



# K I C METALIKS LIMITED

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Ref. No. KIC/POLLU/Half-yr.-ret/2023-24/180

To

**The IGF & Incharge ,**

GOI, MoEF & CC

Integrated Regional Office, Kolkata

1B-198, Salt Lake City, Sector - III, Kol - 700106

Date 22.12.2023

Sub.: EIA Notification 2006 under the E (P) Act, 1986, in respect of  
submission of half-yearly Compliance Report.

File No.: Ministry's Environmental clearance No. J-11011/556/2009 -  
IA.II (I) Dated 11.09.2019

Dear Sir,

With reference to the above subject, as per EIA Notification 2006 under  
the E (P) Act, 1986, submission of the half-yearly EC Compliance report ( **Period from April' 2023 to September' 2023** ) on behalf of  
implementation of the stipulated conditions and environmental safe guard  
report, are being enclosed herewith for your kind perusal.

We would be obliged for your kind co-operation in this regard.

Regards,

Yours sincerely,

**For KIC METALIKS LTD.**

**Arun Kumar Das**

Asst. Vice President

Mob. No. 9874943332/05

Copy to: **The Environmental Engineer**  
Durgapur Regional office,  
West Bengal Pollution Control Board  
City Centre, Durgapur - 16

CIN : L01409WB 1986PLC041169

Factory : Raturia, Angadpur, Durgapur - 713 215, Phone : 98749 43345

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# Name of the Project : KIC METALIKS LIMITED

Clearance File No. with date :  
F.No.J-11011/556/2009-LA -II (I) DATED 11.09.2019

Project No : IA/WB/IND/60981/2016 dated 9th  
December,2016

**Period of Compliance Report :**      APRIL 2023 – SEPTEMBER 2023

**A. SPECIFIC CONDITIONS:**

	CONDITION	COMPLIANCE STATUS
i	Project Proponent shall ensure that water consumption per ton of steel shall not exceed 4m <sup>3</sup> per ton of Pig Iron production.	We ensure that our water consumption per ton of pig iron production is well within the specified permission limit given for Pig iron industries details in <b>Annexure- 1</b>
ii	Project proponent shall ensure 100% utilization of solid waste generated by the plant and also ensure that no dumping of solid waste ensure.	<b>MBF:</b> Coarse particles from dust catcher dumped directly on to the dumper and send to the sinter plant for reuse. <b>Slurry from settling tank</b> sends to the sinter plant for reuse. <b>Sinter Plant:</b> Dust from gravity de-duster and from Head ESP directly takes into proceed through Hauledge Chain mechanism. <b>Dust from Tail ESP</b> directly takes into process through screw conveyor. We are using under size sinter generating at RMHS as raw material of sinter plant. Through above ways we are utilizing 100% solid waste which are generating during process. We ensure that no dumping of solid waste at our Plant.
iii	Project proponent shall provided the top Recovery Turbine over the blast furnace	<ol style="list-style-type: none"><li>1. The blast furnace gas quantity is not sufficient for the required heat content of TRT (Top Recover Turbine) as per designer.</li><li>2. As we don't have BLT equipment, the BF gas pressure could not be well controlled and it is less than requires pressure for TRT.</li></ol>
iv	Rain water harvesting to recharge quantity of water equivalent to the consumption in the plant, or more shall be carried out in the project premises ,in case, rain water recharge is not possible within the project premises ,the project proponent shall carry out the recharging outside the project premises.	Two Nos. water ponds have been made available to store rain water. Our pond is sufficient enough to collect the rainwater from the entire catchment of the plant area. Although ground water table recharging is not allowed by WBPCB. Rain water harvesting system is being used in the plantation & dust suppression through an installed system. Also under CSR activity rainwater harvesting activity has been planned for nearby communities, attached photocopy in <b>(Annexure- 2 )</b>

<b>B. GENERAL CONDITION :-</b>		
	<b>Statutory Compliance</b>	<b>Compliance Status</b>
i	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.	We have obtained 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 State Pollution Control Board. Copy attached in previous compliance report.

	<b>Statutory Compliance</b>	<b>Compliance Status</b>
ii	The Project proponent shall obtain the necessary permission from the Central Ground Water Authority, in case of drawl of ground water and from the competent authority in case of use of surface water required for the project.	We are not using Ground Water for the project nor using processes.
iii	The Project proponent shall also obtain authorization under the Hazardous and other waste Management Rules, 2016 as amended from time to time.	We have already obtained the Authorization letter/permission under the Hazardous and Other Waste Management Rules, 2006. Copy of the same attach herewith for your perusal <b>(Annexure- 3 )</b>

**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 standard prescribed in Environment(Protection) Rules 1986 issued vide G.S.R.277 (E) Dated 31 <sup>st</sup> March 2012 ( Integrated iron & Steel ); G.S.R.414( E) DATED 30 <sup>th</sup> May 2008 ( Sponge Iron ) as amended from time to time ; S.O. 3305 (E ) Dated 7 <sup>th</sup> December 2015 (Thermal Power Plants )as amended from time to time and connected to SPCB and CPCB online servers, and calibrate the plant monitoring system from time to time according to equipment supplier specification using services of Lab recognized under Environment( Protection ) Act,1986,or NABL accredited laboratories.	24x7 continuous emission monitoring system at process stacks has been installed to monitor stack emission with respect to standard prescribed in Environment ( Protection ) Rules 1986 and also connected to SPCB and CPCB online servers, and doing calibration the plant monitoring systems from time to time according to equipment supplier specification. We are taking services from Lab recognized under Environment (Protection) Act, 1986 or NABL accredited laboratories. <b>( Annexure - 4 )</b>
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**PRADIP DAS**  
**DY. MANAGER**


	<b>Statutory Compliance</b>	<b>Compliance Status</b>
ii	<p>The Project proponent shall monitor fugitive emission in the plant premises at least once in every quarter using services of Lab recognized under Environment ( Protection ) Act, 1986</p>	<p>(a) We monitor the environmental condition including ambient air, work zone and stack by NABL accredited laboratory. Please see <b>Annexure-5</b></p> <p>(b) As mentioned above, Plant deducting systems consisting of bag filters/ESP are provided to control the fugitive emission in Sinter Plant and MBF cast house. Fixed Water Sprinkler provided in Ground hopper, Raw Material handling area, truck tippler. Mobile Water Sprinkling two Nos. Water Tanker deployed on a daily basis (both time) to spray water on roads inside and outside the plant and also in raw materials stock yards. <b>Annexure - 6</b></p>
iii	<p>The Project proponent shall install system to carryout Continuous Ambient Air Quality monitoring for common / criteria parameters relevant to the main pollutants released (e.g.PM10 and PM 2.5 in reference to PM Emission, SO2 and NOx in reference to SO2 and NOx emission) within and outside the plant area at least at four locations (one within and three outside the plant area at the angel of 120° each), covering upwind and downwind direction.</p>	<p>(a) We are testing Ambient Air Quality twice in a year through recognized Lab approved under Environment (Protection) Act 1986or NABL accredited laboratories. For common / criteria parameters relevant to the main pollutants released (e.g.PM10 and PM 2.5 in reference to PM Emission, SO2 and NOx in reference to SO2 and NOx emission) within the plant area at four locations. We are not testing ambient conditions outside of our plant since many more industries are around us (Refer Annexure-7)</p> <p>(b) Installation of CAAQMS project work under progress, Order copy to be attached in <b>Annexure - 7.</b></p>
iv	<p>The cameras shall be install at suitable location for 24x7 recording of battery emissions on both side of coke oven batteries and video recording shall be preserved for at least one-month after recording data.</p>	<p>We don't have the Coke Oven Plant.</p>

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<b>Statutory Compliance</b>		<b>Compliance Status</b>
v	Sampling facility at process stacks and at quenching towards shall be provided by the project proponent as per CPCB guidelines for manual monitoring of emissions.	We don't have coke oven plant. Although we are maintaining the same at our process stacks.
vi	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.	We are maintaining the same as per norms. Please see Annexure – 4 for Stack Monitoring <b>Annexure – 8</b> ( Monthly summary report of continuous stack emission )
vii	Appropriate Air Pollution Control System (APC) system shall be provided for all the dust generating points including fugitive dust form all vulnerable sources, so as to comply with the prescribed stack emission and fugitive emission standards.	We have already installed Air Pollution Control System (APC) for all our dust generating units including for the fugitive dust, to comply with the prescribed stack emission and fugitive emission standards. All the sketch copy attached in previous compliance report.
viii	The project proponent shall provided leakage detection and mechanized bag cleaning facility for efficient maintenance of bags.	We have leakage detection monitoring system and mechanized bag cleaning facilities. We are doing maintenance in every month, during planned shutdown.
ix	Secondary emission control system shall be provided by the project proponent at SMS Converters.	SMS Plant is not the part our present industrial units. We will maintain the same after installation.
x	Pollution Control System in the steel plant shall be provided by the project proponent as per the CREP Guidelines of CPCB.	The status of implementation of the recommendation in the Charter on Corporate Responsibility for Environment Protection (CREP) for the steel sector is enclosed in <b>Annexure – 9</b>

  
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	<b>Statutory Compliance</b>	<b>Compliance Status</b>
XI	Sufficient numbers of mobile or stationery vacuum cleaners shall be provided by the project proponent to clean roads, shop floor and roofs etc., regularly	To control the fugitive emission we are sprinkling water on roads. And maintaining workplace by water sprinkling. We are in technical discussion with the vendors for procurement. <b>Annexure - 10</b>
xii	The project Proponent shall 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.	Our plant process automatically recycled and reuse all types of fines through conveyor belt such as iron ore fines, coke fines, under size Sinter fines etc. All the sketch copy attached in previous compliance report.
xiii	The project proponent shall use leak proof trucks/dumpers carrying coal and other raw materials, and also cover them tarpaulin to check release of coal and other raw material dust into atmosphere.	We are using tarpaulin cover on the raw materials during transportation within the plant premises. We do not allow any raw materials carrying vehicles to entry without Tarpaulin. And also dispatch with cover. <b>Annexure -11</b>
xiv	Wind shelter fence and chemical spraying shall be provided on the raw materials stock piles by the project proponent to check release of raw materials dust into atmosphere.	We already built Coal shed in PCI Unit for raw materials stock and we will install Wind Shelter Fence as per your direction during the project expansion. <b>Annexure - 12</b>
xv	The project proponent shall install Dry Gas Cleaning Plant with bag filter(s) for Blast Furnace and SMS converter.	We have Gas Cleaning Plant (GCP) for our Blast Furnace. We don't have SMS converter.
<b>III Water quality monitoring and preservation</b>		
i	The project proponent shall install 24x7 continuous effluent monitoring system with respect to standards prescribed in Environment ( Protection) Rules 1986 issued vide G.S.R 277(E)dated 31st March 2012 ( Integrated iron & Steel ); G.S.R. 414 ( E ) Dated 30 <sup>th</sup> May 2008 ( Sponge Iron ) 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 ) 1986 or NABL accredited Laboratories.	The plant is not discharging any process effluent into nearby locations or outside of the plant Waste water is being treated & utilized as process make up & dust suppression. Quarterly monitoring & analysis By Regional office WBPCB and Half yearly monitoring & analysis by NABL accredited agency, in <b>Annexure - 13</b>

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	<b>Statutory Compliance</b>	<b>Compliance Status</b>
ii	The project proponent shall monitor regularly ground water quality at least twice a year ( pre and post monsoon ) at sufficient number wells in the plant and adjacent areas using services of labs recognized under Environment ( Protection ) 1986 or NABL accredited Laboratories.	We are not using ground water resources in our factory premises like tube wells, bore wells etc. We are using water which is being supplied to us by DPL (Durgapur Project Limited & DMC (Durgapur Municipal Corporation), hence and also inform that we have test the Ground water analysis by NABL accredited laboratory, in <b>Annexure - 14</b> .
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 SPCB along with six monthly monitoring report.	We will follow your instruction / guidelines of CPCB/ SPCB but we are not withdrawal ground water for the project and neither using in process. But we are test the ground water. Please see Annexure - 14.
iv	Project Proponent shall adhere to Zero Liquid Discharge;	Process water is being treated & utilized as make up & for dust suppression.
v	Sewage Treatment Plant shall be provided by the project proponent for treatment of domestic waste water to meet the prescribed standards.	We have already installed Sewage Treatment plant for domestic waste water to meet the prescribed standards. And we have trying to install higher quality STP system. We also attached Photo copy. <b>Annexure- 15</b>
vi	Garland drains and collection pits shall be provided by the project proponent 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.	Construction of Garland drains and collection pits are under progress.
vii	Vehicle tyre washing facilities shall be provided by the project proponent at the entrance gates of the plant.	We are pleased to inform you that during the financial year 2022-23 we have completed construction of 1.5 km length and 24 feet wide concrete road within our factory premises to reduce dust generation. We are glad to announce that we have managed to reduce dust generation by 90%.To reduce dust generation even further, we intend to commission a vehicle tyre washing facility in our up-coming project at the entrance gates of the plant.
viii	CO2 injection shall be provided by the project proponent in GCP OF SMS to reduce pH in circulating water to ensure optimal recycling of treated water for converter gas cleaning.	We have not installed the SMS Plant till now.
ix	The project proponent shall undertake rainwater harvestings to collect maximum precipitation.	We have 2 nos of Rain water harvesting pond to collect maximum amount of water. We modify that pond for more storage of water. Working procedure under maintenance. See Annexure - 2

x	Water meters shall be provided by the project proponent at the inlet(s) of all units using water in the steel plant.	We have already provided water meter's photo at the inlet of all units using water in the plant. <b>Annexure - 16</b>
xi	The project proponent shall make efforts to minimize water consumption in the steel plant complex by segregation of used water, practicing cascade method and by recycling treated water.	The plant is not discharging any process effluent into the nearby main course. Entire waste water is treated and is recycled back for different processes. Zero Discharge concepts have been considered in the design.
<b>IV Noise monitoring and prevention</b>		
i	Noise level survey shall be carried as per the prescribed guidelines and report in this regard shall be submitted by the project proponent to Regional Officer of the ministry as a part of six monthly compliance reports.	We have monitor Noise level by NABL accredited laboratory and the same submitted to the Regional office (CPCB & SPCB) that is a part of six monthly compliance reports. Test copy attached in <b>Annexure - 17</b> .
ii	Project proponent shall ensure that the ambient noise levels 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.	The noise level study is being done & it is observed that the level is within the standards prescribed under E(P)A Rules 1986 viz. 75 dB(A) during day time and 70 dB(A) during night time.) And also we have a Noise Level Meter, for measuring the sound level time to time manually. See <b>Annexure - 17</b>
<b>V Energy Conservation measure</b>		
i	The project proponent shall provided TRT's to recover energy from top gases of Blast Furnaces.	<ol style="list-style-type: none"> <li>1. The blast furnace gas quantity is not sufficient for the required heat content of TRT (Top Recover Turbine).</li> <li>2. As we don't have BLT equipment, the BF gas pressure could not be well controlled and it is less than required pressure for TRT.</li> </ol>
ii	Waste heat shall be recovered from Sinter Plant coolers and Sinter Machines	We have already installed the heat recovery System from sinter plant cooler and sinter machine.
iii	Project Proponent shall use torpedo ladle for hot metal transfer to the maximum extent possible. If torpedo ladles are not used, the project proponent shall provided covers for open top ladles.	We are not using Torpedo Ladle, as we are handling Ladle by rail tracks and transporting distance within 20m.
iv	Project proponent shall use hot charging of slabs and billets/blooms to the maximum extent possible	We don't have SMS, so, it is not required.
v	Waste heat recovery systems shall be provided by the project proponent in all units where the temperature of flue gas or process gas exceeds 300oC.	Waste heat recovery systems already installed.



	<b>Statutory Compliance</b>	<b>Compliance Status</b>
vi	Project proponent shall study feasibility to install WHRS to utilize Waste Gases from BF stove; Sinter Machine, Sinter Cooler, and all reheating furnaces.	We have already installed system, at CPP, BF Stove and Sinter plant cooler.
vii	Project proponent shall restrict Gas flaring to < 1 %.	We are using 100% BF gas in CPP ( Captive Power Plant ), PCI (Pulverised Coal Injection), some amount of BF Gas used MBF own and balance amount used our Sinter Plant for process . Now there is no gas flaring .So 100% utilize the BF Gas.
viii	Project Proponent shall provide solar panels for power generation on roof tops of buildings, for lighting of all common areas, street lighting, parking area lighting and also carry out regular maintenance of the same.	We have planned to install the Solar Panels, which are under process of ordering. <b>Annexure - 18</b>
ix	Project proponent shall provide LED lights in their offices and residential areas of the project.	Most of the part we have installed LED lights and rest part will be implemented as soon as possible.
x	Project proponent shall ensure installation of regenerative type burners on all reheating furnaces.	We don't have reheating furnace.
<b>VI Waste management</b>		
i	An attrition grinding unit to improve the bulk density of BF granulated slag from 1.0 to 1.5 Kg/l shall be installed by the project proponent to use slag in place of river sand in construction industry.	Noted and complied soon but present BF granulated slag selling, with Cement Industry.
ii	Carbon recovery plant to recover the elemental carbon present in GCP slurries for use in sinter plant shall be installed by the project proponent	We are utilizing GCP Slurries in Sinter plant.
iii	Waste recycling plant shall be installed by the project proponent to recover scrap, metallic waste and flux for recycling to sinter plant and SMS.	We did not install SMS so not required for the same at this time.
iv	Used refractories shall be recycled by the project proponent as far as possible.	Hardly any generation of refractories in our plant. Ever generated refractories are reusing process in Blast Furnace.
v	SMS slag after metal recovery in waste recycling facility shall be conditioned and used for road making, as railway track ballast and in other applications. The project proponent shall install a waste recycling facility to recover metallic waste and flux for recycling to Sinter plant. The project proponent shall establish linkage for 100% reuse of rejects from Waste Recycling Plant.	We did not install the SMS Plant so not required for the same at this time.

	<b>Statutory Compliance</b>	<b>Compliance Status</b>
vi	100% utilization of fly ash shall be ensured by the project proponent. All the fly ash shall be provided to Cement and Brick manufactures for further utilization and memorandum of Understanding in this regard shall be submitted to the Ministry's Regional Office	Our CPP (Captive Power Plant) is BFG based, hence, no generation of fly ash.
vii	Oil Collection pits shall be provided by the project proponent in oil cellars to collect and reuse / recycle spilled oil. Additionally, oil collection trays shall be provided under coils on saddles in cold rolled coil storage area.	It is not applicable.
viii	The waste oil, grease and other hazardous waste like acidic sludge from pickling, galvanizing, chrome plating mills, etc. shall be disposed of as per the Hazardous & Other Waste ( Management & Transboundary Movement ) Rules 2016 Coal tar sludge/decanter shall be recycled to coke Ovens.	It is not applicable as, we don't have pickling, galvanizing, chrome plating mills and coke oven etc. We have generated only used Oil & oil Filter and used Safety shoes & Hand Gloves. These above items disposed of as per the Hazardous & Other Waste (Management & Transboundary Movement) Rules 2016 Please see FORM - 10, for your perusal. In <b>Annexure- 19</b>
ix	Kitchen waste shall be composted or converted to biogas for further use.	Our all kitchen waste carried out by Durgapur Municipal Corporation (DMC). Copy enclosed in <b>Annexure- 20</b> .
<b>VII</b>	<b>Green Belt</b>	
i	Green belt shall be developed by the project proponent in an area equal to 33% of the total plant area with native broad - leaved tree species in accordance with CPCB guideline .The green belt shall interlay, cover the entire periphery of the plant.	Trees plantation is our ongoing process. Recently our company has targeted to plant 3500 trees of species in 3.5 acre of land & rest will be done in next couple of years. Some photograph attach for your perusal <b>Annexure-21</b>
ii	The project proponent shall prepare GHG emissions inventory for the plant and shall submit the programme for reduction of the same including through carbon sequestration, including by raising plantation.	GHG emissions inventory for the plant and reduction of the same including through carbon sequestration, including by raising plantation. We already planted 12756 trees in from 2017 - 2023. We have decided to planted more trees in next couple of years a details sheet attached for your perusal in <b>Annexure - 22</b>
<b>VIII</b>	<b>Public hearing and Human health issues</b>	
I	Emergency preparedness plan based on the Hazard Identification and Risk Assessment (HIRA) and Disaster Management Plan shall be prepared and implemented.	We already did it as per the direction, copy enclosed in previous compliance report.

	<b>Statutory Compliance</b>	<b>Compliance Status</b>																
ii	<p>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.</p>	<p>We are very much conscious about the same, we have already taken all the necessary steps and providing them, PPE like -</p> <ol style="list-style-type: none"> <li>1) Hand gloves, Safety Shoes, duster, Helmet, Safety goggles Nose mask and ear plug.</li> <li>2) We are also providing heat protective clothing each employee who is working in heat zone area.</li> <li>3) We are provide Safety Belt and necessary equipments, who are work in height zone.</li> </ol>																
iii	<p>Provision shall be made for proper housing for the 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, and crèche, etc. The housing may be in the form of temporary structures, which may be removed after the completion of the project.</p>	<p>Do not have any housing for the construction labour/employees within the factory premises.</p>																
iv	<p>Occupational health surveillance of the workers shall be done on a regular basis and records maintained as per the Factories Act.</p>	<p>Occupational health check-up 2023-2024 was completed on 10.08.2023 and records maintained as per the Factories Act. The summarized Occupational Health Checkup includes Blood test, PFT, ECG, general health checkup, Eye test etc. Test report Data and some photo copy of medical test's attached for your perusal in <b>Annexure - 23</b></p> <table border="1" data-bbox="810 1323 1410 1800"> <thead> <tr> <th>Sl. No.</th> <th>Department Name</th> <th>Total Employee</th> <th>Medical Test</th> </tr> </thead> <tbody> <tr> <td>1.</td> <td>KIC Metaliks Ltd,'s all Employee ( Approx )</td> <td>254</td> <td>Done</td> </tr> <tr> <td>2.</td> <td>Contractor Employee</td> <td>343</td> <td>Done</td> </tr> <tr> <td colspan="2" style="text-align: center;"><b>Total</b></td> <td colspan="2" style="text-align: center;"><b>597</b></td> </tr> </tbody> </table> <ul style="list-style-type: none"> <li>• All employees who are join first and Induction training completed, they are checked up by plant medical officer and Doctors. All contractor labour is also</li> </ul>	Sl. No.	Department Name	Total Employee	Medical Test	1.	KIC Metaliks Ltd,'s all Employee ( Approx )	254	Done	2.	Contractor Employee	343	Done	<b>Total</b>		<b>597</b>	
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		<p>taking those facilities.</p> <ul style="list-style-type: none"> <li>We have an Occupational Health Centre, where all KICML and Contractor employees have take first aid facilities. Ambulance is available in the plant 24*7 for immediate shifting of patients to nearby hospital in case of emergency.</li> </ul>
<b>IX Corporate Environment Responsibility</b>		
i	The project proponent shall comply with the provisions contained in the Ministry's OM issued vide F. No. 22-65/2017-IA.III dated 1st May 2018, as applicable, while preparing the Corporate Environment Responsibility Plan.	We already did it as per the direction, please see in <b>Annexure - 9</b>
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 report to the head of the organization.	We already make a separate Environmental Cell both at the project and company head quarter level, with qualified personnel as per your direction. Please see <b>Annexure - 24</b> . Where we arrange a monthly meeting and discuss the all topic about Environment related.
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 fund 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 six monthly compliance reports.	It will be done as per your direction. Details sheet attached in previous compliance report for your perusal.
v	Self- environmental audit shall be conducted annually. Every three years third party environmental audit shall be carried out.	Noted will be complied soon.
vi	All the recommendation made in the charter on corporate responsibility for environment protection (CREP) for the iron & steel plants shall be implemented.	Done as per the direction Please see <b>Annexure -9</b>

<b>X</b>	<b>Miscellaneous</b>	
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 news papers 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.	Done it as per the direction
ii	The copies of the environmental clearance shall be submitted by the project proponents to the Heads of the local bodies, Panchayet and Municipal Bodies in addition to the relevant offices of the government who in term as to display the same for 30 days from the date of receipt.	Done it as per the direction.
iii	The project proponent shall upload the status of compliance of the stipulated environment clearance conditions, including result of monitored data on their website and update the same on half-yearly basis.	We have already done it as per the direction.
	<b>Statutory Compliance</b>	<b>Compliance Status</b>
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.	1) We already installed OCEMS in every stack of our plant as per your direction and also monitoring the criteria pollutants and also connected with CPCB & SPCB server. 2) We also provided a display board about our pollutants level beside main gate for public. Please see <b>Annexure - 7</b> for CAAQMS.
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.	It will be done as per the direction.
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.	We have submitted 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. Pls. see in <b>Annexure-25</b>

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DY. MANAGER

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.	The information is shared as per directions.
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).	Further any expansion or modification of the plant shall be carried out with prior approval of this Ministry as per norms.
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 the point.
x	The Ministry may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.	Noted the point.
<b>Statutory Compliance</b>		<b>Compliance Status</b>
xi	The Ministry reserves the right to stipulate additional conditions if found necessary. The company in a time bond manner shall implement this condition.	It will be done as per the direction.
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.	It will be done as per the direction.

For KIC METALIKS LTD  
  
 PRADIP DAS  
 DY. MANAGER

xiii	<p>The above conditions shall be enforced, inter-alia under the provisions of the Water (Prevention &amp; Control of Pollution) Act, 1974, the Air (Prevention &amp; Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, Hazardous and Other Wastes (Management and Trans boundary 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.</p>	<p>Noted for compliance and It will be done as per the direction.</p>
xiv	<p>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</p>	<p>Noted the point.</p>

FOR KIC METALIKS LTD  
  
 PRADIP DAS  
 DY. MANAGER

## DETAILS REPORT OF WATER CONSUMPTION OF PER MT, PIG IRON PRODUCTION

We ensure that our water consumption per MT of Pig Iron production is within the permission limit. Details herein below-

1. In this financial year (2023-2024) of our total Pig Iron production is 106006.12 MT.  
and
2. Total water consumption 108399.1 KL in this financial year.

Therefore our, total water consumption 108399.1KL ÷ Total production 106006.12MT = 1.02  
KL water consumption per ton of Pig Iron production.

Both Annexure copy (Production report & water consumption report) attached for your perusal.

For KIC METALIKS LTD  
PRADIP DAS  
DY. MANAGER



**KIC METALIKS LTD.RATURIA,ANGADPUR,DGP 15**

ANNEXURE - A

DETAILS OF WATER CONSUMPTION  
PERIOD FROM 01.04.2023 TO 30.09.2023

AS PER DPL REPORT WISE			
FROM	TO	YEAR	KL
APRIL,2023	MAY	2023	26990
JUNE	JULY	2023	28450
AUGUST	SEPTEMBER	2023	29650
TOTAL CONSUMPTION			85090

AS PER DMC REPORT WISE			
FROM	TO	YEAR	KL
APRIL '2023		2023	1830
MAY		2023	1843.8
JUNE		2023	1576
JULY		2023	1832.5
AUGUST		2023	1565.8
SEPTEMBER		2023	926
TOTAL CONSUMPTION			9574.1

FROM RAIN WATER RESERVER			
FROM	TO	YEAR	KL
APRIL,2023	MAY	2023	2345
JUNE	JULY	2023	4870
AUGUST	SEPTEMBER	2023	6520
TOTAL CONSUMPTION			13735

TOTAL WATER CONSUMPTION FROM 1ST APRIL'2023 TO 30 th SEPTEMBI 108399.1 KL

INDUSTRIAL PURPOSE USED	APPROX	19511.84
COOLING PURPOSE USED	APPROX	86719.28
DOMESTIC PURPOSE USED	APPROX	2167.98
		108399.1


DPL - DURGAPUR PROJECT LIMITED  
DMC - DURGAPUR MUNICIPAL CORPORATION

For KIC METALIKS LTD  
PRADIP DAS  
DR.MANAGER

## ANNEXURE - B

## TOTAL PIG IRON PRODUCTION REPORT FROM 1ST APRIL' 2023 TO 30TH SEPTEMBER' 2023

DATE	APRIL'23	MAY'23	JUNE'23	JULY'23	AUGUST'23	SEPT'23
1	612.250	622.360	598.530	470.720	588.650	630.170
2	641.030	618.790	637.800	484.080	568.550	643.180
3	650.120	632.950	640.380	460.080	608.680	639.710
4	644.700	583.160	601.860	475.650	605.640	567.050
5	644.740	636.770	606.340	502.950	608.170	636.930
6	660.030	656.570	625.110	558.260	625.230	643.870
7	631.480	617.590	624.560	539.500	608.160	640.380
8	645.520	612.940	615.170	540.800	562.400	645.940
9	652.360	623.650	516.240	511.140	530.920	635.530
10	642.290	626.840	543.710	451.680	589.780	645.550
11	650.670	608.970	503.220	448.550	610.550	636.240
12	656.500	244.260	469.840	486.720	617.690	638.360
13	649.260	619.870	547.520	444.170	628.250	608.570
14	650.020	647.650	586.230	453.290	615.770	642.610
15	643.520	628.390	0.000	453.900	637.010	654.000
16	652.250	638.800	404.570	426.690	645.740	646.400
17	643.740	642.410	352.330	444.230	644.540	639.470
18	630.560	629.300	379.630	458.410	645.150	645.660
19	646.110	612.540	357.300	531.850	636.790	653.790
20	648.830	637.650	363.720	542.700	643.520	632.800
21	649.490	630.100	354.710	520.600	625.990	653.550
22	647.690	642.470	362.360	510.520	662.130	633.180
23	640.110	629.290	360.400	523.590	644.050	670.810
24	642.660	620.400	375.660	535.300	636.180	648.470
25	642.190	507.350	383.150	512.090	644.480	654.990
26	655.610	617.660	370.690	463.550	650.840	648.260
27	633.610	620.900	362.090	516.880	634.790	670.780
28	643.630	621.290	431.160	524.080	632.940	650.440
29	636.540	648.340	439.430	559.490	639.370	652.440
30	628.640	604.360	406.210	531.060	642.210	662.690
31		589.530		568.550	639.830	
	19316.150	18873.150	13819.920	15451.080	19274.000	19271.820
	<b>TOTAL PRODUCTION</b>					<b>106006.120</b>

  
 PRADIP DAS  
 DY. MANAGER  
 FOR IFC METALLIKS LTD

# 2 Nos of Pond



FOR KIG METALIKS LTD  
PRADIP DAS  
DY. MANAG





## WEST BENGAL POLLUTION CONTROL BOARD

(Department of Environment, Govt. of West Bengal)

Paribesh Bhawan

Bldg. No. 10 A, Block-LA, Sector-III, Bidhan Nagar,  
Kolkata – 700 098

Tel : 0091 (033) 2335-9088 / 8861 / 8211 / 8073 / 6731  
2335-0261 / 8212 / 8213 / 7428 / 5975

Fax : 0091 (033) 2335 6730 / 2813

Website : [www.wbpcb.gov.in](http://www.wbpcb.gov.in), e-mail : [wbpcnet@wbpcb.gov.in](mailto:wbpccnet@wbpcb.gov.in)

Memo No. 130 /2S (HW) –3503/2018

Date: 03/08/2023.

### FORM 2

#### Grant of Authorization under the provisions of the Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016.

Ref.: Application authorization dated 22.07.2023 for management & handling of hazardous waste under Hazardous & Other Waste (Management & Transboundary) Rules, 2016 and its amendment thereafter.

#### M/s. KIC Metaliks Ltd.

Raturia, Angadpur Industrial Area, Durgapur, P.O.: Angadpur, P.S.: Coke Oven, Burdwan, Pin: 713215 is hereby granted an authorisation for generation, ~~collection, reception,~~ storage, transport, reuse, recycling, recovery, pre-processing, co-processing, utilisation, treatment, disposal, or any other use of hazardous or other wastes or both on the premises located at Raturia, Angadpur Industrial Area, Durgapur, P.O.: Angadpur, P.S.: Coke Oven, Burdwan, Pin: 713215.

#### Details of Authorisation:

Sl. no.	Category of Hazardous Waste as per the Schedule I, II and III of these rules	Authorised mode of disposal or recycling or utilization or co-processing etc.	Quantity (MT/year)
1.	5.1	Recycling through authorized recyclers.*	3.36
2.	3.3	Disposal to CHWTSDF.*	0.06
3.	33.2	Disposal to CHWTSDF. *	1.00

\* For detail refer to Specific Conditions.

(1) Authorization shall be valid for a period upto **30.04.2028** with effect from the date of issue

(2) The authorization is subject to the following general and specific conditions:

  
[Chief Engineer]

West Bengal Pollution Control Board

Chief Engineer  
W. B. Pollution Control Board  
Dept. of Environment, Govt. of W.B.



# INDICATIVE CONSULTANT INDIA

(GOVT. REGISTERED TEST HOUSE)



EMAIL : [indicativeconsultantindia@gmail.com](mailto:indicativeconsultantindia@gmail.com) / [indicativeconsultantindia.kol@gmail.com](mailto:indicativeconsultantindia.kol@gmail.com)

## TEST REPORT

Date: 04.10.2023	Report No: IC/II/A/ARN-1038/2023	Format No: IC/FM/II/58
Customer Name	M/s. KIC METALIKS LIMITED	Sample ID No : 2023/AC-1038
Address	Raturia, Angadpur, Durgapur -7132 15, Bardhaman	Sampling Date : 22 09 2023
#Customer Representative Name & Contact Number	Mr. Pradip Das Mob. No. +91-9874943332	Sampling Time : 10 00 AM
#Work Order No.	KIC/ADMIN/2023-24/011 Dtd 21.09.2023	Analysis Start Date : 27 09 2023
#Sample Description	STACK AIR	Analysis complete Date : 28 09 2023
#Location	SINTER PLANT -I (HEAD ESP)	
Sample Condition	In Glass Microfibre Thimble & Plastic Bottle	
Sampling Method	CPCB, Emission Regulation (Part III)	

### A.] # GENERAL INFORMATION ABOUT STACK:

Particulars of the Plant	Shape of Stack	: Circular
Stack attached to	Material of Construction	: M.S.
Emission due to	Stack ID at sampling point (M)	: 2.98
Fuel Used	At Bottom (M)	: -
Rated Fuel Consumption	At Top (M)	: -
Working Fuel Consumption	Height Details :	
Calorific Value(Kcal/kg)	a) Total Ht. Of stack from GL(M)	: 50.00
Sulphur Content (% by Wt)	b) Total Ht. Of stack from RL(M)	: -
Ash Content (% by Wt)	c) Ht. of sampling port from GL(M)	: 36.00
Pollution Control Device	d) Ht. of port from disturbance zone (M)	: -
Whether Stack is provided with permanent Platform / Ladder	YES	

### B.] PHYSICAL DATA:

Flue Gas Temperature (°C)	: 141	Generation Capacity:	
Barometric Pressure (mm Hg)	: 748	a) Rated	: -
Velocity of Gas flow (m/s)	: 9.08	b) Running	: 13 MT/Hr.
Quantity of Gas flow (Nm <sup>3</sup> /hr)	: 153212.26	Load a) Rated	: -
Pressure	: -	b) Running	: -

### C.] RESULT OF SAMPLING:

Sl. No.	Parameters	Result Obtained	Test Method
01	Particulate Matter (mg/Nm <sup>3</sup> )	: 18.0	IS 11255 (Part -1) 1985 (RA 2019)
02	Particulate Matter Normalized to 12% CO <sub>2</sub> (V/V) - (mg/Nm <sup>3</sup> )	: -	
03	Sulphur di-oxide (mg/ Nm <sup>3</sup> )	: 16.87	IS 11255 (Part -2) 1985(RA 2019)
04	Carbon mono oxide (as CO)- % (V/V)	: <0.2	IS 13270:1992 (RA 2019)
05	Carbon di oxide (as CO <sub>2</sub> )-% (V/V)	: 7.0	IS 13270:1992 (RA 2019)

Remarks: Only one (1) port hole available.

Prepared By: N. Mondal

Checked By: A. Patra

For, INDICATIVE CONSULTANT INDIA

Parbati Golui  
(Quality Manager)  
Signatory Authority

Parbati Golui  
Quality Manager

INDICATIVE CONSULTANT INDIA

Test Witnessed By: Nil (Sampling was done in front of customer representatives)  
Estimated Uncertainty: Not Required

- Note
- 1 Information provided by customer
  - 2 Sample is drawn by M/s. Indicative Consultant India.
  - 3 Sample submitted and identified by customer as: NA
  - 4 Test results shown in this test report relate only to the sample (s) only.
  - 5 The test results referred in test report are based on observations & measurements under the stated environmental conditions.
  - 6 The reproduction of the report except in full is invalid without written approval of the laboratory.
  - 7 Once issued, the test report/certificate is in public domain and laboratory is not responsible for the authenticity of photocopied test report
  - 8 Retention period of tested samples (Thimble) is 180 days from the date of issue of test report unless otherwise specified.
  - 9 Location of Testing: Haldia Laboratory

End of Report

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CENTRAL LABORATORY : HPL Link Road, Basudevpur, Khanjanchak, Haldia, Purba Medinipur, Pin- 721602  
Phone No. : 03224-275765, 9434017584, 9232395890, 7797506973

KOLKATA LABORATORY : B1-1/22/1-2, Santoshpur(M), Block-B, Maheshatala, Kolkata-700142, Mob. : 7797245819, 7797506970  
WEBSITE : [www.indicativeconsultantindia.com](http://www.indicativeconsultantindia.com)

For KIC METALIKS LTD  
PRADIP DAS  
DY. MANAGER



# INDICATIVE CONSULTANT INDIA



(GOVT. REGISTERED TEST HOUSE)



EMAIL : indicativeconsultantindia@gmail.com / indicativeconsultantindia.kol@gmail.com

## TEST REPORT

Date: 04.10.2023	Report No: ICI/III/ARN-1037/2023	Format No: ICI/FM/II/58
Customer Name	M/s. KIC METALIKS LIMITED	Sample ID No : 2023/AC-1037
Address	Raturia, Angadpur, Durgapur -7132 15, Bardhaman	Sampling Date : 22 09 2023
#Customer Representative Name & Contact Number	Mr. Pradip Das Mob. No. +91-9874943332	Sampling Time : 11 20 AM
#Work Order No.	KIC/ADMIN/2023-24/011 Dtd. 21 09 2023	Analysis Start Date : 27 09 2023
#Sample Description	STACK AIR	Analysis complete Date : 28 09 2023
#Location	SINTER PLANT -1 (TAIL ESP)	
Sample Condition	In Glass Microfibre Thimble	
Sampling Method	CPCB, Emission Regulation (Part III)	

### A.] # GENERAL INFORMATION ABOUT STACK:

Particulars of the Plant	HOT SCREEN SINGLE ROLL CRUSHER, CIRCULAR COOLER, HOT DISE (TAIL)	Shape of Stack	Circular
Stack attached to		Material of Construction	M.S.
Emission due to		Stack ID at sampling point (M)	2.40
Fuel Used		At Bottom (M)	-
Rated Fuel Consumption	Working Fuel Consumption	At Top (M)	-
Calorific Value(Kcal/kg)		Height Details:	
Sulphur Content (% by Wt)		a) Total Ht. Of stack from GL(M)	40.00
Ash Content (% by Wt)		b) Total Ht. Of stack from RL(M)	-
Pollution Control Device	ESP	c) Ht. of sampling port from GL.(M)	25.00
Whether Stack is provided with permanent Platform / Ladder	YES	d) Ht. of port from disturbance zone (M)	-

### B.] PHYSICAL DATA:

Flue Gas Temperature (°C)	102	Steam Generation Capacity:	
Barometric Pressure.(mm Hg)	748	a) Rated	-
Velocity of Gas flow (m/s)	9.11	b) Running	-
Quantity of Gas flow (Nm <sup>3</sup> /hr)	114874.07	Load: a) Rated	-
Pressure	-	b) Running	-

### C.] RESULT OF SAMPLING:

Sl. No.	Parameters	Result Obtained	Test Method
01.	Particulate Matter (mg/Nm <sup>3</sup> )	18.0	IS 11255 (Part -1) 1985 (RA 2019)
02.	Particulate Matter Normalized to 12% CO <sub>2</sub> (V/V) - (mg/Nm <sup>3</sup> )	-	
03.	Carbon mono oxide (as CO)- % (V/V)	<0.2	IS 13270:1992 (RA 2019)

Remarks: Only one (1) port hole available.

For, INDICATIVE CONSULTANT INDIA

Prepared By: N. Mondal

Checked By: A. Patra

For, INDICATIVE CONSULTANT INDIA  
 Parbati Golui  
 (Quality Manager)  
 Signatory Authority  
 Parbati Golui  
 Quality Manager  
 INDICATIVE CONSULTANT INDIA

Test Witnessed By: Nil (Sampling was done in front of customer representatives)  
Estimated Uncertainty: Not Required

- Note
- Information provided by customer
  - Sample is drawn by M/s. Indicative Consultant India.
  - Sample submitted and identified by customer as: NA
  - Test results shown in this test report relate only to the sample (s) only.
  - The test results referred in test report are based on observations & measurements under the stated environmental conditions.
  - The reproduction of the report except in full is invalid without written approval of the laboratory.
  - Once issued, the test report/certificate is in public domain and laboratory is not responsible for the authenticity of photocopied test report
  - Retention period of tested samples (Thimble) is 180 days from the date of issue of test report unless otherwise specified.
  - Location of Testing: Haldia Laboratory

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End of Report

CENTRAL LABORATORY : HPL Link Road, Basudevpur, Khanjanchak, Haldia, Purba Medinipur, Pin- 721600  
 Phone No. : 03224-275765, 9434017584, 9232395890, 7797506973  
 KOLKATA LABORATORY : B1-1/22/1-2, Santoshpur(M), Block-B, Maheshtala, Kolkata-700142, Mob. : 7797245819, 7797506970  
 WEBSITE : www.indicativeconsultantindia.com

For, KIC METALIKS LTD  
 PRADIP DAS  
 Q.M. MANAGER

Towards Sustainable Growth



# INDICATIVE CONSULTANT INDIA



(GOVT. REGISTERED TEST HOUSE)



EMAIL : [indicativeconsultantindia@gmail.com](mailto:indicativeconsultantindia@gmail.com) / [indicativeconsultantindia.kol@gmail.com](mailto:indicativeconsultantindia.kol@gmail.com)

## TEST REPORT

Date: 04.10.2023	Report No: ICI/III/A/RN-1040/2023	Format No: ICI/FM/II/58
Customer Name	M/s. KIC METALIKS LIMITED	Sample ID No : 2023/AC-1040
Address	Ratura, Angadpur, Durgapur -7132 15, Bardhaman	Sampling Date : 23.09.2023
#Customer Representative Name & Contact Number	Mr Pradij Das Mob No +91-9874943332	Sampling Time : 11.05 AM
#Work Order No.	KIC/ADMIN/2023-24/011 Dtd 21.09.2023	Analysis Start Date : 27.09.2023
#Sample Description	STACK AIR	Analysis complete Date : 28.09.2023
#Location	SINTER PLANT -2 (HEAD ESP)	
Sample Condition	In Glass Microfibre Thimble & Plastic Bottle	
Sampling Method	CPCB, Emission Regulation (Part III)	

### A.] # GENERAL INFORMATION ABOUT STACK:

<b>Particulars of the Plant</b>		Shape of Stack	: Circular
Stack attached to	SINTER MACHINE (HEAD)	Material of Construction	: M.S.
Emission due to	Combustion of B.F. Gas & Coke Fines	Stack ID at sampling point (M)	: 2.98
Fuel Used	B.F. Gas & Coke Fines	At Bottom (M)	: -
Rated Fuel Consumption	B.F. Gas - 2900 Nm <sup>3</sup> /Hr. Coke Fines - 58 MT/Day	At Top (M)	: -
Working Fuel Consumption	-	<b>Height Details :</b>	
Calorific Value(Kcal/kg)	-	a) Total Ht. Of stack from GL(M)	: 50.00
Sulphur Content (% by Wt)	-	b) Total Ht. Of stack from RL(M)	: -
Ash Content (% by Wt)	-	c) Ht. of sampling port from GL(M)	: 36.00
Pollution Control Device	ESP	d) Ht. of port from disturbance zone (M)	: -
Whether Stack is provided with permanent Platform / Ladder	YES		

### B.] PHYSICAL DATA:

Flue Gas Temperature (°C)	: 142	<b>Generation Capacity:</b>	
Barometric Pressure (mm Hg)	: 748	a) Rated	: -
Velocity of Gas flow (m/s)	: 8.87	b) Running	: 13 MT/Hr.
Quantity of Gas flow (Nm <sup>3</sup> /hr)	: 149352.25	<b>Load</b> a) Rated	: -
Pressure	: -	b) Running	: -

### C.] RESULT OF SAMPLING:

Sl. No.	Paramotors	Result Obtained	Test Method
01	Particulate Matter (mg/Nm <sup>3</sup> )	: 21.0	IS 11255 (Part -1) : 1985 (RA 2019)
02	Particulate Matter Normalized to 12% CO <sub>2</sub> (V/V) - (mg/Nm <sup>3</sup> )	: -	
03	Sulphur di-oxide (mg/ Nm <sup>3</sup> )	: 22.47	IS 11255 (Part -2) : 1985(RA 2019)
04	Carbon mono oxide (as CO)- % (V/V)	: <0.2	IS 13270:1992 (RA 2019)
05	Carbon di oxide (as CO <sub>2</sub> )-% (V/V)	: 6.8	IS 13270:1992 (RA 2019)

Remarks: Only one (1) port hole available.

For, INDICATIVE CONSULTANT INDIA

Prepared By: N. Mondal

Checked By: A. Patra

Parbati Golui  
(Quality Manager)  
Signatory Authority

Parbati Golui  
Quality Manager  
INDICATIVE CONSULTANT INDIA

Test Witnessed By: Nil (Sampling was done in front of customer representatives)  
Estimated Uncertainty: Not Required

- Note
- Information provided by customer
  - Sample is drawn by M/s. Indicative Consultant India.
  - Sample submitted and identified by customer as: NA
  - Test results shown in this test report relate only to the sample (s) only.
  - The test results referred in test report are based on observations & measurements under the stated environmental conditions
  - The reproduction of the report except in full is invalid without written approval of the laboratory.
  - Once issued, the test report/certificate is in public domain and laboratory is not responsible for the authenticity of photocopied test report
  - Retention period of tested samples (Thimble) is 180 days from the date of issue of test report unless otherwise specified.
  - Location of Testing: Haldia Laboratory

Page 1 of 1

End of Report

CENTRAL LABORATORY : HPL Link Road, Basudevpur, Khanjanchak, Haldia, Purba Medinipur, Pin- 721602  
Phone No. : 03224-275765, 9434017584, 9232395890, 7797506973

KOLKATA LABORATORY : B1-1/22/1-2, Santoshpur(M), Block-B, Maheshtala, Kolkata-700142, Mob. : 7797506973, 7797506973

WEBSITE : [www.indicativeconsultantindia.com](http://www.indicativeconsultantindia.com)

For KIC METALIKS LTD  
PRADIJ DAS  
DY. MANAGER

Towards Sustainable Growth



# INDICATIVE CONSULTANT INDIA

(GOVT. REGISTERED TEST HOUSE)



EMAIL : indicativeconsultantindia@gmail.com / indicativeconsultantindia.kol@gmail.com

## TEST REPORT

Date: 04.10.2023	Report No: ICI/IL/ARN-1041/2023	Format No: ICI/FM/H/58
Customer Name	M/s. KIC METALIKS LIMITED	Sample ID No : 2023/AC-1041
Address	Raturia, Angadpur, Durgapur -7132 15, Bardhaman	Sampling Date : 23 09 2023
#Customer Representative Name & Contact Number	Mr. Pradip Das Mob No. +91-9874943332	Sampling Time : 12 20 PM
#Work Order No.	KIC/ADMIN/2023-24/011 Dtd. 21.09.2023	Analysis Start Date : 27.09.2023
#Sample Description	STACK AIR	Analysis complete Date : 28.09.2023
#Location	SINTER PLANT -2 (TAIL ESP)	
Sample Condition	In Glass Microfibre Thimble	
Sampling Method	CPCB, Emission Regulation (Part III)	

### A.] # GENERAL INFORMATION ABOUT STACK:

Particulars of the Plant	HOT SCREEN SINGLE ROLL CRUSHER, CIRCULAR COOLER, HOT DISE (TAIL) During Processing / Coating	Shape of Stack	Circular
Stack attached to		Material of Construction	M.S.
Emission due to Fuel Used		Stack ID at sampling point (M) At Bottom (M) At Top (M)	2.40 - -
Rated Fuel Consumption		Height Details :	
Working Fuel Consumption		a) Total Ht. Of stack from GL(M)	40.00
Calorific Value(Kcal/kg)		b) Total Ht. Of stack from RL(M)	-
Sulphur Content (% by Wt)		c) Ht. of sampling port from GL(M)	25.00
Ash Content (% by Wt.)		d) Ht. of port from disturbance zone (M)	-
Pollution Control Device	ESP		
Whether Stack is provided with permanent Platform / Ladder : YES			

### B.] PHYSICAL DATA:

Flue Gas Temperature (°C)	100	Steam Generation Capacity :	
Barometric Pressure (mm Hg)	748	a) Rated	-
Velocity of Gas flow (m/s)	8.94	b) Running	-
Quantity of Gas flow (Nm <sup>3</sup> /hr)	108287.02	Load : a) Rated	-
Pressure	-	b) Running	-

### C.] RESULT OF SAMPLING:

Sl. No.	Parameters	Result Obtained	Test Method
01	Particulate Matter (mg/Nm <sup>3</sup> )	16.0	IS 11255 (Part -1) 1985 (RA 2019)
02	Particulate Matter Normalized to 12% CO <sub>2</sub> (V/V) - (mg/Nm <sup>3</sup> )	-	
03	Carbon mono oxide (as CO)- % (V/V)	<0.2	IS 13270.1992 (RA 2019)

Remarks: Only one (1) port hole available.

For, INDICATIVE CONSULTANT INDIA

Prepared By: N. Mondal

Checked By: A. Patra

Parbati Golui  
(Quality Manager)  
Signatory Authority

Parbati Golui  
Quality Manager  
INDICATIVE CONSULTANT INDIA

Test Witnessed By: Nil (Sampling was done in front of customer representatives)  
Estimated Uncertainty: Not Required

- Note
- Information provided by customer
  - Sample is drawn by M/s. Indicative Consultant India.
  - Sample submitted and identified by customer as: NA
  - Test results shown in this test report relate only to the sample (s) only.
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  - Location of Testing: Haldia Laboratory

End of Report

Page 1 of 1

CENTRAL LABORATORY : HPL Link Road, Basudevpur, Khanjanchak, Haldia, Purba Medinipur, Pin- 721602  
Phone No. : 03224-275765, 9434017584, 9232395890, 7797506973

KOLKATA LABORATORY : B1-1/22/1-2, Santoshpur(M), Block-B, Maheshtala, Kolkata-700142, Mob. : 7797245819, 7797506973

WEBSITE : www.indicativeconsultantindia.com

For KIC METALIKS LTD  
PRADIP DAS  
DY. MANAGER

Towards Sustainable Growth





# INDICATIVE CONSULTANT INDIA

(GOVT. REGISTERED TEST HOUSE)



EMAIL : [indicativeconsultantindia@gmail.com](mailto:indicativeconsultantindia@gmail.com) / [indicativeconsultantindia.kol@gmail.com](mailto:indicativeconsultantindia.kol@gmail.com)

## TEST REPORT

Date: 04.10.2023	Report No: ICI/IL/A/ARN-1036/2023	Format No: ICI/FM/II/58
Customer Name	M/s. KIC METALIKS LIMITED	Sample ID No : 2023/AC-1036
Address	Raturia, Angadpur, Durgapur -7132 15, Bardhaman	Sampling Date : 22 09 2023
#Customer Representative Name & Contact Number	Mr. Pradip Das Mob. No. +91-9874943332	Sampling Time : 12 10 PM
#Work Order No.	KIC/ADMIN/2023-24/011 Did 21 09 2023	Analysis Start Date : 27 09 2023
#Sample Description	STACK AIR	Analysis complete Date : 28 09 2023
#Location	MBF (STOVE)	
Sample Condition	In Glass Microfibre Thimble & Plastic Bottle	
Sampling Method	CPCB, Emission Regulation (Part III)	

### A.) # GENERAL INFORMATION ABOUT STACK:

Particulars of the Plant	Stack attached to : MBF (STOVE)	Shape of Stack : Circular
Emission due to	Combustion of Cleaned B.F. Gas & Fe-Ore	Material of Construction : M.S.
Fuel Used	B.F. Gas	Stack ID at sampling point (M) : 2.00
Rated Fuel Consumption	-	At Bottom (M) : -
Working Fuel Consumption	2900 m <sup>3</sup> /Hr.	At Top (M) : -
Calorific Value(Kcal/kg)	-	<b>Height Details:</b>
Sulphur Content (% by Wt)	-	a) Total Ht. Of stack from GL(M) : 50.00
Ash Content (% by Wt.)	-	b) Total Ht. Of stack from RL(M) : -
Pollution Control Device	DUCT CATCHER, SATURATORY, VENTURY SCRUBBER	c) Ht. of sampling port from GL(M) : 40.00
Whether Stack is provided with permanent Platform / Ladder	YES	d) Ht. of port from disturbance zone (M) : -

### B.) PHYSICAL DATA:

Flue Gas Temperature (°C)	160	Generation Capacity:
Barometric Pressure (mm Hg)	748	a) Rated : -
Velocity of Gas flow (m/s)	7.98	b) Running : 26.8 MT/Hr.
Quantity of Gas flow (Nm <sup>3</sup> /hr)	59985.11	Load a) Rated : -
Pressure	-	b) Running : -

### C.) RESULT OF SAMPLING:

Sl. No.	Parameters	Result Obtained	Test Method
01	Particulate Matter (mg/Nm <sup>3</sup> )	20.0	IS 11255 (Part -1) 1985 (RA 2019)
02	Particulate Matter Normalized to 12% CO <sub>2</sub> (V/V) - (mg/Nm <sup>3</sup> )	-	
03	Sulphur di-oxide (mg/ Nm <sup>3</sup> )	15.27	IS 11255 (Part -2) 1985(RA 2019)
04	Carbon mono oxide (as CO)- % (V/V)	<0.2	IS 13270:1992 (RA 2019)
05	Carbon di oxide (as CO <sub>2</sub> )-% (V/V)	11.6	IS 13270:1992 (RA 2019)

For, INDICATIVE CONSULTANT INDIA

Prepared By: N. Mondal

Checked By: A. Patra

Parbati Golui  
(Quality Manager)  
Signatory Authority  
Parbati Golui  
Quality Manager  
INDICATIVE CONSULTANT INDIA

Test Witnessed By: Nil (Sampling was done in front of customer representatives)  
Estimated Uncertainty: Not Required

- Note
- Information provided by customer
  - Sample is drawn by M/s. Indicative Consultant India.
  - Sample submitted and identified by customer as: NA
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  - Location of Testing - Haldia Laboratory

End of Report

Page 1 of 1

CENTRAL LABORATORY : HPL Link Road, Basudevpur, Khanjanchak, Haldia, Purba Medinipur, Pin- 721602  
Phone No. : 03224-275765, 9434017584, 9232395890, 7797506973

KOLKATA LABORATORY : B1-1/22/1-2, Santoshpur(M), Block-B, Maheshatala, Kolkata-700142, Mob. 7797245819, 7797506973

WEBSITE : [www.indicativeconsultantindia.com](http://www.indicativeconsultantindia.com)

For KIC METALIKS LTD  
PRADIP DAS  
DY. MANAGER

Towards Sustainable Growth



# INDICATIVE CONSULTANT INDIA

(GOVT. REGISTERED TEST HOUSE)



EMAIL : indicativeconsultantindia@gmail.com / indicativeconsultantindia.kol@gmail.com

9001:2015

45001:2018

TC-11628

## TEST REPORT

Date: 04.10.2023	Report No: IC/II/A/RN-1039/2023	Format No: IC/FM/H/58
Customer Name	M/s. KIC METALIKS LIMITED	Sample ID No : 2023/AC-1039
Address	Raturia, Angadpur, Durgapur -7132 15, Bardhaman	Sampling Date : 22 09 2023
#Customer Representative Name & Contact Number	Mr. Pradip Das Mob. No. +91-9874943332	Sampling Time : 03 05 PM
#Work Order No.	KIC/ADMIN/2023-24/011 Dtd 21.09.2023	Analysis Start Date : 27 09 2023
#Sample Description	STACK AIR	Analysis complete Date : 28 09 2023
#Location	CPP	
Sample Condition	In Glass Microfibre Thimble & Plastic Bottle	
Sampling Method	CPCB, Emission Regulation (Part III)	

### A.] # GENERAL INFORMATION ABOUT STACK:

<b>Particulars of the Plant</b>		Shape of Stack	: Circular
Stack attached to	CPP	Material of Construction	: M.S.
Emission due to	Combustion of B.F. Gas	Stack ID at sampling point (M)	: 1.90
Fuel Used	B.F. Gas	At Bottom (M)	: -
Rated Fuel Consumption	-	At Top (M)	: -
Working Fuel Consumption	-	<b>Height Details:</b>	
Calorific Value(Kcal/kg)	-	a) Total Ht. Of stack from GL(M)	: 50.00
Sulphur Content (% by Wt)	-	b) Total Ht. Of stack from RL(M)	: -
Ash Content (% by Wt)	-	c) Ht. of sampling port from GL(M)	: 15.00
Pollution Control Device	Nil	d) Ht. of port from disturbance zone (M)	: -
Whether Stack is provided with permanent Platform / Ladder	YES		

### B.] PHYSICAL DATA:

Flue Gas Temperature (°C)	: 265	<b>Steam Generation Capacity:</b>	
Barometric Pressure.(mm Hg)	: 748	a) Rated	: 22 TPH
Velocity of Gas flow (m/s)	: 13.08	b) Running	: 11 TPH
Quantity of Gas flow (Nm <sup>3</sup> /hr)	: 70385.51	<b>Load</b> a) Rated	: 4.7 MW
Pressure	: -	b) Running	: 2.2 MW

### C.] RESULT OF SAMPLING:

Sl. No.	Parameters	Result Obtained	Test Method
01.	Particulate Matter (mg/Nm <sup>3</sup> )	: 18.0 at 10.6% CO <sub>2</sub>	IS 11255 (Part -1) 1985 (RA 2019)
02.	Particulate Matter Normalized to 12% CO <sub>2</sub> (V/V) - (mg/Nm <sup>3</sup> )	: 20.0	
03.	Sulphur di-oxide (mg/ Nm <sup>3</sup> )	: 17.26 at 9.5% O <sub>2</sub>	IS 11255 (Part -2) 1985 (RA 2019)
04.	Sulphur di-oxide Normalized to 6% O <sub>2</sub> - (mg/ Nm <sup>3</sup> )	: 22.56	
05.	Carbon mono oxide (as CO)- % (V/V)	: <0.2	IS 13270:1992 (RA 2019)
06.	Carbon di oxide (as CO <sub>2</sub> )-% (V/V)	: 10.6	IS 13270:1992 (RA 2019)

For, INDICATIVE CONSULTANT INDIA

Prepared By: N. Mondal

Checked By: A. Patra

Parbati Golui  
(Quality Manager)  
Signatory Authority

Parbati Golui  
Quality Manager  
INDICATIVE CONSULTANT INDIA

Test Witnessed By: Nil (Sampling was done in front of customer representatives)  
Estimated Uncertainty: Not Required

- Note:
- # Information provided by customer
  - Sample is drawn by M/s. Indicative Consultant India.
  - Sample submitted and identified by customer as: NA
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  - Location of Testing: Haldia Laboratory

End of Report

Page 1 of 1

CENTRAL LABORATORY : HPL Link Road, Basudevpur, Khanjanchak, Haldia, Purba Medinipur, Pin- 721002  
Phone No. : 03224-275765, 9434017584, 9232395890, 7797506973

KOLKATA LABORATORY : B1-1/22/1-2, Santoshpur(M), Block-B, Maheshkala, Kolkata-700142, Mo. : 7797245819, 7797506970

WEBSITE : www.indicativeconsultantindia.com

Towards Sustainable Growth

For KIC METALIKS LTD  
PRADIP DAS  
DR. MANAGER



**WEST BENGAL POLLUTION CONTROL BOARD**  
Durgapur Regional Laboratory, Paribesh Bhawan, City Centre, Durgapur- 713 216

**Analysis done at:**

1.Name of Industry	M/s. KIC Metaliks Ltd.		
2.Address	Raturia, Angadpur, Durgapur-15, Paschim Bardhaman		
3.Category & Type	Red, Iron & Steel Plant		
4.Sampling Date	07.08.2023		
5.Duration of Sampling	28 min		
6.Name of Laboratory	M/s. Qualissure Laboratory Services		
7.Height of Stack from ground (m)	50.0		
8.Gross section of Stack at sampling point (m <sup>2</sup> )	2.8364		
9.Stack connected to	CPP Boiler (4.7 MW)		
10.Emission due to (Furnace / Boiler)	Combustion of B.F Gas		
11.Average operational hours of boiler/furnace (per month)	720 hrs.		
12.APC System (if any)	Nil		
13.Working load of source (MT/hr)	Rated=(4.7 MW) 2.2 MW		
14. Fuel used	B.F Gas		
15.Rated Fuel consumption (Kg or l /hr)	13000 Nm <sup>3</sup> /hr.		
16.Working Fuel consumption (Kg or l /hr)	13000 Nm <sup>3</sup> /hr.		
17.Nature of furnace/boiler	CPP Boiler (4.7 MW)		
18.Flue Gas Temp (°C)	208.0		
19.Flue gas velocity (m/s)	13.28	20.Volume of Flue gas drawn in lit (m <sup>3</sup> )	1.008
21.Corrected flue gas volume (Nm <sup>3</sup> )	0.9191	22.Percentage of CO <sub>2</sub> & O <sub>2</sub>	CO <sub>2</sub> =8.6% O <sub>2</sub> =11.2%
23.To be compensated at (% if required)	12 % CO <sub>2</sub>		
24.Initial wt of thimble (gm)	1.4715	25.Final wt of thimble (gm)	1.4768
26.Wt. of PM (mg)	5.30	27.Particulate matter (mg/Nm <sup>3</sup> )	8.05 at 12 % CO <sub>2</sub>
28.Urometric Pressure Head (mm of Hg)	740	29.Diameter of the nozzle	9.525 mm
30.Others -		31. Thimble Number	4816
32. Sampled by	Mr. K. Modak, JEE		

11/08/2023

Date of Reporting

Junior Scientist, DRL

 11/08/2023  
Scientist, DRL

Copy to:

1. Chief Engineer - Operation & Execution, WBPCB
2. Chief Scientist, WBPCB
3. Env. Engineer (DRO) / Env. Engineer (ARO), WBPCB
4. Industry

**FOR KIC METALIKS LTD**  
**PRADIP DAS**  
**DY. MANAGER**



# INDICATIVE CONSULTANT INDIA

(GOVT. REGISTERED TEST HOUSE)



EMAIL : indicativeconsultantindia@gmail.com / indicativeconsultantindia.kol@gmail.com

## TEST REPORT

Date: 04.10.2023	Report No: ICI/II/A/RN-1042/2023	Format No: ICI/FM/II/61
Customer Name	M/s. KIC METALIKS LIMITED	Sample ID No : 2023/AC-1042
Address	Raturia, Angadpur, Durgapur -713215, Bardhaman	Sampling Date : 22.09.2023 to 23.09.2023
#Customer Representative Name & Contact Number	Mr. Pradip Das Mob. No. +91-9874943332	Analysis Start Date : 27.09.2023
#Work Order No.	KIC/ADMIN/2023-24/011 Dtd 21.09.2023	Analysis complete Date : 30.09.2023
#Sample Description	AMBIENT AIR	
#Location	NEAR TEMPLE (MANDIR)	
Sample Condition	In Glass Microfibre Filter Paper & Plastic Bottle, Suction of ambient air direct into analyser through Teflon tube and in Plastic Bottle	
Sampling Method	CPCB, Emission Regulation (Part III) / Air Sampling & Analysis 3 <sup>rd</sup> Edition, CPCB Guideline (Vol. - 1)	

Sl. No.	Parameter	Unit	SAMPLING TIME			24 Hours Average	Test Method
			08:00 AM to 04:00 PM	04:15 PM to 12:15 AM	12:30 AM to 08:30 AM		
1.	Respirable Particulate Matter (PM <sub>10</sub> )	µg / m <sup>3</sup>	75.57	92.05	71.45	79.69	IS 5182 (Part - 23) 2006 (RA 2017)
2.	Respirable Particulate Matter (PM <sub>2.5</sub> )	µg / m <sup>3</sup>	30.74	32.59	29.87	31.07	IS 5182 (Part - 24) 2019
3.	Sulphur Dioxide (SO <sub>2</sub> )	µg / m <sup>3</sup>	11.87	18.53	10.58	13.66	IS 5182 (Part - 2) 2001 (RA 2017)
4.	Oxides of Nitrogen (NO <sub>2</sub> )	µg / m <sup>3</sup>	34.75	43.56	32.08	36.80	IS 5182 (Part - 6) 2006 (RA 2017)
5.	Lead (Pb)	µg / m <sup>3</sup>	BLQ	BLQ	BLQ	BLQ	Guidelines for Measurement of ambient air pollutant (Vol. 1) NAAQMS/36/2012-13 Atomic AAS Method
6.	Benzene (C <sub>6</sub> H <sub>6</sub> )	µg / m <sup>3</sup>	BLQ	BLQ	BLQ	BLQ	IS 5182 (Part - 11) 2006 (RA 2017)
7.	Ammonia (NH <sub>3</sub> )	µg / m <sup>3</sup>	BLQ	BLQ	BLQ	BLQ	Method of Air Sampling & Analysis 3 <sup>rd</sup> Edition, 1988 Method No. 408
8.	Ozone (O <sub>3</sub> )	µg / m <sup>3</sup>	41.3	-	-	41.3	Guidelines for Measurement of ambient air pollutant (Vol. 1) NAAQMS/36/2012-13 (Chemical Method)
9.	Carbon Monoxide (CO)	mg / m <sup>3</sup>	0.2911	0.3316	0.4017	0.3415	Non-Dispersive Infrared Spectrometry Method
10.	Benzo(a)Pyrene (BaP)	ng / m <sup>3</sup>	BLQ	BLQ	BLQ	BLQ	IS 5182 (Part - 12) 2004 (RA 2019)
11.	Arsenic (As)	ng / m <sup>3</sup>	BLQ	BLQ	BLQ	BLQ	AAS Method
12.	Nickel (Ni)	ng / m <sup>3</sup>	BLQ	BLQ	BLQ	BLQ	AAS Method
13.	Ambient Temperature (Average)	°C	33.0	32.0	30.0	32.0	Hygrometer

BLQ= Below Limit of Quantification

Limit: (µg / m<sup>3</sup>) Ambient Air Quality standard (National)

PM<sub>10</sub>= 100 µg/m<sup>3</sup>, PM<sub>2.5</sub>=60 µg/m<sup>3</sup>, SO<sub>2</sub>=80 µg/m<sup>3</sup>, NO<sub>2</sub>=80 µg/m<sup>3</sup>, Lead=1.0 µg/m<sup>3</sup>, Ammonia=400 µg/m<sup>3</sup>, 24 hours basis, Carbon mono oxide=2 mg/m<sup>3</sup>, O<sub>3</sub>=100µg/m<sup>3</sup> 8hours basis, Benzene=5 µg/m<sup>3</sup>, Benzopyrene=1 ng/m<sup>3</sup>, Arsenic =6 ng/m<sup>3</sup>, Nickel=20ng/m<sup>3</sup>, Annual basis. For, Industrial, Residential, Rural & Other Area and Ecologically Sensitive Area

Ref: National Ambient Air Quality Standards vide Central Pollution Control Board, New Delhi Notification dated 15<sup>th</sup> November 2009

Prepared By: N. Mondal

Checked By: A. Patra

For, INDICATIVE CONSULTANT INDIA

Parbati Golui

(Quality Manager)

Signatory Authority

Parbati Golui

Quality Manager

INDICATIVE CONSULTANT INDIA

Test Witnessed By: Nil (Sampling was done in front of customer representatives)

Estimated Uncertainty: Not Required

Note:

- Information provided by customer
- Sample is drawn by M/s. Indicative Consultant India
- Sample submitted and identified by customer as NA
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- Retention period of tested samples (Filter Paper) is 180 days from the date of issue of test report unless otherwise specified.
- Location of Testing: Haldia Laboratory

End of Report

Page 1 of 1

CENTRAL LABORATORY : HPL Link Road, Basudevpur, Khanjanchak, Haldia, Purba Medinipur, Pin- 721602

Phone No. : 03224-275765, 9434017584, 9232395890, 7797506973

KOLKATA LABORATORY : B1-1/22/1-2, Santoshpur(M), Block-B, Maheshatala, Kolkata-700142, Mob. : 7797245890, 7797506973

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Towards Sustainable Growth

FOR KIC METALIKS LTD  
PRADIP DAS  
DY. MANAGER



# INDICATIVE CONSULTANT INDIA



(GOVT. REGISTERED TEST HOUSE)



EMAIL : indicativeconsultantindia@gmail.com / indicativeconsultantindia.kol@gmail.com

## TEST REPORT

Date: 04.10.2023	Report No: ICI/HIL/A/RN-1043/2023	Format No: ICI/FM/II/61
Customer Name	M/s. KIC METALIKS LIMITED	Sample ID No : 2023/AC-1043
Address	Raturia, Angadpur, Durgapur -713215, Bardhaman	Sampling Date : 22.09.2023 to 23.09.2023
#Customer Representative Name & Contact Number	Mr. Pradip Das Mob. No. +91-9874943332	Analysis Start Date : 27.09.2023
#Work Order No.	KIC/ADMIN/2023-24/011 Dtd 21.09.2023	Analysis complete Date : 30.09.2023
#Sample Description	AMBIENT AIR	
#Location	NEAR ADMINISTRATIVE BUILDING	
Sample Condition	In Glass Microfibre Filter Paper & Plastic Bottle, Suction of ambient air direct into analyser through Teflon tube and in Plastic Bottle	
Sampling Method	CPCB, Emission Regulation (Part III) / Air Sampling & Analysis 3 <sup>rd</sup> Edition, CPCB Guideline (Vol - I)	

Sl. No.	Parameter	Unit	SAMPLING TIME			24 Hours Average	Test Method
			08:30 AM to 04:30 PM	04:45 PM to 12:45 AM	01:00 AM to 09:00 AM		
1.	Respirable Particulate Matter (PM <sub>10</sub> )	µg / m <sup>3</sup>	66.55	78.46	70.14	71.72	IS 5182 (Part - 23) 2006 (RA 2017)
2.	Respirable Particulate Matter (PM <sub>2.5</sub> )	µg / m <sup>3</sup>	27.48	36.53	21.75	28.59	IS 5182 (Part - 24) 2019
3.	Sulphur Dioxide (SO <sub>2</sub> )	µg / m <sup>3</sup>	12.38	18.53	11.35	14.09	IS 5182 (Part - 2) 2001 (RA 2017)
4.	Oxides of Nitrogen (NO <sub>2</sub> )	µg / m <sup>3</sup>	33.59	42.74	32.13	36.15	IS 5182 (Part - 6) 2006 (RA 2017)
5.	Lead (Pb)	µg / m <sup>3</sup>	BLQ	BLQ	BLQ	BLQ	Guidelines for Measurement of ambient air pollutant (Vol. I) NAAQMS/36/2012-13 Atomic AAS Method
6.	Benzene (C <sub>6</sub> H <sub>6</sub> )	µg / m <sup>3</sup>	BLQ	BLQ	BLQ	BLQ	IS 5182 (Part - 11) 2006 (RA 2017)
7.	Ammonia (NH <sub>3</sub> )	µg / m <sup>3</sup>	BLQ	BLQ	BLQ	BLQ	Method of Air Sampling & Analysis 3 <sup>rd</sup> Edition, 1988 Method No. 408
8.	Ozone (O <sub>3</sub> )	µg / m <sup>3</sup>	41.7	-	-	41.7	Guidelines for Measurement of ambient air pollutant (Vol. I) NAAQMS/36/2012-13 (Chemical Method)
9.	Carbon Monoxide (CO)	mg / m <sup>3</sup>	0.2587	0.3547	0.4025	0.3386	Non-Dispersive Infrared Spectrometry Method
10.	Benzo(a)Pyrene (BaP)	ng / m <sup>3</sup>	BLQ	BLQ	BLQ	BLQ	IS 5182 (Part - 12) 2004 (RA 2019)
11.	Arsenic (As)	ng / m <sup>3</sup>	BLQ	BLQ	BLQ	BLQ	AAS Method
12.	Nickel (Ni)	ng / m <sup>3</sup>	BLQ	BLQ	BLQ	BLQ	AAS Method
13.	Ambient Temperature (Average)	°C	33.0	31.0	30.0	31.0	Hygrometer

BLQ= Below Limit of Quantification

Limit: (µg / m<sup>3</sup>) Ambient Air Quality standard (National)

PM<sub>10</sub>= 100 µg/m<sup>3</sup>, PM<sub>2.5</sub>=60 µg/m<sup>3</sup>, SO<sub>2</sub>=80 µg/m<sup>3</sup>, NO<sub>2</sub>=80 µg/m<sup>3</sup>, Lead=1.0 µg/m<sup>3</sup>, Ammonia=400 µg/m<sup>3</sup>, 24 hours basis, Carbon mono oxide=2 mg/m<sup>3</sup>, O<sub>3</sub>=100µg/m<sup>3</sup>, 8hours basis, Benzene=5 µg/m<sup>3</sup>, Benzopyrene=1 ng/m<sup>3</sup>, Arsenic =6 ng/m<sup>3</sup>, Nickel=20ng/m<sup>3</sup>, Annual basis. For, Industrial, Residential, Rural & Other Area and Ecologically Sensitive Area

Ref: National Ambient Air Quality Standards vide Central Pollution Control Board, New Delhi Notification dated 18<sup>th</sup> November 2009

Prepared By: N. Mondal

Checked By: A. Patra

For, INDICATIVE CONSULTANT INDIA

Parbati Golui  
(Quality Manager)  
Signatory Authority

Test Witnessed By: Nil (Sampling was done in front of customer representatives)  
Estimated Uncertainty: Not Required

Parbati Golui  
Quality Manager  
INDICATIVE CONSULTANT INDIA

- Note:
- Information provided by customer
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CENTRAL LABORATORY : HPL Link Road, Basudevpur, Khanjanchak, Haldia, Purba Medinipur, Pin- 721602

Phone No. : 03224-275765, 9434017584, 9232395890, 7797506973

KOLKATA LABORATORY : B1-1/22/1-2, Santoshpur(M), Block-B, Maheshkala, Kolkata-700142, Mob. : 7797245819, 7797506973

WEBSITE : www.indicativeconsultantindia.com

Towards Sustainable Growth

For KIC METALIKS LTD  
PRADIP DAS  
QUALITY MANAGER



# INDICATIVE CONSULTANT INDIA

(GOVT. REGISTERED TEST HOUSE)



EMAIL : indicativeconsultantindia@gmail.com / indicativeconsultantindia.kol@gmail.com

## TEST REPORT

Date: 04.10.2023	Report No: ICI/HLA/RN-1044/2023	Format No: ICI/FM/HU/61
Customer Name	M/s. KIC METALIKS LIMITED	Sample ID No
Address	Raturia, Angadpur, Durgapur -713215, Bardhaman	Sampling Date
#Customer Representative Name & Contact Number	Mr. Pradip Das Mob. No. +91-9874943332	Analysis Start Date
#Work Order No.	KIC/ADMIN/2023-24/011 Did. 21 09.2023	Analysis complete Date
#Sample Description	AMBIENT AIR	
#Location	AT THE BACK SIDE OF THE PLANT	
Sample Condition	In Glass Microfibre Filter Paper & Plastic Bottle, Suction of ambient air direct into analyser through Teflon tube and in Plastic Bottle	
Sampling Method	CPCB, Emission Regulation (Part III) / Air Sampling & Analysis 3 <sup>rd</sup> Edition, CPCB Guideline (Vol. - 1)	

Sl. No.	Parameter	Unit	SAMPLING TIME			24 Hours Average	Test Method
			09:00 AM to 05:00 PM	05:15 PM to 01:15 AM	01:30 AM to 09:30 AM		
1.	Respirable Particulate Matter (PM <sub>10</sub> )	µg / m <sup>3</sup>	72.74	82.97	68.32	74.68	IS 5182 (Part - 23) 2006 (RA 2017)
2.	Respirable Particulate Matter (PM <sub>2.5</sub> )	µg / m <sup>3</sup>	20.75	31.48	16.86	23.03	IS 5182 (Part - 24) 2019
3.	Sulphur Dioxide (SO <sub>2</sub> )	µg / m <sup>3</sup>	10.84	17.08	9.55	12.49	IS 5182 (Part - 2) 2001 (RA 2017)
4.	Oxides of Nitrogen (NO <sub>x</sub> )	µg / m <sup>3</sup>	32.43	36.85	29.54	32.94	IS 5182 (Part - 6) 2006 (RA 2017)
5.	Lead (Pb)	µg / m <sup>3</sup>	BLQ	BLQ	BLQ	BLQ	Guidelines for Measurement of ambient air pollutant (Vol. I) NAAQMS/36/2012-13 Atomic AAS Method
6.	Benzene (C <sub>6</sub> H <sub>6</sub> )	µg / m <sup>3</sup>	BLQ	BLQ	BLQ	BLQ	IS 5182 (Part - 11) 2006 (RA 2017)
7.	Ammonia (NH <sub>3</sub> )	µg / m <sup>3</sup>	BLQ	BLQ	BLQ	BLQ	Method of Air Sampling & Analysis 3 <sup>rd</sup> Edition, 1988 Method No. 408
8.	Ozone (O <sub>3</sub> )	µg / m <sup>3</sup>	41.8	-	-	41.8	Guidelines for Measurement of ambient air pollutant (Vol. I) NAAQMS/36/2012-13 (Chemical Method)
9.	Carbon Monoxide (CO)	mg / m <sup>3</sup>	0.2674	0.3411	0.3532	0.3206	Non-Dispersive Infrared Spectrometry Method
10.	Benzo(a)Pyrene (BaP)	ng / m <sup>3</sup>	BLQ	BLQ	BLQ	BLQ	IS 5182 (Part - 12) 2004 (RA 2019)
11.	Arsenic (As)	ng / m <sup>3</sup>	BLQ	BLQ	BLQ	BLQ	AAS Method
12.	Nickel (Ni)	ng / m <sup>3</sup>	BLQ	BLQ	BLQ	BLQ	AAS Method
13.	Ambient Temperature (Average)	°C	34.0	31.0	29.0	31.0	Hygrometer

BLQ= Below Limit of Quantification  
 Limit: (µg / m<sup>3</sup>) Ambient Air Quality standard (National)  
 PM<sub>10</sub>= 100 µg/m<sup>3</sup>, PM<sub>2.5</sub>=60 µg/m<sup>3</sup>, SO<sub>2</sub>=80 µg/m<sup>3</sup>, NO<sub>x</sub>=80 µg/m<sup>3</sup>, Lead=1.0 µg/m<sup>3</sup>, Ammonia=400 µg/m<sup>3</sup>, 24 hours basis, Carbon mono oxide=2 mg/m<sup>3</sup>, O<sub>3</sub>=100µg/m<sup>3</sup> 8hours basis, Benzene=5 µg/m<sup>3</sup>, Benzopyrene=1 ng/m<sup>3</sup>, Arsenic =6 ng/m<sup>3</sup>, Nickel=20ng/m<sup>3</sup>, Annual basis. For, Industrial, Residential, Rural & Other Area and Ecologically Sensitive Area  
 Ref: National Ambient Air Quality Standards vide Central Pollution Control Board, New Delhi Notification dated 18<sup>th</sup> November '2009

Prepared By: N. Mondal

Checked By: A. Patra

For, INDICATIVE CONSULTANT INDIA

Parbati Golui  
(Quality Manager)  
Signatory Authority

Parbati Golui  
Quality Manager  
INDICATIVE CONSULTANT INDIA

Test Witnessed By: Nil (Sampling was done in front of customer representatives)  
Estimated Uncertainty: Not Required

- Note:
- Information provided by customer
  - Sample is drawn by M/s. Indicative Consultant India.
  - Sample submitted and identified by customer as: NA
  - Test results shown in this test report relate only to the sample (s) only.
  - The test results referred in test report are based on observations & measurements under the stated environmental conditions.
  - The reproduction of the report except in full is invalid without written approval of the laboratory.
  - Once issued, the test report/certificate is in public domain and laboratory is not responsible for the authenticity of photocopied test report
  - Retention period of tested samples (Filter Paper) is 180 days from the date of issue of test report unless otherwise specified.
  - Location of Testing: Haldia Laboratory

End of Report

Page 1 of 1

CENTRAL LABORATORY : HPL Link Road, Basudevpur, Khanjanchak, Haldia, Purba Medinipur, Pin- 721602

Phone No. : 03224-275765, 9434017584, 9232395890, 7797506973

KOLKATA LABORATORY : B1-1/22/1-2, Santoshpur(M), Block-B, Maheshtala, Kolkata-700142, Mob. : 7797245819, 7797506970

WEBSITE

: www.indicativeconsultantindia.com

Towards Sustainable Growth

FOR KIC METALIKS LTD  
PRADIP DAS  
DY. MANAGER



# INDICATIVE CONSULTANT INDIA

(GOVT. REGISTERED TEST HOUSE)



EMAIL : indicativeconsultantindia@gmail.com / indicativeconsultantindia.kol@gmail.com

## TEST REPORT

Date: 04.10.2023	Report No: ICI/HLJA/RN-1045/2023	Format No: ICI/FM/II/61
Customer Name	M/s. KIC METALIKS LIMITED	Sample ID No : 2023/AC-1045
Address	Raturia, Angadpur, Durgapur -713215, Bardhaman	Sampling Date : 23.09.2023 to 24.09.2023
#Customer Representative Name & Contact Number	Mr. Pradip Das Mob. No. +91-9874943332	Analysis Start Date : 27.09.2023
#Work Order No.	KIC/ADMIN/2023-24/011 Dtd 21.09.2023	Analysis complete Date : 30.09.2023
#Sample Description	AMBIENT AIR	
#Location	NEAR PIG YARD	
Sample Condition	In Glass Microfibre Filter Paper & Plastic Bottle, Suction of ambient air direct into analyser through Teflon tube and in Plastic Bottle	
Sampling Method	CPCB, Emission Regulation (Part III) / Air Sampling & Analysis 3 <sup>rd</sup> Edition, CPCB Guideline (Vol. - 1)	

Sl. No.	Parameter	Unit	SAMPLING TIME			24 Hours Average	Test Method
			09:30 AM to 05:30 PM	05:45 PM to 01:45 AM	02:00 AM to 10:00 AM		
1.	Respirable Particulate Matter (PM <sub>10</sub> )	µg / m <sup>3</sup>	79.84	82.23	72.67	78.25	IS 5182 (Part - 23):2006 (RA 2017)
2.	Respirable Particulate Matter (PM <sub>2.5</sub> )	µg / m <sup>3</sup>	23.87	30.36	21.46	25.23	IS 5182 (Part - 24):2019
3.	Sulphur Dioxide (SO <sub>2</sub> )	µg / m <sup>3</sup>	9.85	15.23	10.43	11.84	IS 5182 (Part - 2):2001 (RA 2017)
4.	Oxides of Nitrogen (NO <sub>2</sub> )	µg / m <sup>3</sup>	32.86	38.57	30.65	34.03	IS 5182 (Part - 6):2006 (RA 2017)
5.	Lead (Pb)	µg / m <sup>3</sup>	BLQ	BLQ	BLQ	BDL	Guidelines for Measurement of ambient air pollutant (Vol. 1) NAAQMS/36/2012-13 Atomic AAS Method
6.	Benzene (C <sub>6</sub> H <sub>6</sub> )	µg / m <sup>3</sup>	BLQ	BLQ	BLQ	BDL	IS 5182 (Part - 11):2006 (RA 2017)
7.	Ammonia (NH <sub>3</sub> )	µg / m <sup>3</sup>	BLQ	BLQ	BLQ	BDL	Method of Air Sampling & Analysis 3 <sup>rd</sup> Edition, 1988 Method No. 408
8.	Ozone (O <sub>3</sub> )	µg / m <sup>3</sup>	42.3	-	-	42.3	Guidelines for Measurement of ambient air pollutant (Vol. 1) NAAQMS/36/2012-13 (Chemical Method)
9.	Carbon Monoxide (CO)	mg / m <sup>3</sup>	0.2688	0.3742	0.4068	0.3499	Non-Dispersive Infrared Spectrometry Method
10.	Benzo(a)Pyrene (BaP)	ng / m <sup>3</sup>	BLQ	BLQ	BLQ	BDL	IS 5182 (Part - 12):2004 (RA 2019)
11.	Arsenic (As)	ng / m <sup>3</sup>	BLQ	BLQ	BLQ	BDL	AAS Method
12.	Nickel (Ni)	ng / m <sup>3</sup>	BLQ	BLQ	BLQ	BDL	AAS Method
13.	Ambient Temperature (Average)	°C	33.0	32.0	30.0	32.0	Hygrometer

BLQ= Below Limit of Quantification

Limit: (µg / m<sup>3</sup>) Ambient Air Quality standard (National)

PM<sub>10</sub>= 100 µg/m<sup>3</sup>, PM<sub>2.5</sub>=60 µg/m<sup>3</sup>, SO<sub>2</sub>=80 µg/m<sup>3</sup>, NO<sub>2</sub>=80 µg/m<sup>3</sup>, Lead=1.0 µg/m<sup>3</sup>, Ammonia=400 µg/m<sup>3</sup>, 24 hours basis, Carbon mono oxide=2 mg/m<sup>3</sup>, O<sub>3</sub>=100µg/m<sup>3</sup> 8hours basis, Benzene=5 µg/m<sup>3</sup>, Benzopyrene=1 ng/m<sup>3</sup>, Arsenic =6 ng/m<sup>3</sup>, Nickel=20ng/m<sup>3</sup>, Annual basis. For, Industrial, Residential, Rural & Other Area and Ecologically Sensitive Area

Ref: National Ambient Air Quality Standards vide Central Pollution Control Board, New Delhi Notification dated 18<sup>th</sup> November 2009

Prepared By: N. Mondal

Checked By: A. Patra

For, INDICATIVE CONSULTANT INDIA

Parbati Goli

(Quality Manager)

Signatory Authority

Parbati Goli

Quality Manager

INDICATIVE CONSULTANT INDIA

Test Witnessed By: Nil (Sampling was done in front of customer representatives)

Estimated Uncertainty: Not Required

- Note:
- Information provided by customer
  - Sample is drawn by M/s. Indicative Consultant India
  - Sample submitted and identified by customer as: NA
  - Test results shown in this test report relate only to the sample (s) only.
  - The test results referred in test report are based on observations & measurements under the stated environmental conditions.
  - The reproduction of the report except in full is invalid without written approval of the laboratory.
  - Once issued, the test report/certificate is in public domain and laboratory is not responsible for the authenticity of photocopied test report
  - Retention period of tested samples (Filter Paper) is 180 days from the date of issue of test report unless otherwise specified.
  - Location of Testing: Haldia Laboratory

End of Report

Page 1 of 1

CENTRAL LABORATORY : HPL Link Road, Basudevpur, Khanjanchak, Haldia, Purba Medinipur, Pin- 721001

Phone No. : 03224-275765, 9434017584, 9232395890, 7797506973

KOLKATA LABORATORY : B1-1/22/1-2, Santoshpur(M), Block-B, Maheshtala, Kolkata-700142, Mob. : 7797245819, 7797506970

WEBSITE : www.indicativeconsultantindia.com

For KIC METALIKS LTD  
PRADIP DAS  
DI MANAGER

Towards Sustainable Growth

# 2 Nos OF WATER SPRINKLING VEHICLE'S



For KIC METALIKS LTD  
PRADIP DAS  
DY. MANAGER



# WATER SPRINKLER



FOR KIC METALIKS LTD  
PRADIP DAS  
DY. MANAGER

# WATER SPRINKLER



For KIC METALIKS LTD  
PRADIP DAS  
DY. MANAGER



"Sir RNM House", 3B, Lal Bazar Street  
4th Floor, Room No. 2, Kolkata - 700 001  
Phone : +91-33-4007 6552  
Fax : +91-33-4001 9636

KIC/POLLUTION/DIV/429/23-24

September 27, 2023

**M/s. THERMO FISHER SCIENTIFIC INDIA PVT. LTD**  
403-404, B-Wing Delphi, Hiranandani, MUMBAI 400076  
GST No. 27AABCT3207A1ZZ

Kind Attn: Mr. Arnab Rahut (M) 9874753399

Sub: Purchase Order for supply of Design, Engineering, Manufacturing and Supply, Supervision of Installation & Commissioning of Continuous Ambient Air Quality Monitoring System (CAAQMS) for our Steel Plant at Durgapur (WB) Ref : Your Qtn reference no. ORDER OF BEL No. 7000001069 Dated 29-06-2023 & Verbal received the of Calibrator

Dear Sir / Madam,

With reference to the above subject and subsequent discussion we had with you, we are pleased to place our Purchase Order in your favour for supply of Continuous Ambient Air Quality Monitoring system as per the following terms and conditions mention herein :

Sl. No.	Description	UOM	Qty	Unit/Price	Total Value
01	Supply of Design, Engineering, Manufacturing and Supply, Supervision of Installation & Commissioning of Continuous Ambient Air Quality Monitoring System (CAAQMS). CONTINUOUS AMBIENT AIR MONITORING SYSTEM WITH PORTA CABIN REQUIRE MEASURING PARAMETERS ARE: 01)NO-NO2-Nox Analyzer -1 Nos(Chemiluminescence)Model: 42i	Set	01	30,50,000	₹30,50,000.00
02	Multipoint calibrator, 220 Vc 50/60 Hz	Set	01	1,50,000	₹ 1,50,000.00
	INR :- Thirty Two Lacs Only				₹ 32,00,000.00

Supervision of Installation, Start-up, Commissioning, and on-site training: Lumpsum 3 days for supervision of installation, system start-up (travel time included) will be provided by you free of cost. Local conveyance, Lodging & Boarding, shall be provided by us at site.

NOTE: This order is subject to physical verification & inspection by our Engineer at your nominated plant where the offered model equipment to us has been installed. The running performance shall be witnessed by our visiting Engineer will be final. On satisfactory confirmation by our Engineer you can proceed to supply.

Drawing Submission: Drawing to be submitted to us for our approval before manufacturing

**General Terms:-**

- 1) Please quote PURCHASE ORDER reference in Invoice and all correspondence
- 2) Please return the accepted copy of this PO duly signed and stamped in each pages as a token of Receipt, if no written order acceptance is given to us within 7 days, we shall deem that the P.O has been accepted by you.

CIN : L01409WB1986PLC041169  
Factory : Raturia, Angadpur, Durgapur - 713 215, Phone : 98749 43345  
E-mail : info@kicmetaliks.com Website : www.kicmetaliks.com

**K I C METALIKS LTD**  
**PRADIP DAS**  
**DI. MANAGER**

- 3) The supplier shall comply with provision of the E.H.S (Environment Health & Safety) related documents during the supply of material as per Govt. guidelines if applicable.
- 4) Please submit all your dispatch documents, i.e. "Bill/Challan/GST Invoice etc along with supply of material."

**Commercial Terms and Conditions:-**

Delivery Terms: Ex Works Chaken, Pune

Payment Terms: Payment within 30 days

Price basis: Ex-works, Chakan, Pune.

Freight Charges: Inclusive. Transportation charges will be paid by M/s. Thermo Fisher.

Insurance: Insurance will be covered by KIC

Extra @ 18% is payable by us.

Material to be consigned

**Billing & Delivery:** - KIC METALIKS LIMITED, RATURIA, and DURGAPUR – 713 215, DIST: WEST BURDWAN, WEST BENGAL, Store Manager Mr. Sanjeet Jha (M) 9874943351

Terms of Payment: 90% payment within 30 days from the date of dispatch of material and 10% payment will be released after commissioning. If commissioning is delayed beyond 90 days from despatch due to reasons not attributable to Thermo Fisher, payment shall be released immediately. Please ensure that the original bill is sent along with material to Stores department. This will facilitate us processing payment.

**Dispatch Instruction** :-The material will be dispatched immediately and same will be kept in a secured place in factory. By 30<sup>th</sup> of September

Please ensure that the original bill is sent along with material to Stores department. This will facilitate us processing payment

Although to facilitate processing payment we prefer bills against each supply to be sent to stores department along with material

Mode of Transport: - By Road on door delivery and freight paid basis.

Packing & Forwarding: - The price is inclusive the packing charges. All articles should be properly packed to avoid breakage or pilferage of the material in transit.

**Deduction Schedule:** - In case any shortage / damage / reject will borne by you.

T.C. / G.C:- T.C. should be submitted along with supply of material and dispatch documents i.e. challan, invoice etc.

Warranty: 36 Months from the date of commissioning or 38 months from the date of supply whichever is earlier.

Consumables and Data Connectivity to Pollution Control Board is in your scope during the warranty period.

**Firm Price** : The contract price shall remain firm and binding during the tenure of the contract and shall not be subject to any escalation whatsoever not with-standing any change in the cost of materials/ labour/ transportation cost / otherwise which may take place as per the scope of supply

**Terms of Delivery:** - Timely delivery of the material shall be the essence of the contract and any failure on that score will entail the Buyer to Purchase the material from the market at the prevailing market rate at the cost and risk of the Seller without any prejudice to the right of the Buyer to the cancel of the order. On request of the "KIC Metaliks Ltd", Seller will arrange for necessary insurance

**KIC METALIKS LTD**  
**PRADIP DAS**  
**DY. MANAGER**

of the materials. Any loss or any breakage or damage to the material during any damage during transit due to any cause whatsoever shall be borne by the Seller.

**Responsibility.** Any demurrage, wharf age or similar charges which "KIC" have to undergo on account of the Seller's failure to book the goods in accordance with the order or due to late delivery of the L.R, shall be borne by the Seller and / or In case of any deviation in quality of materials supplied, prorata deduction shall be made from supplier's bill, considering the percentage of deviation.

**L.D. Clause for delayed Delivery**

In case of delay in delivery, for reasons solely attributable to supplier, supplier will pay liquidated damages @ 0.5% total value of this contract, per week of delay, however not exceeding 5% of the total supply order value.

**Dispute, Arbitration & Jurisdiction.**

All disputes which cannot be settled amicable under or in relation to the contract shall be resolve by reference to two Arbitrators under provision of Indian Arbitration and Conciliation Act 1996. Execution of the contract shall be governed by Indian Laws and regulation and subjected to jurisdiction of Law at Kolkata

Thanking you,

Yours faithfully,

For K I C METALIKS LIMITED

  
AUTHORISED SIGNATORY

Manager Purchase



  
For K I C METALIKS LTD  
PRADIP DAS  
DY. MANAGER



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ANNEXURE -- 8

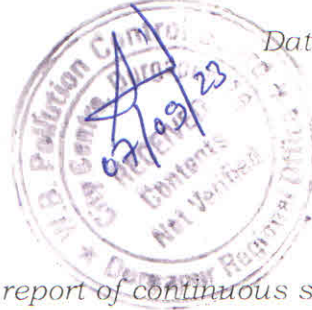
# K I C METALIKS LIMITED

"Sir RNM House" 3B, Lal Bazar Street,  
4th Floor, Room No. 2, Kolkata - 700 001  
Phone : +91-33-4007 6552  
Fax : +91-33-4001 9636

Ref. No. KIC/POLLU/2023-24/ 118

To  
**The Environmental Engineer**  
Durgapur Regional office,  
West Bengal Pollution Control Board  
City Centre, Durgapur - 16

Date 05.09.2023



**Sub:** Submitting monthly summary report of continuous stack emission and air quality monitoring.

Dear Sir,

With reference to the above subject, that we have submitted 3 months ( April'2023 to June' 2023 ) summary reports of continuous stack emission. Copy attached herewith for your perusal.

This is for your information and does the needful.

Regards,

Yours faithfully,  
**For KIC METALIKS LTD.**

**PRADIP DAS**  
Dy. Manager  
Mob. No.9874943332

Encl : as above

**CIN : L01409WB 1986PLC041169**

Factory : Raturia, Angadpur, Durgapur - 713 215, Phone : 98749 43345  
E-mail : info@kicmetaliks.com Website : www.kicmetaliks.com



*d/c*  
**K I C METALIKS LIMITED**

"Sir RNM House" 3B, Lal Bazar Street,  
4th Floor, Room No. 2, Kolkata - 700 001  
Phone : +91-33-4007 6552  
Fax : +91-33-4001 9636

Ref. No. KIC/POLLU/2023-24/ 119

To  
**The Environmental Engineer**  
Durgapur Regional office,  
West Bengal Pollution Control Board  
City Centre, Durgapur - 16



Date 05.09.2023

**Sub:** Submitting monthly summary report of continuous stack emission and air quality monitoring.

Dear Sir,

With reference to the above subject, we have submitted 2 months ( July 2023 to August'2023 ) summary reports of continuous stack emission. Copy attached herewith for your perusal.

This is for your information and does the needful.

Regards,

Yours faithfully,  
**For KIC METALIKS LTD.**

**PRADIP DAS**  
Dy. Manager  
Mob. No.9874943332

Encl : as above

**CIN : L01409WB 1986PLC041169**

Factory : Raturia, Angadpur, Durgapur - 713 215, Phone : 98749 43345  
E-mail : info@kicmetaliks.com Website : www.kicmetaliks.com



ale  
**K I C METALIKS LIMITED**

"Sir RNM House" 3B, Lal Bazar Street,  
4th Floor, Room No. 2, Kolkata - 700 001  
Phone : +91-33-4007 6552  
Fax : +91-33-4001 9636

Ref. No. KIC/POLLU/2023-24/ 142

To  
**The Environmental Engineer**  
Durgapur Regional office,  
West Bengal Pollution Control Board  
City Centre, Durgapur - 16

Date 17.10.2023



**Sub:** Submitting monthly summary report of continuous stack emission  
and air quality monitoring.

Dear Sir,

Please find enclosed herewith the monthly summary reports of continuous  
stack emission (for the month of September' 2023). Copy attached  
herewith for your perusal.

This is for your information and does the needful.

Regards,

Yours faithfully,  
**For KIC METALIKS LTD.**

**PRADIP DAS**  
Dy. Manager  
Mob. No.9874943332

Encl : as above

**CIN : L01409WB 1986PLC041169**

Factory : Raturia, Angadpur, Durgapur - 713 215, Phone : 98749 43345  
E-mail : info@kicmetaliks.com Website : www.kicmetaliks.com



**Recommendations made in the charter on Corporate Responsibility  
for Environmental Protection (CREP) guidelines for**

**INTEGRATED IRON & STEEL INDUSTRY**


No.	Condition	Compliance Status
1	Coke Oven Plant	We have not installed the Coke Oven Plant till now.
2	Steel Melting Shop	We have not installed the Steel Melting Shop till now
3	Blast Furnace	We have maintain the following documents :- 1. EC granted from MoEF & CC bearing F. No. J-11011/556/2009-IA-II (I) dated on 11.11.2019. 2. CTE (NOC) Issued from WBPCB, bearing M.No.1166-2N-07/2010 (E) dated on 10.12.2019. 3. CTO obtained from WBPCB bearing No. CO/28985 dated on 29.09.2020.
4	Solid waste/ Hazardous Waste Management	Please see <b>Form – 10</b> , for the hazardous waste disposal status upto 2023. <b>Please see Annexure - 19</b>
5	Water Conservation/ Water pollution	We have already installed Effluent Treatment Plant (ETP) and Sewage Treatment Plant (STP) for treatment of waste water and treated water for reused in process, dust suppression and plantation.
6	Installation of Continuous Stack & its calibration in major stack and seating up of the online ambient air quality monitoring station by June 2005	We have already installed 24x7 continuous emission monitoring system at process stacks to monitor stack emission with respect to standard prescribed in Environment (Protection) Rules 1986 issued vide G.S.R.277 (E) Dated 31 <sup>st</sup> March 2012 (Integrated iron & Steel Industry) and also connected to SPCB and CPCB online servers, and inform time to time calibrate the same.
7	To operate the existing pollution control equipment efficiency and to keep proper record of run hour, failure time and efficiency with immediate effect compliance report in this regard to submit to CPCB/ SPCB every three months.	Our pollution control equipment is operating continuously and also informs six month compliance report submitted time to time to Regional Pollution Control Board and MoEF.
8	To implement the recommendations of Life Cycle Assessment (LCA) study sponsored by MoEF by December 2003	Not Applicable.

FOR KIC METALIKS LTD  
PRADIP DAS  
DY. MANAGER

9		The industry will initiate the state to adopt the following clean technological measures to improve the performance of industry towards production, Energy Land Environment	
	A	Energy recovery of top blast furnace (BF) gas.	We have already installed 4.7 MW Power Plant for recovery of blast furnace (BF) gas and also using in stack heating and sinter plant.
	B	Use of Tar-free runner linings	We are using from very beginning Tar-free runner linings.
	C	De-dusting of cast House at tap holes and charging points.	It will be done in new upcoming project.
	D	Suppression of fugitive emissions using nitrogen gas or other inert gas.	Not Applicable
	E	To study the possibility of slag and fly ash transportation back to the abandoned mines, to fill up the cavities through empty railway wagons while they return back to the mines and its implementation.	Not Applicable as Blast Furnace Slag 100% saleable to Cement Industries and also inform that we are not generating any types of Fly Ash.
	F	Processing of the waste containing flux and ferrous wastes through waste recycling plant.	Not Applicable
	G	To implement rain water harvesting	Rain water harvesting already implemented and day to day improving the same.
	H	Reduction green house gases by	
		<ul style="list-style-type: none"> <li>• Reductions in power consumptions</li> </ul>	<p>We have taken various steps for reduction in power consumptions such as :</p> <ol style="list-style-type: none"> <li>1. We have started using LED Bulbs.</li> <li>2. Preventive Maintenance of all types of Motors.</li> <li>3. Clear instructions have been given to keep all electrical switches off when not in use.</li> <li>4. Using good quality wire.</li> <li>5. We have started replacing colored fiber sheets with white fiber sheets for roofing to reduce power consumption during day time and many other steps have been taken for reduction in power consumption. We have installed capacitor banks to reduce power consumption</li> </ol>
		<ul style="list-style-type: none"> <li>• Use of by-product gases for power generation</li> </ul>	
		<ul style="list-style-type: none"> <li>• Promotion of energy optimization technology including energy audit.</li> </ul>	We are in progress.

FOR KIC METALIKS LTD.  
  
 PRADIP DAS  
 DY. MANAGER

I	To set targets for resources conservations such as raw materials, energy and water consumption to match international standards	<p>Company taken various steps for resources conservation, such as:</p> <ol style="list-style-type: none"> <li>1. Fines from all types' raw materials are reusing.</li> <li>2. We are using Blast furnace gas in CPP, Stoves, PCI and Sinter plants.</li> <li>3. We have installed WHRS to collect heat from Stove flue gas.</li> <li>4. We have installed Coke drying system to recover heat from Sinter plants cooler.</li> <li>5. We are reusing water from ETP, STP and Rain water to adopt ZERO discharge.</li> <li>6. Water consumption per ton steel shall not exceed as per permission level of Pig Iron production.</li> </ol>
J	Up-gradations in the monitoring and analysis facilities for air and water pollution. Also to impart elaborate training to the manpower so that realistic data is obtained in the Environmental monitoring laboratories.	<p>Company day to day doing up gradation monitoring and analysis facilities for Air, Water and Sound pollutants such as:</p> <ol style="list-style-type: none"> <li>1. SPCB monitoring and analysis air and water four times in a year.</li> <li>2. NABL accredited Lab test and analysis four times.</li> <li>3. Companies own lab doing day to day water monitoring and analysis and also maintain a register.</li> <li>4. We have a <b>Sound Level Meter</b> for test the sound time to time at our work zone area and also measure the sound as per CPCB norms. And maintain the register.</li> </ol>
K	To improve overall house keeping	<p>Our Company day to day improving the overall housekeeping from department wise and also inform that our top management visiting the plant weekly. Accident minimizes housekeeping is our routing job. And also inform that every Saturday we have organized a "KAR SEVA" programme for collecting unused scrap from every departmental side area and storage the same for the sale.</p>
L	Sponge Iron plants	We have not installed the Sponge Iron Plant till now.

  
**FOR KIC METALIKS LTD**  
**PRADIP DAS**  
**DY. MANAGER**



# K I C METALIKS LIMITED

"Sir RNM House", 3B, Lal Bazar Street  
4th Floor, Room No. 2, Kolkata - 700 001  
Phone : +91-33-4007 6552  
Fax : +91-33-4001 9636

Ref. No. KIC/POLLU/2022-23/ 287

To  
**The Environmental Engineer**  
Durgapur Regional office,  
West Bengal Pollution Control Board  
City Centre, Durgapur - 16



Date 16.03.2023

Sub : Action taken report on engagement of vehicles for on-road water sprinkling to mitigate air pollution.

Ref : Memo No.2180-2/WPBD-OC (148 ) 2021

Dear Sir,

With reference to the above subject, that we have enclosed herewith Annexure- 1 & Annexure - 2 for details report of action plan on engagement of vehicles for on-road water sprinkling to mitigate air pollution. ( Report From 01.03.2023 to 15.03.2023 )

We would be obliged for your kind co-operation in this regard.

Regards,

Yours faithfully,  
**For KIC METALIKS LTD.**

**PRADIP DAS**  
Dy. Manager  
Mob. No.9874943332

Encl : as above

CIN : L01409WB 1986PLC041169

Factory : Raturia, Angadpur, Durgapur - 713 215, Phone : 98749 43345  
E-mail : info@kicmetaliks.com Website : www.kicmetaliks.com

**DETAILS REPORTS OF ROAD WATER SPRINKLING FROM 01.03.2023 TO 15.03.2023**

**ANNEXURE - 1**

SL.NO	DATE	PLACE OF ON ROAD WATER SPRINKLING	COVERAGE OF KILOMETER RUN	REMARKS
1	01.03.2023	RATURIA STREET & DCL MORE , DURGAPUR- 15.	10 KILOMETER	PHOTO ATTACHED
2	02.03.2023	ASISH NAGAR COLONY & DCL COLONY DURGAPUR- 15	05 KILOMETER	PHOTO ATTACHED
3	03.03.2023	INDUSRRIAL AREA & ANGADPUR MORE DURGAPUR- 15.	05 KILOMETER	PHOTO ATTACHED
4	04.03.2023	RATURIA - ANGADPUR INDUSTRIAL AREA & PALASTALA, DURGAPUR 15.	10 KILOMETER	PHOTO ATTACHED
5	05.03.2023	DPL COKEOVEN COLCONY & MAIN ROAD DURGAPUR -02.	05 KILOMETER	PHOTO ATTACHED
6	06.03.2023	RATURIA-ANGADPUR -IDUSTRIAL AREA & PALASTALA -DURGAPUR 15	10 KILOMETER	PHOTO ATTACHED
7	07.03.2023	DCL COLONY & INDUSTRIAL AREA DURGAPUR - 15	05 KILOMETER	PHOTO ATTACHED
8	08.03.2023	INDUSRRIAL AREA & ANGADPUR MORE DURGAPUR- 15.	10 KILOMETER	PHOTO ATTACHED
9	09.03.2023	RATURIA STREET & DCL MARKET, DURGAPUR- 15.	05 KILOMETER	PHOTO ATTACHED
10	10.03.2023	PALASTALA COLONY & HAHNEMANN SARANI , DURGAPUR -15	10 KILOMETER	PHOTO ATTACHED
11	11.03.2023	INDUSRRIAL AREA & ANGADPUR MORE DURGAPUR- 15.	10 KILOMETER	PHOTO ATTACHED
12	12.03.2023	ANGADPUR MORE & DCL INDUSTRIAL AREA , DURGAPUR -15	05 KILOMETER	PHOTO ATTACHED
13	13.03.2023	BREAK DOWN THE WATER TRANKER	00 KILOMETER	PHOTO NOT ATTA
14	14.03.2023	DPL COKEOVEN COLCONY & MAIN ROAD DURGAPUR -02.	10 KILOMETER	PHOTO ATTACHED
15	15.03.2023	RATURIA STREET & DCL MORE , DURGAPUR- 15.	05 KILOMETER	PHOTO ATTACHED



# K I C METALIKS LIMITED

"Sir RNM House", 3B, Lal Bazar Street  
4th Floor, Room No. 2, Kolkata - 700 001  
Phone : +91-33-4007 6552  
Fax : +91-33-4001 9636

Ref. No. KIC/POLLU/2023-24/ 299

To  
**The Environmental Engineer**  
Durgapur Regional office,  
West Bengal Pollution Control Board  
City Centre, Durgapur - 16



Sub: Action taken report on engagement of vehicles for on-road water sprinkling to mitigate air pollution.

Ref: Memo No.2180-2/WPBD-OC (148) 2021

Dear Sir,

With reference to the above subject, that we have enclosed herewith Annexure- 1 & Annexure - 2 for details report of action plan on engagement of vehicles for on-road water sprinkling to mitigate dust and air pollution. (Report from- 16.03.2023 to 31.03.2023)

We would be obliged for your kind co-operation in this regard.

Regards,

Yours faithfully,  
For KIC METALIKS LTD.

  
**PRADIP DAS**  
Dy. Manager  
Mob. No.9874943332

Encl: as above

**CIN : L01409WB 1986PLC041169**

Factory : Raturia, Angadpur, Durgapur - 713 215, Phone : 98749 43345  
E-mail : info@kicmetaliks.com Website : www.kicmetaliks.com

## DETAILS REPORTS OF ROAD WATER SPRINKLING FROM 16.03.2023 TO 31.03.2023

ANNEXURE - 1

SL.NO	DATE	PLACE OF ON ROAD WATER SPRINKLING	COVERAGE OF KILOMETER RUN	REMARKS
1	16.03.2023	RATURIA STREET & DCL MORE , DURGAPUR- 15.	10 KILOMETER	PHOTO ATTACHED
2	17.03.2023	RAINFALL	00 KILOMETER	PHOTO NOT ATTA
3	18.03.2023	RAINFALL	00 KILOMETER	PHOTO NOT ATTA
4	19.03.2023	RAINFALL	00 KILOMETER	PHOTO NOT ATTA
5	20.03.2023	RAINFALL	00 KILOMETER	PHOTO NOT ATTA
6	21.03.2023	RAINFALL	00 KILOMETER	PHOTO NOT ATTA
7	22.03.2023	RAINFALL	00 KILOMETER	PHOTO NOT ATTA
8	23.03.2023	RATURIA STREET & DCL MARKET, DURGAPUR-15.	05 KILOMETER	PHOTO ATTACHED
9	24.03.2023	INDUSRRIAL AREA & ANGADPUR MORE DURGAPUR- 15.	10 KILOMETER	PHOTO ATTACHED
10	25.03.2023	PALASTALA COLONY & HAHNEMANN SARANI , DURGAPUR -15	10 KILOMETER	PHOTO ATTACHED
11	26.03.2023	DPL COKEOVEN COLCONY & MAIN ROAD DURGAPUR -02.	10 KILOMETER	PHOTO ATTACHED
12	27.03.2023	ANGADPUR MORE & DCL INDUSTRIAL AREA , DURGAPUR -15	05 KILOMETER	PHOTO ATTACHED
13	28.03.2023	BREAK DOWN THE WATER TRANKER	00 KILOMETER	PHOTO NOT ATTA
14	29.03.2023	RATURIA STREET & DCL MARKET, DURGAPUR-15.	10 KILOMETER	PHOTO ATTACHED
15	30.03.2023	INDUSRRIAL AREA & ANGADPUR MORE DURGAPUR- 15.	10 KILOMETER	PHOTO ATTACHED
16	31.03.2023	RAINFALL	00 KILOMETER	PHOTO NOT ATTA

# RAW MATERIALS COVER WITH TARPAULIN



For KIC METALIKS LTD  
PRADIP DAS  
DY. MANAGER



COAL SHADE UNIT OF PCI (PULVERISED COAL INJECTION)



FOR KIC METALIKS LTD  
PRADIP DAS  
DY. MANAGER



# INDICATIVE CONSULTANT INDIA



(GOVT. REGISTERED TEST HOUSE)



EMAIL : indicativeconsultantindia@gmail.com / indicativeconsultantindia.kol@gmail.com

## TEST REPORT

Date: 04.10.2023	: Report No: ICI/HL/W/RN-1623A/2023	Format No: ICI/PM/II/67
Customer Name	: M/s. KIC METALIKS LIMITED	Sample ID No : 2023/W-1623A
Address	: Raturia, Angadpur, Durgapur -7132 15, Bardhaman	Sampling Date : 23.09.2023
#Customer Representative Name & Contact Number	: Mr. Pradip Das Mob. No. +91-9874943332	Sampling Time : 0:00 PM
		Analysis Start Date : 25.09.2023
		Analysis complete Date : 30.09.2023
#Work Order No.	: KIC/ADMIN/2023-24/011 Dtd. 21.09.2023	
#Sample Description	: EFFLUENT	
Sample Condition	: In Plastic Bottle & Glass Bottle	
Sampling Method	: IS:3025 (Part 1): 1987 (RA 2019), APHA 23 <sup>rd</sup> ed 2017	
#Location	: STP FINAL OUTLET	
#Material/ Test Specification	: Schedule - VI: General Standards for Discharge of Environmental Pollutants Part A: Effluents: The Environment (Protection) Rules, 1986	

Sl. No.	Parameters	Unit	Result	Schedule - VI: General Standards for Discharge of Environmental Pollutants Part A: Effluents**		Method Followed
				Inland Surface Water	Public Sewers	
1.	pH (at 25°C)	---	7.11	5.5-9.0	5.5-9.0	IS 3025(Part-11): 1983 RA 2017, APHA 23 <sup>rd</sup> Edition 4500-H <sup>+</sup> B
2.	Total Suspended Solid (TSS)	mg/L	94.0	100 mg/L (max)	600 mg/L (max)	IS 3025 (Part-17) 1984 RA 2017, APHA 23 <sup>rd</sup> Edition 2540D
3.	Chemical Oxygen Demand (COD)	mg/L	178.5	250 mg/L (max)	Not Specified	APHA 23 <sup>rd</sup> Edition 5220B
4.	Bio-Chemical Oxygen Demand (for 3 days at 27°C)	mg/L	27.0	30 mg/L (max)	350 mg/L (max)	IS 3025 (Part-44) 1993 RA 2019.
5.	Oil and Grease	mg/L	9.5	10 mg/L (max)	20 mg/L (max)	IS 3025 (Part-39) 1991 : RA 2019, APHA 23 <sup>rd</sup> Edition 5520B.

\*\*The Environment (Protection) Rules, 1986

For, INDICATIVE CONSULTANT INDIA

Prepared By: N. Mondal

Checked By: A. Patra

Parbati Golui  
(Quality Manager)  
Signatory Authority  
Parbati Golui  
Quality Manager  
INDICATIVE CONSULTANT INDIA

Test Witnessed By: Nil (Sampling was done in front of customer representatives)  
Estimated Uncertainty: Not Required

- Note:
1. # Information provided by customer
  2. Sample is drawn by M/s. Indicative Consultant India
  3. Sample submitted and identified by customer as: N.A.
  4. Test results shown in this test report relate only to the sample (s) only
  5. The test results referred in test report are based on observations & measurements under the stated environmental conditions.
  6. The reproduction of the report except in full is invalid without written approval of the laboratory
  7. Once issued, the test report certificate is in public domain and laboratory is not responsible for the authenticity of photocopied test report
  8. Retention period of tested samples (Water) is 10 days from the date of issue of test report unless otherwise specified.
  9. Location of Testing: Haldia Laboratory

Page 1 of 1

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

CENTRAL LABORATORY : HPL Link Road, Basudevpur, Khanjanchak, Haldia, Purba Medinipur, Pin - 751002  
Phone No. : 03224-275765, 9434017584, 9232395890, 7797506973

KOLKATA LABORATORY : B1-1/22/1-2, Santoshpur(M), Block-B, Maheshala, Kolkata-700142, Mob. : 7797245819, 7797506970

WEBSITE : www.indicativeconsultantindia.com

**INDICATIVE CONSULTANT INDIA**  
**KIC METALIKS LTD**  
**PRADIP DAS**  
**DI. MANAGER**

Analysis Report of Waste Water/Solid samples

Inspection Id:

U00500000150959110823645  
0 7 0 8 2 0 2 3 3 5 9 7

Identification Code:

Analysis Done At:



**WEST BENGAL POLLUTION CONTROL BOARD**  
Durgapur Regional Laboratory, Paribesh Bhawan, Durgapur-713 216

Mr. K. Modak, JEE

Sample Collected by (First name only in short) (As indicate in the label affixed to the sample container)	Date=> 07/08/2023	Office Code=>	00000011
--	-------------------	---------------	----------

Name of Unit / Source:	M/s. KIC Metaliks Ltd.
Address:	102 P.O.- Raturia P.S.- Coke Oven Dist.- Burdwan(W) Pin Code- 713215

Sl.	Sampling Details (Collection/Discharge)	T#/U#	Collection Time
1	Power House Discharge / recycled	U	1215

#Treated / Untreated

Parameters	Sample Serial Number
	1
TSS	10.00
COD	27.59
Zinc	BDL
Phosphate-P	0.013
pH (Unit)	9.01
Iron	BDL
O&G	< 1.00

\*All Parameters expressed in mg/l excepting pH

BDL : Below Detectable Limit, NT : Not Traceable , NE : Not Exerted, N.A. : Not Applicable

Remarks: Nil

07.09.2023  
Date of Reporting

*[Signature]*  
07/09/23  
Signature of (JS/S/SS)

*[Signature]* 07/09/2023  
Signature of In-Charge

- Copy to : 1. Chief Engineer - Operation & Execution, WBPCB  
2. Chief Scientist, WBPCB  
3. Durgapur Regional Office, WBPCB  
4. Industry

**FOR KIC METALIKS LTD**  
**PRADIP DAS**  
**DY. MANAGER**



# Cargo Inspectors & Superintendence Co. Pvt. Ltd.

(TESTING & ANALYTICAL SERVICE)

NABL Accredited Laboratory (as per ISO/IEC 17025:2017)  
Kasa Industrial Park, Unit No.: PEB - II, 1st Floor, Vill. & P.O.: Duila, Jalardhar  
Andul Road, Nimtala, P.S.: Sankrail, Dist.: Howrah - 711 302, West Bengal, India  
Mobile : 9674746484 • Email : lab\_kol@ciscoindia.in • Website : http://ciscoindia.org



## TEST REPORT

ULR No.: TC75252300000767F	Page 1 of 2
Discipline: Chemical	Report No : CISCO/KOL/2023/1051
Product Group: Water	Report Issue Date : 13.04.2023

Customer Name: KIC Metaliks Limited

Customer Address: Factory, Raturia, Angadpur,  
Durgapur, Pin-713215

Kind Attention: Mr. Pradip Das

### Sampling Details

Date of Sampling : 07.04.2023	Sampling Method/Technique : CISCO/KOL./MSP/012
Item Sampled : Ground Water	Quantity Sampled : 1 L
Sampling location : Borewell at the backside of the factory	Environmental condition during sampling : Ambient
Sampling done by : Bipul Sur	Any deviation Occurred during Sampling : NA

### Sample Details

Name of the sample : Ground Water	Sample Received Date : 08.04.2023
Sample type : Colourless liquid	Sample Registration Date : 08.04.2023
Unique identification no : CISCO/KOL/2023/1051	Sample Quantity received : 1 L
Batch/Lot No : NA	

### Analysis details

Starting Date: 08.04.2023

Completion Date: 12.04.2023

Sl No:	Parameters Tested	Unit of Measurement (UOM)	Method used	Limit of Quantification (LOQ)	Requirement /Specification	Test Result
1	pH at 25°C	-	APHA 23 <sup>rd</sup> Edn, 2017, 4500 H <sup>+</sup> A	-	6.5 – 8.5	6.56
2	Chloride	mg/L	APHA 23 <sup>rd</sup> Edn, 2017, 4500-Cl <sup>-</sup> B	-	250	59.50
3	Fluoride	mg/L	APHA 23 <sup>rd</sup> Edn, 2017, 4500-F-C	-	1.0	0.29
4	Total Hardness	mg/L	APHA 23 <sup>rd</sup> Edn, 2017, 2340 C	-	200	130.68
5	Iron as Fe	mg/L	CISCO/KOL/SOP/CEM/002	-	1.0	0.24
6	Lead as Pb	mg/L		0.008	0.01 (Max)	BLQ
7	Barium as Ba	mg/L		0.03	0.7 (Max)	BLQ
8	Zinc as Zn	mg/L		0.02	5.0 (Max)	BLQ

Regd. Office : 410/1, Block - G, Flat No. - 5, New Alipore, Kolkata - 700 053, India  
Phone : (033) 4000 6205 • Email : cisco@ciscoindia.in • Website : http://ciscoindia.org  
CIN : U74200WB1995PTC073377 • GSTIN : 19AABCC2673H1ZN

FOR KIC METALIKS LTD  
PRADIP DAS  
DY. MANAGER



# Cargo Inspectors & Superintendence Co. Pvt. Ltd.

(TESTING & ANALYTICAL SERVICE)

NABL Accredited Laboratory (as per ISO / IEC 17025:2017)

Kasa Industrial Park, Unit No. : PEB - II, 1st Floor, Vill. & P.O. : Duila, Jalardhar  
Andul Road, Nimtala, P.S. : Sankrail, Dist. : Howrah - 711 302, West Bengal, India  
Mobile : 9674746484 • Email : lab\_kol@ciscoindia.in • Website : http://ciscoindia.org




TC-7525


## TEST REPORT

ULR No.: TC752523000000767F	Page 2 of 2
Discipline: Chemical	Report No : CISCO/KOL/2023/1051
Product Group: Water	Report Issue Date : 13.04.2023

Sl No:	Parameters Tested	Unit of Measurement (UOM)	Method used	Limit of Quantification (LOQ)	Requirement/ Specification	Test Result	
9	Aluminum as Al	mg/L	CISCO/KOL/SOP/ CEM/002	0.02	0.03	BLQ	
10	Chromium as Cr	mg/L		0.01	0.05	BLQ	
11	Arsenic as As	mg/L		0.005	0.01	BLQ	
12	Silver as Ag	mg/L		0.008	0.1	BLQ	
13	Mercury as Hg	mg/L		0.0008	0.001	BLQ	
14	Manganese as Mn	mg/L		0.01	0.1	BLQ	
15	Nickel as Ni	mg/L		0.008	0.02	BLQ	
16	Selenium as Se	mg/L		0.003	0.01	BLQ	
17	Molybdenum as Mo	mg/L		0.005	0.07	BLQ	
18	Cadmium as Cd	mg/L		0.0008	0.003	BLQ	
19	Copper as Cu	mg/L		0.01	0.05	BLQ	
20	Boron as B	mg/L		IS : 3025 (Part -57)- 2005,(RA-2017)	0.125	0.5	BLQ

**Remarks:** Results relate only to the item tested. The sample conforms to the Requirements of IS: 10500: 2012 (Amendment 4) for the above mentioned parameters only. Requirement given as per IS: 10500: 2012 (Amendment 4).

  
Suvojit Das  
Chemist  
(Authorise Signatory)

  
Palas Bhore  
Sr. Chemist  
(Authorise Signatory)

...End of Test Report...

Report shall not be reproduced except in full without approval of the laboratory

Regd. Office: 410/1, Block - G, Flat No. - 5, New Alipore, Kolkata - 700 053, India  
Phone : (033) 4000 6205 • Email : cisco@ciscoindia.in • Website : http://ciscoindia.org  
CIN : U74200WB1995PTC073377 • GSTIN : 19AABCC2673H1ZN

  
PRADIP DAS  
DI-MANAGER  
For KIO METALIKS LTD

# STP (Sewage Treatment Plant)



FOR KIC METALICS LTD  
PRADIP DAS  
DY. MANAGER

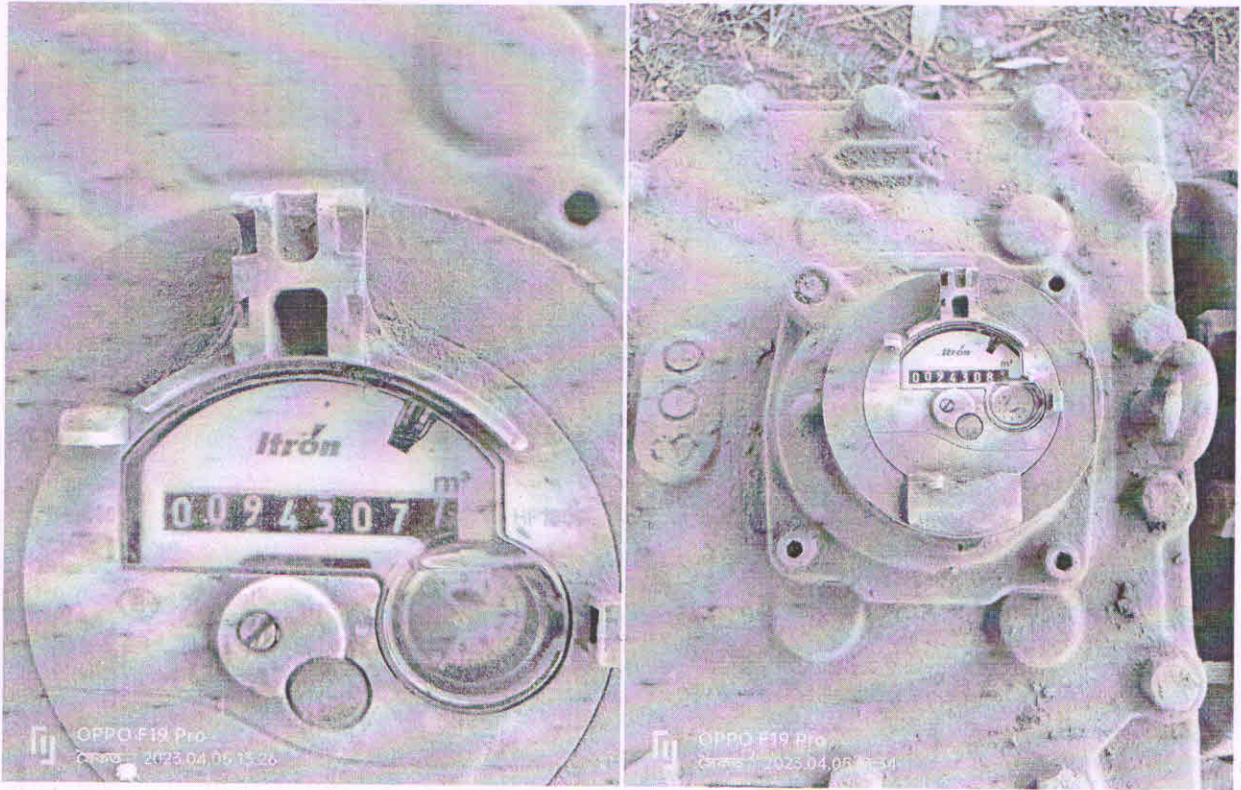


Fig., - Water Meter (Sinter Plant)

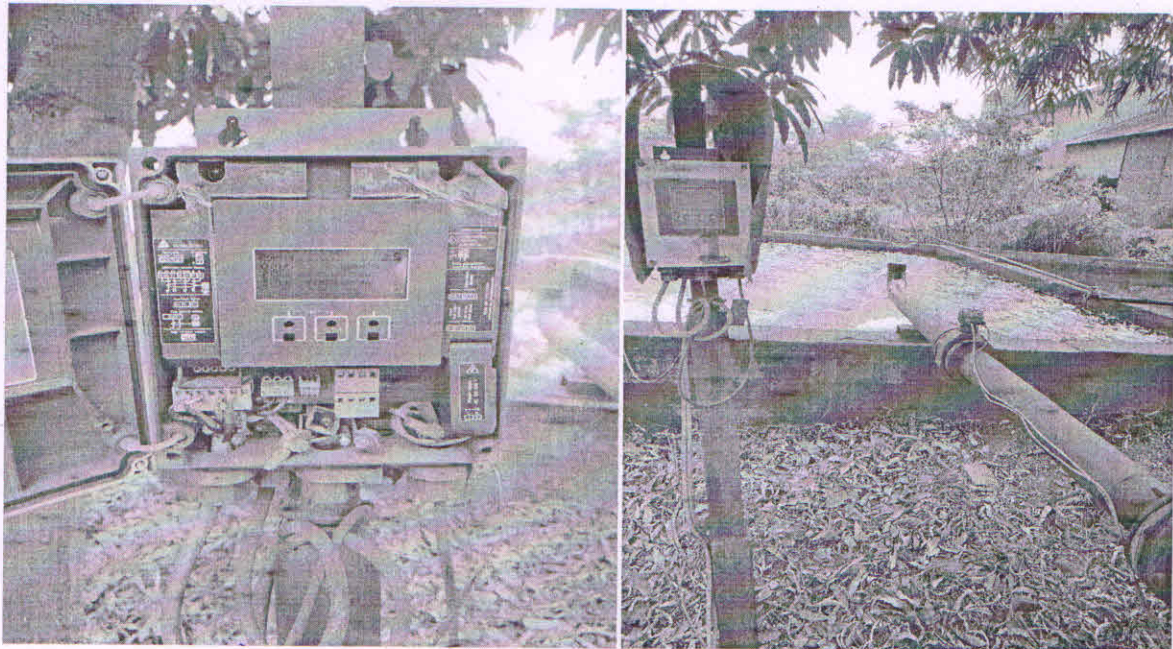


Fig.,- Water Meter (Captive Power Plant)

For KIC METALIKS LTD  
PRADIP DAS  
DY. MANAGER



# INDICATIVE CONSULTANT INDIA

(GOVT. REGISTERED TEST HOUSE)



EMAIL : [indicativeconsultantindia@gmail.com](mailto:indicativeconsultantindia@gmail.com) / [indicativeconsultantindia.kol@gmail.com](mailto:indicativeconsultantindia.kol@gmail.com)

## TEST REPORT

Date: 04.10.2023	Report No: ICI/IL/N/TC-176A/2023	Format No: ICI/FM/II/68
Customer Name	M/s. KIC METALIKS LIMITED	
Address	Raturia, Angadpur, Durgapur -7132 15, Bardhaman	
#Customer Representative Name & Contact No.	Mr. Pradip Das Mob. No. +91-9874943332	
#Work Order No.	KIC/ADMIN/2023-24/011 Dtd. 21.09.2023	
#Sample Description	AMBIENT NOISE	
Sampling Method	By Digital Noise Meter	
Test Method	IS 9989:1981 (RA 2020)	
<b>Monitoring Details:</b>		
Height from the floor	1.5 M	Total Time (T) : 18 Min
Distance of Source	3.0 M	Difference (dt) : 2 Min

#Noise Source/ Location: NEAR MAIN GATE						DAY TIME
Sample ID	Sampling Date	Sampling Time	Results dB(A)			Limit* dB(A)
			Equivalent Noise (L <sub>eq</sub> ) dB(A)	Maximum Noise (L <sub>max</sub> ) dB(A)	Minimum Noise (L <sub>min</sub> ) dB(A)	
2023/N-950A	22.09.2023	11:15 AM	70.97	72.8	68.7	As per note

#Noise Source/ Location: BACK SIDE OF PLANT						DAY TIME
Sample ID	Sampling Date	Sampling Time	Results dB(A)			Limit* dB(A)
			Equivalent Noise (L <sub>eq</sub> ) dB(A)	Maximum Noise (L <sub>max</sub> ) dB(A)	Minimum Noise (L <sub>min</sub> ) dB(A)	
2023/N-950B	22.09.2023	02:40 PM	67.45	71.4	68.9	As per note

#Noise Source/ Location: NEAR SINTER PLANT						DAY TIME
Sample ID	Sampling Date	Sampling Time	Results dB(A)			Limit* dB(A)
			Equivalent Noise (L <sub>eq</sub> ) dB(A)	Maximum Noise (L <sub>max</sub> ) dB(A)	Minimum Noise (L <sub>min</sub> ) dB(A)	
2023/N-950C	22.09.2023	04:05 PM	73.51	72.7	69.3	As per note

#Noise Source/ Location: NEAR MAIN GATE						NIGHT TIME
Sample ID	Sampling Date	Sampling Time	Results dB(A)			Limit* dB(A)
			Equivalent Noise (L <sub>eq</sub> ) dB(A)	Maximum Noise (L <sub>max</sub> ) dB(A)	Minimum Noise (L <sub>min</sub> ) dB(A)	
2023/N-950D	22.09.2023	10:05 PM	71.54	72.7	67.8	As per note

#Noise Source/ Location: BACK SIDE OF PLANT						NIGHT TIME
Sample ID	Sampling Date	Sampling Time	Results dB(A)			Limit* dB(A)
			Equivalent Noise (L <sub>eq</sub> ) dB(A)	Maximum Noise (L <sub>max</sub> ) dB(A)	Minimum Noise (L <sub>min</sub> ) dB(A)	
2023/N-950E	22.09.2023	10:55 PM	68.04	71.7	65.8	As per note

#Noise Source/ Location: NEAR SINTER PLANT						NIGHT TIME
Sample ID	Sampling Date	Sampling Time	Results dB(A)			Limit* dB(A)
			Equivalent Noise (L <sub>eq</sub> ) dB(A)	Maximum Noise (L <sub>max</sub> ) dB(A)	Minimum Noise (L <sub>min</sub> ) dB(A)	
2023/N-950F	22.09.2023	11:25 PM	71.41	73.6	69.4	As per note

Page 1 of 2

Dr. P. G. G. G.  
Parbati Ghosal  
Quality Manager  
INDICATIVE CONSULTANT INDIA

CENTRAL LABORATORY : HPL Link Road, Basudevpur, Khanjanchak, Haldia, Purba Medinipur, Pin- 721602  
Phone No. : 03224-275765, 9434017584, 9232395890, 7797506973

KOLKATA LABORATORY : B1-1/22/1-2, Santoshpur(M), Block-B, Maheshtala, Kolkata-700142, Mob. : 7797245819, 7797506970  
WEBSITE : [www.indicativeconsultantindia.com](http://www.indicativeconsultantindia.com)

Towards Sustainable Growth

For KIC METALIKS LTD  
DR. PRADIP DAS  
QUALITY MANAGER





# INDICATIVE CONSULTANT INDIA



(GOVT. REGISTERED TEST HOUSE)



EMAIL : indicativeconsultantindia@gmail.com / indicativeconsultantindia.kol@gmail.com

## TEST REPORT

Date: 04.10.2023	: Report No: ICI/HIL/NTC-176A/2023	Format No: ICI/FMTU/68
Customer Name	: M/s. KIC METALIKS LIMITED	
Address	: Raturia, Angadpur, Durgapur -7132 15, Bardhaman	
#Customer Representative Name & Contact No.	: Mr. Pradip Das Mob. No. +91-9874943332	
#Work Order No.	: KIC/ADMIN/2023-24/011 Dtd. 21.09.2023	
#Sample Description	: AMBIENT NOISE	
Sampling Method	: By Digital Noise Meter	
Test Method	: IS 9989:1981 (RA 2020)	
Monitoring Details:		Total Time (T) : 18 Min
Height from the floor	: 1.5 M	Difference (dt) : 2 Min
Distance of Source	: 3.0 M	

\*Note:

## NOISE STANDARD

Area Code	Category of Area/Zone	Limits dB (A) Leq	
		Day Time (06:00 AM to 10:00 PM)	Night Time (10:00 PM to 06:00 AM)
A	Industrial Area	75	70
B	Commercial Area	65	55
C	Residential Area	55	45
D	Silence Zone	50	40

Source: The Noise Pollution (Regulation & Control) Rules, 2000

For, INDICATIVE CONSULTANT INDIA

Prepared By: N. Mondal

Checked By: A. Patra

Parbati Golui  
(Quality Manager)  
Signatory Authority  
Parbati Golui  
Quality Manager  
INDICATIVE CONSULTANT INDIA

Test Witnessed By: Sampling was done in front of customer's representative  
Estimated Uncertainty: Not Required

- Note:
1. # Information provided by customer
  2. Sample is drawn by M/s. Indicative Consultant India
  3. Sample submitted and identified by customer as: N.A.
  4. Test results shown in this test report relate only to the sample (s) only
  5. The test results referred in test report are based on observations & measurements under the stated environmental conditions.
  6. Noise data was recorded at the customer site in presence of customer's representative.
  7. Once issued, the test report/certificate is in public domain and laboratory is not responsible for the authenticity of photocopied test report
  8. The reproduction of the report except in full is invalid without written approval of the laboratory
  9. Location of Testing: Plant Site & Report was generated from Haldia Laboratory

Page 2 of 2

End of Report

CENTRAL LABORATORY : HPL Link Road, Basudevpur, Khanjanchak, Haldia, Purba Medinipur, Pin-721602  
Phone No. : 03224-275765, 9434017584, 9232395890, 7797506973  
KOLKATA LABORATORY : B1-1/22/1-2, Santoshpur(M), Block-B, Maheshwala, Kolkata-700142, Mob: 7797245819, 7797506970  
WEBSITE : www.indicativeconsultantindia.com

For KIC METALIKS LTD  
DI. PRADIP DAS  
DI. MANAGER

Towards Sustainable Growth

**K I C METALIKS LIMITED**

"Sir RNM House", 3B, Lal Bazar Street  
4th Floor, Room No. 2, Kolkata - 700 001  
Phone : +91-33-4007 6552  
Fax : +91-33-4001 9636

**PURCHASE ORDER (POLLUTION-DIV)**

M/s. EXIDE BATTERY CENTRE	P.O. No:	KIC/POLLUTION/DIVISION/817/22-23
Kusumtala. Muchipara, Durgapur-713212	P.O. Date:	27-03-2023
GST No:- 19AABFE9191K1ZX	Ref No & Dt:	EBC/KIC/56/22-23 Dated 05-08-2022
Sales Person : A.K ROY	Indent No & Dtd	Verbal As per P.Das
Contact No : 9233356944	Contact No :	SK Sinha (9874943360/8910342620)
Email id : exidebatterycentre@gmail.com	Email id :	sanjit@kicmetaliks.com

Dear Sir/Madam,

With reference to the above and subsequent discussion had with you, we are pleased to place our Purchase Order in your favour for supply of following items. This Purchase Order is supersced all terms & condition of your offer and all supply are made against P.O terms as specified in:

SL NO	HSN Code	MATERIAL DESCRIPTION	UOM	QTY	UNIT RATE	DISC. AMT/ DISC %	DISCOUNTED AMOUNT	TOTAL VALUE	
1	8541	<b>SOLAR PANEL</b>	Nos	1	365000	8%	335800	₹ 3,35,800	
		335 WATTS/15 Nos Panel, 5.3 ONGRID INVERTER, 3Phase, AC DB, DC DB, Earthing, G.I Structure,Installation, Make UTL,							
		Warranty for inverter 3 Years & Solar Panel for 25 Years (Make UTL)							
Commercial Terms & Condition :							Gross Value	₹ 3,35,800	
Price Basis	F.O.R -DURGAPUR								
Delivery Schedule	2/3 weeks fromthe date of order							Sub Total - 1	₹ 3,35,800
Mode of Payment	Against P. I							C.G.S.T 14%	₹ 47,012
Mode of Transport	By Road							S.G.S.T 14%	₹ 47,012
Guarantee	2 Years free service incluve							Net Value	₹ 4,29,824
Freight	Inclusive							Rounded Off	0
Bill to, Delivery to & Consignee	K I C METALIKS LIMITED, RATURIA, DURGAPUR – 713 215, DIST: BURDWAN, WEST BENGAL) Store Manager Mr. Sanjit Jha (M) 9874943351							Order Value	₹ 4,29,824

Our Statutory Detials : G.S.T No. 19AABCK3058J1ZD

\* Please quote PURCHASE ORDER reference in Invoice and all correspondence


\* Please sign &amp; return the attached copy as a token of Receipt, if no written order acceptance is given to us within 2 days , we shall deem that the P.O has been accepted by you.

\* The supplier shall comply with provision of the E.H.S (Environment Health &amp; Safety) related documets during the supply of mateial as per Govt.guidelines if applicable.

\* Pls submit one set despatch documets , i.e Bill/Challan /GST Invoice etc along with supply of mateial. All despatch should be raised on our works address only. One copy of said documets should be send at our Head Office address to accounts department for further accounting purpose.

(INR:- Four Lacs Twenty Nine Thousand Eight Hundred Twenty Four Only)

For KIC METALIKS LIMITED

  
 Authrised Signatory

For KIC METALIKS LTD

PRADIP DAS  
DY. MANAGER

CIN : L01409WB 1986PLC041169

Factory : Raturia, Angadpur, Durgapur - 713 215, Phone : 98749 43345

E-mail : info@kicmetaliks.com Website : www.kicmetaliks.com

FORM 10  
{ See Rule 19 (1) }

**MANIFEST FOR HAZARDOUS AND OTHER WASTE**

1.	Sender's name and mailing address (including Phone No. and e-mail)	KIC METALIKS LTD. Angas Pur, Ratuia, Durgapur-15
2.	Sender's authorisation No.	233/25(HW)-3503/2018
3.	Manifest Document No.	BHOI/PVO/41/2022-23
4.	Transporter's name and address : (including Phone No. e-mail)	BA MA OIL INDUSTRIES. Panchayat Road, Vill-Kharial, P.O. Dankuni CC, Dist - Hooghly - 712310
5.	Type of vehicle	(Truck/Tanker/Special Vehicle)
6.	Transporter's registration No.	110/25 (HW) - 155/98-99
7.	Vehicle registration No.	WB 15C 2343
8.	Receiver's name and mailing address (including Phone No. and e-mail )	<b>BA-MA OIL INDUSTRIES</b> <b>PANCHAYAT ROAD, VILL-KHARIAL</b> P.O. DANKUNI CC. DIST.-HOOGHLY -712310 2674-1678, 2659-2183, bmoind@yahoo.co.in
9.	Receiver's authorisation No.	110/25 (HW) - 155/98-99
10.	Waste description	used oil / waste oil
11.	Total quantity No. of Containers	..... 3360 LIT ..... or MT ..... 10 ..... Nos.
12.	Physical form	(Solid/ Semi Solid/ Sludge/Oily/Tarry//SlurryLiquid)
13.	Special handling instructions and additional information	Handle with care
14.	Sender's Certificate	I hereby declare that the contents of the consignment are fully and accurately described above by proper shipping name and are categorised, packed, marked, and labelled, and are in all respects in proper conditions for transport by road accordind to applicable national government regulations.
15.	Name and stamp. Signature	Month Day Year 0 2 2 5 2 0 2 3
	Transporter acknowledgement of receipt of wasges Signature	Month Day Year 0 2 2 5 2 0 2 3
16.	Name and stamp. Signature	Month Day Year 0 2 2 5 2 0 2 3
	Receiver's certification for receipt of hazardous and other waste Signature	Month Day Year 0 2 2 5 2 0 2 3

Forwarded to WBPCB, by sender,

**For KIC METALIKS LTD**

**PRADIP DAS**  
DY. MANAGER

FORM 10

1st Copy

WEST BENGAL WASTE MANAGEMENT LIMITED

J.L. No. – 80, Vill. : Pabayan, P.O. : Bishjore, P.S. : Saltora, Bankura, W.B. 722158

MANIFEST FOR HAZARDOUS AND OTHER WASTE

1	Sender's name and mailing address (including Phone No. and e-mail) :	M/s KIC METALIKS LTD, Ratuwa, Angadpur, Durgapur - 713215		
2	Sender's authorization No. :			
3	Manifest Document No. :	1 <b>419</b>		
4	Transporter's name and address (including Phone No. and e-mail) :	West Bengal Waste Management Limited J.L. No. – 80, Mouza : Pabayan, P.S. : Saltora, Dist. : Bankura West Bengal, Pin- 722158		
5	Type of vehicle :	(Truck/Tanker/Special Vehicle)		
6	Transporter's registration No. :	1-MD(E)/X/06		
7	Vehicle registration No. :	WB 31N-0098		
8	Receiver's name and mailing address (including Phone No. and e-mail) :	West Bengal Waste Management Limited J.L. No. – 80, Mouza : Pabayan, P.S. : Saltora, Dist. : Bankura West Bengal, Pin- 722158		
9	Receiver's authorization No. :			
10	Waste description :			
11	Total quantity No. of Containers :	1.060 MT ..... m <sup>3</sup> or MT ..... Nos.      used hand gloves (0.6 MT) Rejected Safety shoes (0.4 MT) oil filter (0.06 MT)		
12	Physical form :	(Solid/Semi-Solid/Sludge/Oily/Tarry/Slurry/Liquid)		
13	Special handling instructions and additional information			
14	Sender's Certificate	I hereby declare that the contents of the consignment are fully and accurately described above by proper shipping categorized, packed, marked and name and are labeled and are in all respects in proper conditions for transport by road according to applicable National Government Regulations.		
	Name and stamp	Signature FOR KIC METALIKS LTD PRADIP DAS DY. MANAGER	Day 2	Month 2
15	Transporter acknowledgement of receipt of Wastes :			
	Name and stamp	Signature	Day 2	Month 2
16	Receiver's certification for receipt of hazardous and other waste :			
	Name and stamp	Signature	Day 2	Month 2

1. White Colour forwarded to WBPCB by HzW Sender
3. Pink Colour retained by HzW Receiver
5. Green Colour forwarded to WBPCP offer disposal by HzW Receiver

2. Yellow Colour retained by HzW sender
4. Orange Colour retained by transporter
6. Blue Colour returned to sender after disposal by HzW Receiver

FOR KIC METALIKS LTD  
PRADIP DAS  
DY. MANAGER

Form No 97  
[Vide Rules 17 & 249 ]  
DURGAPUR Municipal Corporation

Receipt Voucher

No. 1059  
Date 13-04-2021

Received From PRADIP DAS

On Account of (Account Head)	Amount	Remarks (if any)
1405005 GARBAGE COLLECTION FEES	36000.00	01/04/21 TO 31/03/22
-----	-----	-----
-----	-----	-----
-----	-----	-----
-----	-----	-----
-----	-----	-----
<b>T O T A L</b>	<b>36000.00</b>	

USER CHARGE  
The Sum of Rupees Thirty Six Thousand Only

(in Figures) Rs.\*\*\*36000.00 [Cash:\*\*\*\*\*0.00 , Chq/DD:\*\*\*\*36000.00]  
Chq/DD Detail:No.46880/ Dt 08/04/21 Amt 36000.00 On YES

  
Cashier  
RAJKUMAR 13-04-21 12:44 PM



  
PRADIP DAS  
DR. MANAGER  
FOR KJC METALLICS LTD

Vice Chairman/Auth. Signatory

MINISTRY OF ENVIRONMENT AND FOREST  
EASTERN REGIONAL OFFICE  
A/3, CHANDRASEKHARPUR, BHUBANESWAR – 751023  
FORMATE FOR PROVIDING PARTICULARS ON GREEN BELT/PLANATATION  
UNDER F( C )ACT 1980 AND E ( P ) ACT 1986

- |   |   |   |
|---|---|---|
| 1 | a) Name of the project<br>b) Env./Forest Clearance Nos.   | KIC METALIKS LTD.<br>F.No.J-11011/556/2009-1A II (I)  |
| 2 | Location, Block/Sub.Divn./Dist/State  | DURGAPUR/DURGAPUR/WEST BURDWAN/WB   |
| 3 | Address for Communication   | RATURIA ANGADPUR INDUSTRIAL AREA, DIST : WEST<br>BURDWAN , PS – COKE OVEN, DGP, WB  |
| 4 | Existing vegetation in the area/region  |   |
|   | a) Species( trees/shrubs/grasses/climbers)  | Sal, Segun, Neem, Series, Karanj, Sonajhuri, Mango<br>Bokul, Mehagini, Debbaru, Lambo, Kadam, Bay leaf,<br>Jackfruit etc. |
|   | b) Major prevalent species of each type.  |   |
| 5 | Land coverage by the project  |   |
|   | a) Total area under the Project   | 75.73 acars   |
|   | b) Area covered for basic infrastructure<br>(roads/building/ factory etc.                                 | 30%   |
| 6 | Details about natural vegetation  |   |
|   | a) Name and number of trees/ species felled   | Name of Trees in point 4 (a) and Numbers of Trees in<br>point 8 (b & c).  |
|   | b) Name and number of plant species still<br>available in the area  | 15754   |
|   | c) By protecting the area will indigenous stock<br>come up  | There are no specific indigenous species found.   |
|   | d) Extent of greenbelt developed  | 33%   |
| 7 | Plantation required to be carried out as per  |   |
|   | a) Condition of Environmental clearance in ha.<br>/ Nos.<br>Condition for Forest Act (c) clearance in ha. | Not mentioned   |
|   | b) /Nos.  |   |
|   | c) Voluntarily in ha. / Nos.  |   |

**For KIC METALIKS LTD**  
**PRADIP DAS**  
**DY. MANAGER**

8 Details of plantation

a) Total area available for plantation in each category

Total 25 Acres (approx)

i) Green Belt ii) Dumps iii) Back filled area iv) Road sides v) Block plantation

21 Acres	N/A	2 Acres	1.5 Acres	2 Acres
----------	-----	---------	-----------	---------

b) Plantation details ( category wise & methodology used )

Year of plantation	Species planted	Spacing	Height attained	Total area covered	Area still available
	15754 Nos.	1M-2M	1M - 18M	25 Acres ( Approx )	Acres (approx)
c)	Survival of plantation	2018 - 2019	2019 - 2020	2020 - 2021	2021 - 2022
	Total plantations(No.)	6065	1250	5045	1022
	Survival (No.)	6000	1232	5000	1000
	Survival	6000	1232	5000	1000
					2550
					2522
					2522

9 Agency carrying out plantation and maintenanc We have separate department for Plantation and Gardening

10 Financial details ( year wise) plantation wise and item wise

Sl. No	Year	Funds allocated	Expenditure made	Average cost of each surviving plant in RS.	As per requirement.
--------	------	-----------------	------------------	---	---------------------

11 Inspection of plantation by field experts and their comments and follow up actions  
Weekly inspection of plantation by field experts and based on their comments we take immediate steps.

12 Remarks/ any other information  
Our intention is to increase the number of plantation every year by maximum limit.

FOR KIC METALIKS LTD  
PRADIP DAS  
DY. MANAGER

## GREEN HOUSE GAS GENERATION

KIC METALIKS LTD.

RATURIA, ANGADPUR, DURGAPUR – 15

Total CO<sub>2</sub> gas generation amount is 13826.83 Nm<sup>3</sup>/hr.

No NO<sub>x</sub> generation.

FOR KIC METALIKS LTD  
PRADIP DAS  
DY. MANAGER





"Sir RNM House" 3B, Lal Bazar Street,  
4th Floor, Room No. 2, Kolkata - 700 001  
Phone : +91-33-4007 6552  
Fax : +91-33-4001 9636

## Medical Test Status Report ( 2023-2024 )

KIC Metaliks Limited have organized a Medical Health checkup camp from 26.07.2023 to 29.07.2023, where we have tested (BLOOD, E.C.G, P.F.T, AUDIO METRY and CHEST X-RAY) to all employee including contractor workers and distribute the reports everyone's within few days.

Sl. No.	Department Name	Total Employee (Company)	All Medical Test Report
1	KICML Employee	254	Done
<b>Total Employee</b>			<b>254</b>

Sl. No.	Name of Contractor	Total Employee (Contractor)	All Medical Test Report
1	M/s. John & Co.	118	Done
2	M/s. Arpan Enterprise	36	Done
3	M/s. Ma Durga Construction	18	Done
4	M/s. Shree Durga Construction	3	Done
5	M/s. A.M Construction	17	Done
6	M/s. Ganga Construction	124	Done
7	M/s. Orbit Power System	10	Done
8	M/s. G4S Secure Solutions (I) Private Limited	16	Done
9	M/s. Bright Security Services	1	Done
<b>Total Contractor Employee</b>			<b>343</b>

Note: KICML Employee + Contractor Employee = (254+343= 597)

FOR KIC METALIKS LTD  
PRADIP DAS  
DY. MANAGER

CIN : L01409WB 1986PLC041169

Factory : Raturia, Angadpur, Durgapur - 713 215, Phone : 98749 43345  
E-mail : info@kicmetaliks.com Website : www.kicmetaliks.com



# K I C METALIKS LIMITED

"Sir RNM House", 3B, Lal Bazar Street  
4th Floor, Room No. 2, Kolkata - 700 001  
Phone : +91-33-4007 6552  
Fax : +91-33-4001 9636

Date : 01.03.2023

## MEMBERS OF ENVIRONMENTAL MANAGEMENT CELL

Sl. No	Name	Qualification	Designation	Contract No	Mail Id	Signature
1	Mr. Arun Kumar Das	B.Sc (D), Diploma in Metallurgical Engg., PG Diploma in Production Management	Asst. Vice President	9874943305	arun@kicmetaliks.com	
2	Mr. P. Bhupendra Kumar	B. Tech Mechanical	Sr. General Manager	9874943314	p.bhupendra@kicmetaliks.com	
3	Mr. Manoj Prasad	Diploma in Mechanical	Dy. General Manager	9874943370	mprasad@kicmetaliks.com	
4	Mr. Rama Shankar Singh	B.Tech in Electrical	DGM (CPP)	9874943303	rssingh@kicmetaliks.com	
5	Mr. Vinay Kumar Singh	Diploma in Mechanical	Asst. General Manager (Sinter Plant)	9874943309	vinay@kicmetaliks.com	
6	Mr. Supriya Banerjee	Diploma in Electrical	Manager (Elect. - MBF)	9874943313	supriya@kicmetaliks.com	
7	Mr. Biswajit Bhowmik	Diploma in Electrical	Manager (Elect. - Sinter)	9874943333	biswajit@kicmetaliks.com	
8	Mr. Pradip Das	Diploma in Industrial Relation & Personnel Management	Dy. Manager	9874943332	pradipas@kicmetaliks.com	
9	Miss. Sudeshna Sarkar	M.Sc in Environmental Science	Environmental Officer	7432877685	sudeshnakic735@gmail.com	
10	Mr. Soham Mukhopadhyay	B.Tech, (Diploma in Instrumentation)	Sr. Manager	6292116952	soham@kicmetaliks.com	
11	Mr. Dalim Ghosh	B.Sc	Asst. Manager	7001900349	dalim123ghosh@gmail.com	
12	Mr. Manabendra Mukherjee	B.Sc	Deputy Manager	9874943344	manab.mukherjee@kicmetaliks.com	
13	Mr. Susanta Jha	MBA in HR	HR Manager	9874943326	susanta@kicmetaliks.com	
14	Mr. Bishnu Brata Ghosh	B.Sc	Asst. Manager	9641788422	bishnubrata475ghosh@gmail.com	
15	Mr. Samir Das	B.Sc	Officer	9874943343	samir.kic@gmail.com	
16	Mr. Suvaraj Banerjee	B.Sc, ADIS	Safety Officer	9874943362	safety@kicmetaliks.com	
17	Mr. Dipaloke Das	B.Tech in Civil Engineering	Assistant Executive	7908566920	hrd_dgp@kicmetaliks.com	

CIN : L01409WB 1986PLC041169

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4th Floor, Room No. 2, Kolkata - 700 001  
Phone : +91-33-4007 6552  
Fax : +91-33-4001 9636

Already Send via Mail on - 02/06/2023  
to MoEF

Ref. No. KIC/POLLU-FORM-V/2023-24/38

**The IGF & Incharge**

Date : 22.05.2023

GOI, MOEF & CC  
Integrated Regional Office, Kolkata  
1B-198, Salt Lake City, Sector - III,  
Kolkata - 700 106

Sub :- Submit the Environmental Statement for the year of 2022 - 2023

Ref : Ministry's Environmental clearance No. J- 11011 556 2009-IA.II (I) Dated  
11.11.2019

Dear Sir,

With reference to the above subject we would like to inform you that we are  
Submitting the Environmental Statement Form - V for the year of 2022-23.

Please find enclosed herewith other related documents for your ready reference.

We would be obliged for your kind co-operation in this regard.

Thanking you,

Yours faithfully,  
For KIC METALIKS LTD.

**Arun Kumar Das**  
Asst. Vice President  
Mob. No. 9874943332/05

Copy to :  
**The Environmental Engineer**  
Durgapur Regional office,  
West Bengal Pollution Control Board  
City Centre, Durgapur - 16

CIN : L01409WB 1986PLC041169

Factory : Raturia, Angadpur, Durgapur - 713 215, Phone : 98749 43345  
E-mail : info@kicmetaliks.com Website : www.kicmetaliks.com