejriwal Castings Limited



Sandip Kejriwal

Managing Director

ANNEXURE - XIII

Corporate Environmental Policy

We, M/s Kejriwal Castings Limited, at Khatian no. 5770, J.L.No.58, Vill.-Gopalpur, Bamunara Industrial Area, Mouza- Bamunara, PS- Kanksa, Durgapur, PIN-713212, Dist.- Paschim Bardhaman, West Bengal believe that businesses are responsible for achieving good environmental practice and operating in a sustainable manner. We are therefore committed to reduce our environmental impact and continually improving our environmental performance as an integral and fundamental part of our business strategy and operating methods.

Our policy is to

- Wholly support and comply with or exceed the requirements of current environmental legislation and codes of practice.
- Minimise our waste and then reuse or recycle as much of it as possible.
- Minimise energy and water usage in our factory premises, vehicles and processes in order to conserve supplies, and minimise our consumption of natural resources, especially where they are non-renewable.
- Apply the principles of continuous improvement in respect of air, water and noise pollution from our premises and reduce any impacts from our operations on the environment and local community.
- As far as possible purchase products and services that do the least damage to the environment and encourage others to do the same.
- Assess the environmental impact of any new processes or products we intend to introduce in advance.
- It is our priority to encourage our customers, suppliers and all business associates to do the same.

Approved by:-

For Kejriwal Castings Limited



Sandip Kejriwal

Managing Director

ANNEXURE - XIV



CIN: U27310WB2005PLC103224

Kejriwal CASTINGS LIMITED

MANUFACTURERS & EXPORTERS OF DUCTILE IRON, CAST IRON PIPES, FITTINGS, VALVES ETC.

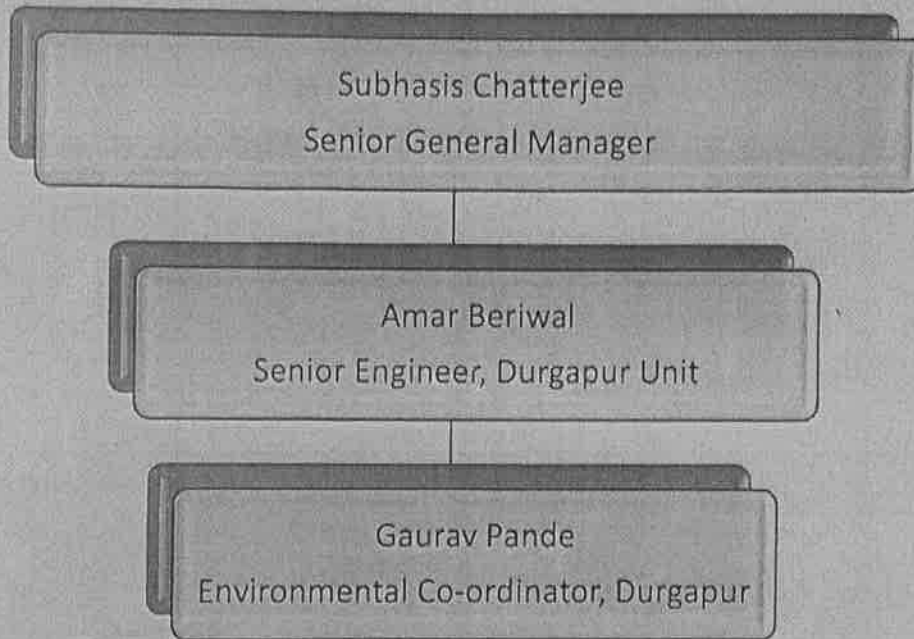


Corporate Office: Chatterjee International Centre, 33A, Chowringhee Road, 11th Floor, Suite # 1, 6 & 11, Kolkata 700 071, INDIA
Phone: 22262312, 22262313, 22263145 Fax: +91 33 22262314 E-mail: info@kejriwalcastings.com Website: www.kejriwalcastings.com

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Works 2: Bamunara Industrial Estate, Bamunara, Durgapur 713 212, (W.B.) INDIA

Environmental Hierarchy

The following chart depicts the environmental hierarchy at our D.I. pipe manufacturing facility at Bamunara Industrial Area, Bamunara, Durgapur-713212.



IS: 15537
IS: 1538
IS: 5312
IS: 7181
IS: 8329
IS: 8714
IS: 8923
IS: 13382
IS: 14345
IS: 14346

For Kejriwal Castings Limited



Sandip Kejriwal
Managing Director