



neo metaliks ltd.



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Website: www.neometaliks.com, CIN: U27109WB2003PLC097231

ISO 9001:2015

To,

Date- 30/11/2020

The Director
Ministry of Environment Forest & Climate Change,
(Government of India)
A/3 Chandrasekharapur,
Eastern Region, Bhubaneswar- 751023

Sub: Six Monthly Environmental Clearance Compliance Report for the period of April 2020 to September 2020 of Neo Metaliks Ltd., Durgapur- 713212, West Bengal.

Ref: F. No. - J - 11011/779/2007-IA II (I) dated on 04.11.2008.

Dear Sir,

This has reference to the above subject matter enclosed herewith the Six Monthly Environmental Clearance Compliance Report for the period of **April 2020 to September 2020** of Neo Metaliks Ltd.

This is for your kind information.

Yours faithfully,

For Neo Metaliks Ltd.

Authorized Signatory

Cc:

Dr. Suresh Babu Pasupuleti
Scientist- C (MoEF&CC)

The Environment Engineer,
West Bengal Pollution Control Board,
(Government of West Bengal)
City Centre, Durgapur- 713216.

**Environmental Clearance Compliance Report for the period
April- 2020 to September- 2020
Of M/s Neo Metaliks Ltd. Durgapur
Vide EC. No – F. No. J - 11011/779/2007-IA II (I), Dated 04.11.2008**

SL	SPECIFIC CONDITION	COMPLIANCE STATUS
A(i)	Efforts shall be made to reduce RSPM levels in the ambient air and a time bound action plan shall be submitted. On-line stake monitoring facilities for all the stacks and sufficient air Pollution control devices shall be provided. Electrostatic Precipitator (ESP) to sinter plant and bag house to Electric Arc Furnace (EAF), dust catcher and Ventury scrubber to mini Blast Furnace (BF) shall be provided to control the particulate emissions below 100mg/Nm ³ . Data on ambient air quality and stack emissions shall be regularly submitted to this Ministry including its Regional office at Bhubaneswar / CPCB / W.B. Pollution control board (WBPCB) once in six months.	<p>A (i)Efforts made to reduce RSPM level in the ambient air is given below:-</p> <p>(a) We have installed Air Pollution Control (APC) system to the Sinter Plant (SP) & MBF cast house. Exhaust gases from SP head end and tail end is cleaned in ESPs to less than 100 mg/Nm³ and discharged through 40 meter and 50 meter tall stack. Blast Furnace gas is cleaned in dry dust catcher, saturator and venturi scrubbers and used as fuel for CPP boilers to generate 4.5 MW captive power stove heating and sinter plant operation. .</p> <p>(b) All the conveyors and transfer points have been enclosed. Water sprinkling system (fixed and mobile type) has been provided at raw material handling yard, unloading point and other vulnerable points.</p> <p>(c) Roads and work places are cleaned at regular intervals. The cleaned materials/dust particles are collected and sent for re-use in the Sinter process plant. This is being monitored regularly.</p> <p>(d) All the raw Materials like Iron ore lump & fines, flux and coke & coke Fines are kept covered with Tarpaulin.</p> <p>(e) All the Vehicles plying inside the Plant are regularly checked for PUC compliance certificates (exhaust emission).</p> <p>(f) On line monitoring system has been installed for the following stacks: 1. Sinter Plant Process stack 2. Blast Furnace Stove stack 3. Captive Power Plant stack</p> <p>In addition to that bi-monthly environment</p>

SL	SPECIFIC CONDITION	COMPLIANCE STATUS
		<p>monitoring is being carried out by NABL accredited laboratory.</p> <p>A (ii) Time bound Action Plan to reduce RSPM Level.</p> <p>(a) Tree Plantation is our ongoing process. Total 11785 nos. of trees have been planted in more than 11 acre area in and around the plant boundary till 30th September 2020. Another 3410 nos. of saplings shall be planted within the financial year 2020-21 including Natural shrubs and bushes in already acquired land and the additional land adjacent to plant boundary is to be acquired to make 33% of plantation.</p> <p>(b) We don't have any steel making process now.</p> <p>(c) Last six-monthly report has been submitted for the period of October.19 to March'20 to the Ministry through e-mail and to WBPCB-Durgapur Regional office by hand.</p>
A (ii)	As proposed, Waste gases from BF, Sinter Plant, induction and electric arc furnace (IF/EAF) and rolling mill reheating furnace shall be routed through suitable pollution control devices and used in sinter plant.	<p>The BF gas from MBF is routed through appropriate Air Pollution Control (APC) devices like Gas Cleaning Plant (GCP) consist of dust catcher, saturator, Ventury scrubber for BF and used in Sinter Plant & CPP</p> <p>ESP and bag filters are attached with Sinter Plant. The waste gas from stove heating of blast furnace is used as hot gas generator.</p> <p>We do not have IF, EAF, Reheating Furnace and Rolling Mill presently.</p>
A (iii)	Dust suppression and extraction system including water spraying shall also be provided to control dust from raw material handling and storage area to control fugitive emissions. Fume extraction system to EAF and IF and exhaust system shall be provided to continuous casting machine (CCM) to control hot fumes and vapors.	<p>(a) Plant de-dusting system comprising of bag filters are provided to control the fugitive dust.</p> <p>(b) Fixed Water Sprinkler provided at Ground hoppers, raw material handling area, truck tippler.</p> <p>(c) Mobile Water Sprinkling Tanker deployed to suppress the fugitive dust at raw material stock yard and all the internal roads within the plant premises.</p>

SL	SPECIFIC CONDITION	COMPLIANCE STATUS
		(d) We don't have any steel making process now.
A (iv)	Gaseous emission levels including secondary fugitive emissions from blast furnace and sinter plant shall be controlled within the latest permissible limits issued by the Ministry and regularly monitored. Guidelines / Code of Practice issued by the CPCB shall be followed.	Gaseous emission through stacks and secondary fugitive emissions from blast furnace cast house and sinter plant area are within CPCB specified latest permissible limit. We monitor the environmental condition in respect of air included with ambient air quality monitoring, work zone monitoring, stack emission monitoring by NABL accredited external laboratory. Annexure I
A (v)	Vehicular pollution due to transportation of raw material and finished products shall be controlled. Proper arrangements shall also be made to control dust emissions during loading and unloading of the raw material and finished products.	For control of vehicular pollution regular PUC certificates are ensured. Following measures have been adopted to control dust emissions during loading and unloading of raw materials and finished products. (a) Fixed water sprinklers and Mobile water sprinkling tanker provided for suppressing the fugitive dust emission at unloading points of raw material and loading point of finished products. (b) We have made water bed on the main concrete road for washing the on road vehicle wheel.
A (vi)	Total water requirement from Asansol Durgapur Development Authority (ADDA) shall not exceed 6,120 m ³ / day. No ground water shall be abstracted. Closed circuit water re-circulation system shall be used to reduce water consumption. All the treated wastewater including blow down water from BF, Sinter plant etc, Shall be recycled and reused in the process, dust suppression and green belt development. 'Zero' effluent discharged shall be strictly followed and no wastewater shall be discharged outside the premises. Domestic effluent shall be treated in Sewage Treatment Plant (STP) and treated	(a) We have permission to 2090 m ³ /day water from ADDA. We don't have the installation of the SMS and Rolling Mills at present. Letter is attached as Annexure II (Letter no. ED/CA-79/04- 05/1428, dt-19.07.05). (b) Permission for drawing ground water has been obtained from SWID, Govt. of West Bengal. The permission has been taken to meet the domestic water requirement of staffs, workmen and security personnel. (c) The plant is based on Zero Water discharge system (entire wastewater is recycled/ reused within plant premises). No wastewater is discharged outside the plant premises.

SL	SPECIFIC CONDITION	COMPLIANCE STATUS
	effluent shall be used for green belt development	(d) Sanitary effluent is treated in septic tanks and soaks pits. Canteen waste water is treated in Oil-water separator and then used for greenery development.
A (vii)	Permission for the drawl Of 6,120 m3/day from Asansol Durgapur Development Authority (ADDA) shall be obtained.	Permission for 2090 m3/day water has been obtained from ADDA for MBF, SP & CPP. Ref: Annexure II
A (viii)	All the iron ore fines, coke fines, flue dust and mill scales shall be reused in the sinter plant. All the blast furnace slag shall be granulated and provided to cement manufacturers for further utilization. SMS / EAF slag shall be properly used inside the plant premises and shall not be disposed off anywhere else. All the other solid waste including broken refractory mass shall be properly disposed off in environment friendly manner. Waste oil shall be sold to authorized recyclers / preprocessors.	(a) Iron ore fines, coke fines and flue dust are reused in Sinter Plant. Mill scale is not generated in the plant as there are no rolling mills. (b) All BF Slag is granulated and sold for Cement making. Annexure III (c) No steel making slag is generated as we have not installed SMS with IF and EAF. Broken refractory mass is used as sub-base material for road making and also sold it to respective agency for recycling. (d) Used/ waste oil is being properly disposed off through authorized agency; name M/s Ba-ma Oil Industries. Authorization letter is attached in Annexure IV .
A (ix)	A time bound action plan shall be submitted to reduce solid waste, its proper utilization and disposal.	(a) We are reusing/ disposing 100% Solid Waste generated from the plant in environment friendly manner. (b) All BF Slag is granulated and sold for Cement making. Ref: Annexure III (c) Flue dust and GCP sludge are being used in sinter plant. (d) Broken refractory mass is used as sub-base material for road repairing and also sold it to respective agency for recycling
A (x)	As proposed, green belt shall be developed in 33 % area within and around the plant premises as per the CPCB guidelines in consultation with DFO.	Trees plantation is our ongoing process. Total 11785 nos. of saplings have been planted in more than 11 acre area in and around the plant boundary till 30 th September 2020 and further 3410 saplings shall be planted within the financial

SL	SPECIFIC CONDITION	COMPLIANCE STATUS
		year 2020 - 21. Tree plantation will be developed in the area already acquired adjacent to plant premises and for that additional land adjacent to plant boundary is in the process of being acquired to make 33% plantation.
A (xi)	All the recommendations made in the charter on Corporate Responsibility for Environment Protection (CREP) for the Steel Plants Shall be implemented.	Neo Metaliks Ltd. is taking necessary initiative to adhere the CREP as mentioned in Annexure A .
A (xii)	The company shall provide housing for construction labor within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, crèche etc. The housing may be in the form of temporary structures to be removed after the completion of the projects.	Complied during construction.

SL	GENERAL CONDITION	COMPLIANCE STATUS
B (i)	The project authorities must strictly adhere to the stipulations made by the West Bengal Pollution Control Board (WBPCB) and the State Government.	Noted and complied. We have received the Consent to operate for MBF, Sinter Plant & CPP which is valid up to 30.04.2022.
B (ii)	No further expansion or modification in the plant should be carried out without prior approval of the Ministry of Environment, Forests & Climate Change.	Noted and complied.
B (iii)	The gaseous emission from various units shall conform to the load/mass based standards notified by this Ministry on 19 th May 1993 and standards prescribed from time to time. The WBPCB may specify more stringent standards for the relevant parameters keeping in view the nature of the industry and its size and location. At no time, the emission level shall go beyond the prescribed standard. The interlocking facilities shall be provided so that process can be automatically stopped in case emission level exceeds the limit.	(a) The gaseous emissions are within limits. Stack emissions monitoring are being regularly conducted by NABL accredited laboratory. Online stack monitoring system installed in major stacks. Results are directly transmitted to CPCB. (b) Pollution Control equipment are a part of the operating process of plant. The stack emissions from MBF, Sinter and CPP are monitored continuously at the respective control rooms. Any deviation beyond the prescribed standard is immediately taken care of by process adjustment.
B (iv)	In-plant control measures for checking fugitive emissions from all the vulnerable sources like spillage/raw materials /coal handlings etc. shall be provided. Further, specific measures like provision of dust suppression system consisting of water sprinkling, suction hoods, fans and bag filters etc. shall be installed at material transfer points and other raw material handling areas. Centralize de-dusting system i.e. collection of fugitive emissions through suction hood and subsequent treatment through bag filter or any other device and finally emitted through a stack of appropriate designed height conforming to the standards. Fugitive emissions shall be regularly monitored and records maintained.	(a) Centralized de-dusting system i.e. collection of fugitive emissions through suction hood and subsequent treatment through ESP and finally emitted through appropriate designed stack. (b) Plant de-dusting system i.e. collection of fugitive emissions through suction hood and subsequent treatment through bag filters are provided to control fugitive dust. (c) Fixed Water Sprinkler provided in Ground Hopper, Raw Material handling area, Truck Tippler. (d) Mobile Water Sprinkling Tanker deployed inside the plant premises at regular basis.

SL	GENERAL CONDITION	COMPLIANCE STATUS
		<p>(e) We are measuring fugitive emissions in work environment by NABL accredited laboratory on bi-monthly basis.</p> <p>(f) The above bi-monthly test reports are being sent to the Ministry through its Regional office at Bhubaneswar every six months. Also the same is sent to the State Pollution control board (WBPCB) every six months. Ref: Annexure I.</p>
B (v)	At least, four ambient air quality monitoring stations should be established in the downward direction as well as where maximum ground level concentration of SPM, SO ₂ and NO _x are anticipated in consultation with the WBPCB. Data on ambient air quality and stack emission should be regularly submitted to this Ministry including its Regional Office at Bhubaneswar, WBPCB and CPCB once in six months.	<p>(a) We have established five ambient air quality monitoring stations at the near Main Gate, near Admin Building, near Boundary Wall (North-East side), near CPP Cooling Tower and near PCM boundary wall where we do the periodic (bi monthly) environment monitoring by NABL accredited external laboratory and reports are being submitted to the Ministry through its Regional Office at Bhubaneswar and WBPCB once in six month. The reports are attached in Ref: Annexure I</p> <p>(b) We are doing periodic (Bi- monthly) stack emission monitoring and records are being submitted to the Ministry through its Regional Office at Bhubaneswar and WBPCB once in six month. Ref: Annexure I.</p>
B (vi)	Industrial waste water shall be properly collected, treated so as to conform to the standards prescribed under GSR 422 (E) dated 19 th May, 1993 and 31 st December, 1993 or as amended from time to time. The treated wastewater shall be utilized for plantation purpose.	Plant wastewater is recycled and reused for slag cooling, mould cooling, gas cleaning plant and dust suppression. No wastewater is discharged outside the plant premises. Sanitary effluent is treated in septic tanks and soaks pits. Canteen waste is treated in Oil water separator and then used for plantation.
B (vii)	The overall noises levels in and around the plant area shall be kept well within the standards 85 dB(A) by providing noise control measures including acoustic hoods, silencer, enclosures etc. on all sources of noise generation. The ambient noise levels shall conform to the standards prescribed under EPA rules,	Noise monitoring results attached. The ambient noise levels at plant boundary are below 75 dB (A) during day time and 70 dB (A) during night time. Noise levels in work environment are below 85 dB (A). The results are attached in Annexure V.

SL	GENERAL CONDITION	COMPLIANCE STATUS
	1989 viz. 75 dB(A) (daytime) and 70 dB(A) (night time).	
B (viii)	Occupational health surveillance of the workers shall be done on a regular basis and records maintained as per the Factories Act.	<p>(a) All employees during induction are screened medically by plant medical officer. .</p> <p>(b) Periodic health examination is carried out as per the prevailing norms. The test of Routine parameters and Specific Parameters is conducted by industrial hygiene experts.</p>
B (ix)	The company shall develop surface water harvesting structures to harvest the rain water for utilization in the lean season besides recharging the ground water table.	<p>(a) We have augmented the existing Sumps where runoff within the plant is collected. This water is utilized in the plant for cooling and dust suppression during lean season.</p> <p>(b) We have made roof top rain water harvesting reservoirs and the harvested rain water is being used in process, plantation, dust suppression etc.</p> <p>(c) No natural drainage is getting intercepted by the plant boundary and it is directed by peripheral drains outside.</p>
B (x)	The project proponent shall also comply with all the environmental protection measures and safeguards recommended in the EIA / EMP report. Further, the company must undertake socio-economic development activities in the surrounding villages like community development programs, educational programs, drinking water supply and health care etc.	<p>(a) NML had taken up the environmental protection measures recommended in the EIA/EMP report during the construction phase earlier and presently, we are in practice to comply with all the operational environmental protection measures safeguards as recommended in EIA/EMP.</p> <p>(b) In addition, NML undertakes the socio-economic development activities in the surrounding villages through various programs like drinking water supply, improvement in village through infrastructure and sanitation development, health checkup camp, eye camp, blood donation camp, handicap camp, Skill development camp such as Stitching etc. are taken up on regular intervals.</p>
B (xi)	As proposed, Rs. 25.00 Crores and Rs. 6.00 Crores shall be earmarked towards capital cost and recurring cost/annum for environmental pollution control	<p>For the existing plant consisting of MBF, Sinter Plant and CPP Rs. 13.39 Crores has been used as CAPEX for pollution control measures.</p> <p>Annexure VI</p>

SL	GENERAL CONDITION	COMPLIANCE STATUS
	measures to implement the conditions stipulated by the Ministry of Environment, Forests & Climate Change as well as the state Government. An implementation schedule for implementing all the conditions stipulated herein shall be submitted to the Ministry's Regional Office at Bhubaneswar. The funds so provided should not be diverted for any other purpose.	As per requirement the maintenance of the pollution control equipment namely ESPs, Bag Filters and the dust extraction fans and pipe lines are being done as a part of OPEX.
B (xii)	The Regional Office of this Ministry at Bhubaneswar / CPCB / WBPCB will monitor the stipulated conditions. A six monthly compliance report and the monitored data along with statistical interpretation shall be submitted to them regularly.	Six-monthly EC condition compliance report is being submitted to MOEF / WBPCB on regular basis. Last submission done on 1 st June 2020.
B (xiii)	The Project Proponent shall inform the public that the project has been accorded environmental clearance by the Ministry and copies of the clearance letter are available with the WBPCB and may also be seen at Website of the Ministry of Environment and Forests at http://envfor.nic.in . This shall be advertised within 7 days from the date of issue of the clearance letter, at least in two local newspapers that are widely circulated in the region of which one shall be in the vernacular language of the locality concerned and a copy of the Same shall be forwarded to the Regional office.	Complied with.
B (xiv)	Project authorities 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 and the date of commencing the land Development work.	Complied.

ANNEXURE I



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6271

DOC NO : QLS/SAMP/08-A/00

TEST REPORT

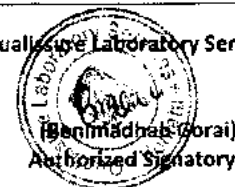
Name & Address Of the Customer :	Report No.	: QLS/A/20-21/C/11
M/s. Neo Metaliks Ltd.	Date	: 11.06.2020
Vill + P.O. : Gopalpur	Sample No.	: QLS/A/20-21/11
P.S. : Kanksa,Durgapur	Sample Description	: Ambient Air
Paschim Bardhaman	Sample Mark	: Near CPP Cooling Tower
West Bengal – 713 212	Ref No. Date	: W119Y-00152, Dated: 03.03.2020

Analysis Result

Location: Near CPP Cooling Tower			Date of sampling : 28-29.05.2020	
Sampling Done by: S.Ghosh			Sampling done as per : CPCB Guidelines (Volume-1)	
Environmental Condition : Partly Cloudy				
Sl. No.	Pollutants	Result	Limit as per CPCB	Method of Test Reference
1	Particulate matter (PM ₁₀) in µg/m ³	81	100	IS: 5182 (Part-23), RA-2017
2	Particulate matter PM _{2.5} in µg/m ³	47	60	USEPA CFR-40,Part-50, Appendix-L
3	Sulphur dioxide (SO ₂) in µg/m ³	7.2	80	IS: 5182 (Part-2)-2001, RA-2017
4	Nitrogen dioxide (NO ₂) in µg/m ³	32.8	80	IS: 5182 (Part- 6)-2006, RA-2017
5	Carbon Monoxide (CO) in µg/m ³	936	2000	IS: 5182 (Part-10):1999,RA-2014
NOTE: Limit as per CPCB notification, New Delhi, 18th November 2009, for Ambient air quality.				

Report Reviewed By : R. Roy

for Qualissure Laboratory Services



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DOC NO : QLS/SAMP/08-A/00

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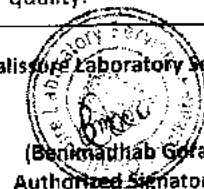
Name & Address Of the Customer :	Report No. : QLS/A/20-21/C/12
M/s. Neo Metaliks Ltd.	Date : 11.06.2020
Vill + P.O. : Gopalpur	Sample No. : QLS/A/20-21/12
P.S. : Kanksa, Durgapur	Sample Description : Ambient Air
Paschim Bardhaman	Sample Mark : PCM Side Boundary Wall
West Bengal – 713 212	Ref No. Date : W119Y-00152, Dated: 03.03.2020

Analysis Result

Location: PCM Side Boundary Wall			Date of sampling :20-21.05.2020	
Sampling Done by: S.Ghosh			Sampling done as per : CPCB Guidelines (Volume-1)	
Environmental Condition : Clear & Sunny				
Sl. No.	Pollutants	Result	Limit as per CPCB	Method of Test Reference
1	Particulate matter (PM ₁₀) in µg/m ³	86	100	IS: 5182 (Part-23), RA-2017
2	Particulate matter PM _{2.5} in µg/m ³	45	60	USEPA CFR-40,Part-50, Appendix-L
3	Sulphur dioxide (SO ₂) in µg/m ³	7.6	80	IS: 5182 (Part-2)-2001, RA-2017
4	Nitrogen dioxide (NO ₂) in µg/m ³	32.1	80	IS: 5182 (Part- 6)-2006, RA-2017
5	Carbon Monoxide (CO) in µg/m ³	861	2000	IS: 5182 (Part-10):1999,RA-2014
NOTE: Limit as per CPCB notification, New Delhi, 18th November 2009, for Ambient air quality.				

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(Bani Madhab Goral)
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DOC NO : QLS/SAMP/08-A/00

TEST REPORT

Name & Address Of the Customer :	Report No. : QLS/A/20-21/C/13
M/s. Neo Metaliks Ltd.	Date : 11.06.2020
Vill + P.O. : Gopalpur	Sample No. : QLS/A/20-21/13
P.S. : Kanksa, Durgapur	Sample Description : Ambient Air
Paschim Bardhaman	Sample Mark : Near Boundary Wall (North East Side)
West Bengal – 713 212	Ref No. Date : W119Y-00152, Dated: 03.03.2020

Analysis Result

Location: Near Boundary Wall (North East Side)			Date of sampling : 28-29.05.2020	
Sampling Done by: S.Ghosh			Sampling done as per : CPCB Guidelines (Volume-1)	
Environmental Condition : Partly Cloudy				
Sl. No.	Pollutants	Result	Limit as per CPCB	Method of Test Reference
1	Particulate matter (PM ₁₀) in µg/m ³	76	100	IS: 5182 (Part-23), RA-2017
2	Particulate matter PM _{2.5} in µg/m ³	46	60	USEPA CFR-40,Part-50, Appendix-L
3	Sulphur dioxide (SO ₂) in µg/m ³	7.9	80	IS: 5182 (Part-2)-2001, RA-2017
4	Nitrogen dioxide (NO ₂) in µg/m ³	33.9	80	IS: 5182 (Part- 6)-2006, RA-2017
5	Carbon Monoxide (CO) in µg/m ³	739	2000	IS: 5182 (Part-10):1999,RA-2014
NOTE: Limit as per CPCB notification, New Delhi, 18th November 2009, for Ambient air quality.				

Report Reviewed By : R. Roy

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DOC NO : QLS/SAMP/08-A/00

TEST REPORT

Name & Address Of the Customer :	Report No. : QLS/A/20-21/C/15
M/s. Neo Metaliks Ltd.	Date : 11.06.2020
Vill + P.O. : Gopalpur	Sample No. : QLS/A/20-21/15
P.S. : Kanksa,Durgapur	Sample Description : Ambient Air
Paschim Bardhaman	Sample Mark : Near Main Gate
West Bengal – 713 212	Ref No. Date : W119Y-00152, Dated: 03.03.2020

Analysis Result

Location: Near Main Gate		Date of sampling : 30-31.05.2020		
Sampling Done by: S.Ghosh		Sampling done as per : CPCB Guidelines (Volume-1)		
Environmental Condition : Clear & Sunny				
Sl. No.	Pollutants	Result	Limit as per CPCB	Method of Test Reference
1	Particulate matter (PM ₁₀) in µg/m ³	98	100	IS: 5182 (Part-23), RA-2017
2	Particulate matter PM _{2.5} in µg/m ³	57	60	USEPA CFR-40,Part-50, Appendix-L
3	Sulphur dioxide (SO ₂) in µg/m ³	8.0	80	IS: 5182 (Part-2)-2001, RA-2017
4	Nitrogen dioxide (NO ₂) in µg/m ³	35.1	80	IS: 5182 (Part- 6)-2006, RA-2017
5	Carbon Monoxide (CO) in µg/m ³	921	2000	IS: 5182 (Part-10):1999,RA-2014
NOTE: Limit as per CPCB notification, New Delhi, 18th November 2009, for Ambient air quality.				

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DOC NO : QLS/SAMP/08-A/00

TEST REPORT

Name & Address Of the Customer :	Report No.	: QLS/A/20-21/C/14
M/s. Neo Metaliks Ltd.	Date	: 11.06.2020
Vill + P.O. : Gopalpur	Sample No.	: QLS/A/20-21/14
P.S. : Kanksa,Durgapur	Sample Description	: Ambient Air
Paschim Bardhaman	Sample Mark	: Near Administrative Building
West Bengal – 713 212	Ref No. Date	: W119Y-00152, Dated: 03.03.2020

Analysis Result

Location: Near Administrative Building			Date of sampling : 20-21.05.2020	
Sampling Done by: C.Sahoo/S.Ghosh			Sampling done as per : CPCB Guidelines (Volume-1)	
Environmental Condition : Clear & Sunny				
Sl. No.	Pollutants	Result	Limit as per CPCB	Method of Test Reference
1	Particulate matter (PM ₁₀) in $\mu\text{g}/\text{m}^3$	88	100	IS: 5182 (Part-23), RA-2017
2	Particulate matter PM _{2.5} in $\mu\text{g}/\text{m}^3$	53	60	USEPA CFR-40,Part-50, Appendix-L
3	Sulphur dioxide (SO ₂) in $\mu\text{g}/\text{m}^3$	7.9	80	IS: 5182 (Part-2)-2001, RA-2017
4	Nitrogen dioxide (NO ₂) in $\mu\text{g}/\text{m}^3$	34.3	80	IS: 5182 (Part- 6)-2006, RA-2017
5	Carbon Monoxide (CO) in $\mu\text{g}/\text{m}^3$	882	2000	IS: 5182 (Part-10):1999,RA-2014
NOTE: Limit as per CPCB notification, New Delhi, 18th November 2009, for Ambient air quality.				

Report Reviewed By : *P. Roy*

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DOC NO : QLS/SAMP/08-A/00

TEST REPORT

Name & Address Of the Customer :	Report No. : QLS/A/20-21/C/110
M/s. Neo Metaliks Ltd.	Date : 11.08.2020
Vill + P.O. : Gopalpur	Sample No. : QLS/A/20-21/110
P.S. : Kanksa, Durgapur	Sample Description : Ambient Air
Paschim Bardhaman	Sample Mark : Near CPP Cooling Tower
West Bengal – 713 212	Ref No. Date : W120604-001, Dated: 04.06.2020

Analysis Result

Location: Near CPP Cooling Tower			Date of sampling : 26-27.07.2020	
Sampling Done by: S.Ghosh			Sampling done as per : CPCB Guidelines (Volume-1)	
Environmental Condition : Cloudy & Rainy				
Sl. No.	Pollutants	Result	Limit as per CPCB	Method of Test Reference
1	Particulate matter (PM ₁₀) in µg/m ³	61	100	IS: 5182 (Part-23), RA-2017
2	Particulate matter PM _{2.5} in µg/m ³	27	60	USEPA CFR-40,Part-50, Appendix-L
3	Sulphur dioxide (SO ₂) in µg/m ³	7.1	80	IS: 5182 (Part-2)-2001, RA-2017
4	Nitrogen dioxide (NO ₂) in µg/m ³	30.2	80	IS: 5182 (Part- 6)-2006, RA-2017
5	Carbon Monoxide (CO) in µg/m ³	995.28	2000	IS: 5182 (Part-10):1999,RA-2014
NOTE: Limit as per CPCB notification, New Delhi, 18th November 2009, for Ambient air quality.				

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TEST REPORT

Name & Address Of the Customer :	Report No. : QLS/A/20-21/C/109
M/s. Neo Metaliks Ltd.	Date : 11.08.2020
Vill + P.O. : Gopalpur	Sample No. : QLS/A/20-21/109
P.S. : Kanksa,Durgapur	Sample Description : Ambient Air
Paschim Bardhaman	Sample Mark : PCM Side Boundary Wall
West Bengal – 713 212	Ref No. Date : W120604-001, Dated: 04.06.2020

Analysis Result

Location: PCM Side Boundary Wall			Date of sampling :26-27.07.2020	
Sampling Done by: S.Ghosh			Sampling done as per : CPCB Guidelines (Volume-1)	
Environmental Condition : Cloudy & Rainy				
Sl. No.	Pollutants	Result	Limit as per CPCB	Method of Test Reference
1	Particulate matter (PM ₁₀) in µg/m ³	70	100	IS: 5182 (Part-23), RA-2017
2	Particulate matter PM _{2.5} in µg/m ³	31	60	USEPA CFR-40,Part-50, Appendix-L
3	Sulphur dioxide (SO ₂) in µg/m ³	7.0	80	IS: 5182 (Part-2)-2001, RA-2017
4	Nitrogen dioxide (NO ₂) in µg/m ³	30.8	80	IS: 5182 (Part- 6)-2006, RA-2017
5	Carbon Monoxide (CO) in µg/m ³	949.52	2000	IS: 5182 (Part-10):1999,RA-2014
NOTE: Limit as per CPCB notification, New Delhi, 18th November 2009, for Ambient air quality.				

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TEST REPORT

Name & Address Of the Customer :	Report No. : QLS/A/20-21/C/108
M/s. Neo Metaliks Ltd.	Date : 11.08.2020
Vill + P.O. : Gopalpur	Sample No. : QLS/A/20-21/108
P.S. : Kanksa, Durgapur	Sample Description : Ambient Air
Paschim Bardhaman	Sample Mark : Near Boundary Wall (North East Side)
West Bengal – 713 212	Ref No. Date : W120604-001, Dated: 04.06.2020

Analysis Result

Location: Near Boundary Wall (North East Side)			Date of sampling : 27-28.07.2020	
Sampling Done by: S.Ghosh			Sampling done as per : CPCB Guidelines (Volume-1)	
Environmental Condition : Cloudy & Rainy				
Sl. No.	Pollutants	Result	Limit as per CPCB	Method of Test Reference
1	Particulate matter (PM ₁₀) in µg/m ³	66	100	IS: 5182 (Part-23), RA-2017
2	Particulate matter PM _{2.5} in µg/m ³	38	60	USEPA CFR-40,Part-50, Appendix-L
3	Sulphur dioxide (SO ₂) in µg/m ³	6.2	80	IS: 5182 (Part-2)-2001, RA-2017
4	Nitrogen dioxide (NO ₂) in µg/m ³	28.7	80	IS: 5182 (Part- 6)-2006, RA-2017
5	Carbon Monoxide (CO) in µg/m ³	938.08	2000	IS: 5182 (Part-10):1999,RA-2014
NOTE: Limit as per CPCB notification, New Delhi, 18th November 2009, for Ambient air quality.				

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TEST REPORT

Name & Address Of the Customer :	Report No. : QLS/A/20-21/C/112
M/s. Neo Metaliks Ltd.	Date : 11.08.2020
Vill + P.O. : Gopalpur	Sample No. : QLS/A/20-21/112
P.S. : Kanksa,Durgapur	Sample Description : Ambient Air
Paschim Bardhaman	Sample Mark : Near Main Gate
West Bengal – 713 212	Ref No. Date : W120604-001, Dated: 04.06.2020

Analysis Result

Location: Near Main Gate		Date of sampling : 27-28.07.2020		
Sampling Done by: S.Ghosh		Sampling done as per : CPCB Guidelines (Volume-1)		
Environmental Condition : Cloudy & Rainy				
Sl. No.	Pollutants	Result	Limit as per CPCB	Method of Test Reference
1	Particulate matter (PM ₁₀) in µg/m ³	79	100	IS: 5182 (Part-23), RA-2017
2	Particulate matter PM _{2.5} in µg/m ³	44	60	USEPA CFR-40,Part-50, Appendix-L
3	Sulphur dioxide (SO ₂) in µg/m ³	6.3	80	IS: 5182 (Part-2)-2001, RA-2017
4	Nitrogen dioxide (NO ₂) in µg/m ³	28.0	80	IS: 5182 (Part- 6)-2006, RA-2017
5	Carbon Monoxide (CO) in µg/m ³	1006.72	2000	IS: 5182 (Part-10):1999,RA-2014
NOTE: Limit as per CPCB notification, New Delhi, 18th November 2009, for Ambient air quality.				

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DOC NO : QLS/SAMP/08-A/00

TEST REPORT

Name & Address Of the Customer :	Report No. : QLS/A/20-21/C/111
M/s. Neo Metaliks Ltd.	Date : 11.08.2020
Vill + P.O. : Gopalpur	Sample No. : QLS/A/20-21/111
P.S. : Kanksa,Durgapur	Sample Description : Ambient Air
Paschim Bardhaman	Sample Mark : Near Administrative Building
West Bengal – 713 212	Ref No. Date : W120604-001, Dated: 04.06.2020

Analysis Result

Location: Near Administrative Building			Date of sampling : 26-27.07.2020	
Sampling Done by: S.Ghosh			Sampling done as per : CPCB Guidelines (Volume-1)	
Environmental Condition : Cloudy & Rainy				
Sl. No.	Pollutants	Result	Limit as per CPCB	Method of Test Reference
1	Particulate matter (PM ₁₀) in µg/m ³	69	100	IS: 5182 (Part-23), RA-2017
2	Particulate matter PM _{2.5} in µg/m ³	35	60	USEPA CFR-40,Part-50, Appendix-L
3	Sulphur dioxide (SO ₂) in µg/m ³	6.7	80	IS: 5182 (Part-2)-2001, RA-2017
4	Nitrogen dioxide (NO ₂) in µg/m ³	30.3	80	IS: 5182 (Part- 6)-2006, RA-2017
5	Carbon Monoxide (CO) in µg/m ³	1029.6	2000	IS: 5182 (Part-10):1999,RA-2014
NOTE: Limit as per CPCB notification, New Delhi, 18th November 2009, for Ambient air quality.				

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TC-6271

DOC NO : QLS/SAMP/08-A/00

TEST REPORT

Name & Address Of the Customer :	Report No. : QLS/A/20-21/C/209
M/s. Neo Metaliks Ltd.	Date : 15.10.2020
Vill + P.O. : Gopalpur	Sample No. : QLS/A/20-21/209
P.S. : Kanksa, Durgapur	Sample Description : Ambient Air
Paschim Bardhaman	Sample Mark : PCM Side Boundary Wall
West Bengal – 713 212	Ref No. Date : W119Y-00152, Dated: 03.03.2020

Analysis Result

Location: PCM Side Boundary Wall			Date of sampling : 28-29.09.2020	
Sampling Done by: S.Ghosh/J.Sahana			Sampling done as per : CPCB Guidelines (Volume-1)	
Environmental Condition : Cloudy				
Sl. No.	Pollutants	Result	Limit as per CPCB	Method of Test Reference
1	Particulate matter (PM ₁₀) in µg/m ³	66	100	IS: 5182 (Part-23), RA-2017
2	Particulate matter PM _{2.5}) in µg/m ³	35	60	USEPA CFR-40,Part-50, Appendix-L
3	Sulphur dioxide (SO ₂) in µg/m ³	6.9	80	IS: 5182 (Part-2)-2001, RA-2017
4	Nitrogen dioxide (NO ₂) in µg/m ³	29.8	80	IS: 5182 (Part- 6)-2006, RA-2017
5	Carbon Monoxide (CO) in µg/m ³	446	2000	IS: 5182 (Part-10):1999,RA-2014
NOTE: Limit as per CPCB notification, New Delhi, 18th November 2009, for Ambient air quality.				

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TC-6271

DOC NO : QLS/SAMP/08-A/00

TEST REPORT

Name & Address Of the Customer :	Report No.	: QLS/A/20-21/C/208
M/s. Neo Metaliks Ltd.	Date	: 15.10.2020
Vill + P.O. : Gopalpur	Sample No.	: QLS/A/20-21/208
P.S. : Kanksa, Durgapur	Sample Description	: Ambient Air
Paschim Bardhaman	Sample Mark	: Near Boundary Wall (North East Side)
West Bengal – 713 212	Ref No. Date	: W120604-001, Dated: 04.06.2020

Analysis Result

Location: Near Boundary Wall (North East Side)			Date of sampling : 27-28.09.2020	
Sampling Done by: S.Ghosh/J.Sahana			Sampling done as per : CPCB Guidelines (Volume-1)	
Environmental Condition : Cloudy				
Sl. No.	Pollutants	Result	Limit as per CPCB	Method of Test Reference
1	Particulate matter (PM ₁₀) in µg/m ³	54	100	IS: 5182 (Part-23), RA-2017
2	Particulate matter PM _{2.5} in µg/m ³	21	60	USEPA CFR-40,Part-50, Appendix-L
3	Sulphur dioxide (SO ₂) in µg/m ³	6.5	80	IS: 5182 (Part-2)-2001, RA-2017
4	Nitrogen dioxide (NO ₂) in µg/m ³	28.9	80	IS: 5182 (Part- 6)-2006, RA-2017
5	Carbon Monoxide (CO) in µg/m ³	492	2000	IS: 5182 (Part-10):1999,RA-2014
NOTE: Limit as per CPCB notification, New Delhi, 18th November 2009, for Ambient air quality.				

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TEST REPORT

Name & Address Of the Customer :	Report No.	: QLS/A/20-21/C/207
M/s. Neo Metaliks Ltd.	Date	: 15.10.2020
Vill + P.O. : Gopalpur	Sample No.	: QLS/A/20-21/207
P.S. : Kanksa,Durgapur	Sample Description	: Ambient Air
Paschim Bardhaman	Sample Mark	: Near CPP Cooling Tower
West Bengal – 713 212	Ref No. Date	: W119Y-00152, Dated: 03.03.2020

Analysis Result

Location: Near CPP Cooling Tower			Date of sampling : 27-28.09.2020	
Sampling Done by: S.Ghosh/J.Sahana			Sampling done as per : CPCB Guidelines (Volume-1)	
Environmental Condition : Cloudy				
Sl. No.	Pollutants	Result	Limit as per CPCB	Method of Test Reference
1	Particulate matter (PM ₁₀) in µg/m ³	59	100	IS: 5182 (Part-23), RA-2017
2	Particulate matter PM _{2.5} in µg/m ³	30	60	USEPA CFR-40,Part-50, Appendix-L
3	Sulphur dioxide (SO ₂) in µg/m ³	7.3	80	IS: 5182 (Part-2)-2001, RA-2017
4	Nitrogen dioxide (NO ₂) in µg/m ³	34.6	80	IS: 5182 (Part- 6)-2006, RA-2017
5	Carbon Monoxide (CO) in µg/m ³	675	2000	IS: 5182 (Part-10):1999,RA-2014
NOTE: Limit as per CPCB notification, New Delhi, 18th November 2009, for Ambient air quality.				

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TC-6271

DOC NO : QLS/SAMP/08-A/00

TEST REPORT

Name & Address Of the Customer :	Report No. : QLS/A/20-21/C/205
M/s. Neo Metaliks Ltd.	Date : 15.10.2020
Vill + P.O. : Gopalpur	Sample No. : QLS/A/20-21/205
P.S. : Kanksa,Durgapur	Sample Description : Ambient Air
Paschim Bardhaman	Sample Mark : Near Main Gate
West Bengal – 713 212	Ref No. Date : W119Y-00152, Dated: 03.03.2020

Analysis Result

Location: Near Main Gate			Date of sampling : 27-28.09.2020	
Sampling Done by: S.Ghosh/J.Sahana			Sampling done as per : CPCB Guidelines (Volume-1)	
Environmental Condition : Cloudy				
Sl. No.	Pollutants	Result	Limit as per CPCB	Method of Test Reference
1	Particulate matter (PM ₁₀) in µg/m ³	93	100	IS: 5182 (Part-23), RA-2017
2	Particulate matter PM _{2.5} in µg/m ³	56	60	USEPA CFR-40,Part-50, Appendix-L
3	Sulphur dioxide (SO ₂) in µg/m ³	8.4	80	IS: 5182 (Part-2)-2001, RA-2017
4	Nitrogen dioxide (NO ₂) in µg/m ³	31.1	80	IS: 5182 (Part- 6)-2006, RA-2017
5	Carbon Monoxide (CO) in µg/m ³	984	2000	IS: 5182 (Part-10):1999,RA-2014
NOTE: Limit as per CPCB notification, New Delhi, 18th November 2009, for Ambient air quality.				

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TEST REPORT

Name & Address Of the Customer : M/s. Neo Metaliks Ltd. Vill + P.O. : Gopalpur P.S. : Kanksa, Durgapur Paschim Bardhaman West Bengal – 713 212	Report No. : QLS/A/20-21/C/206 Date : 15.10.2020 Sample No. : QLS/A/20-21/206 Sample Description : Ambient Air Sample Mark : Near Administrative Building Ref No. Date : W119Y-00152, Dated: 03.03.2020
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Analysis Result

Location: Near Administrative Building			Date of sampling : 26-27.09.2020	
Sampling Done by: S.Ghosh/J.Sahana			Sampling done as per : CPCB Guidelines (Volume-1)	
Environmental Condition : Cloudy				
Sl. No.	Pollutants	Result	Limit as per CPCB	Method of Test Reference
1	Particulate matter (PM ₁₀) in µg/m ³	76	100	IS: 5182 (Part-23), RA-2017
2	Particulate matter PM _{2.5} in µg/m ³	43	60	USEPA CFR-40,Part-50, Appendix-L
3	Sulphur dioxide (SO ₂) in µg/m ³	7.6	80	IS: 5182 (Part-2)-2001, RA-2017
4	Nitrogen dioxide (NO ₂) in µg/m ³	32.0	80	IS: 5182 (Part- 6)-2006, RA-2017
5	Carbon Monoxide (CO) in µg/m ³	709	2000	IS: 5182 (Part-10):1999,RA-2014
NOTE: Limit as per CPCB notification, New Delhi, 18th November 2009, for Ambient air quality.				

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TEST REPORT

Name & Address Of the Customer :	Report No. : QLS/A/20-21/C/23
M/s. Neo Metaliks Ltd.	Date : 11.06.2020
Vill + P.O. : Gopalpur	Sample No. : QLS/A/20-21/23
P.S. : Kanksa,Durgapur	Sample Description : Work Zone Monitoring
Paschim Bardhaman	Sample Mark : Near Tail-ESP
West Bengal – 713 212	Ref No. Date : W119Y-00152, Dated: 03.03.2020

Analysis Result

Location : Near Tail ESP		Date of sampling : 29.05.2020	
Sampling Done by : S.Ghosh		Sampling done as per : CPCB Guidelines (Volume-1)	
Environmental Condition : Clear & Sunny			
Sl. No.	Pollutants	Result	Method of Test Reference
1	Total Suspended Particulate Matter in $\mu\text{g}/\text{m}^3$	834	IS 5182 : Part.4-1999,(RA-2014)
2	Respirable Suspended Particulate Matter in $\mu\text{g}/\text{m}^3$	445	IS 5182: Part 23 : 2017
3	Sulphur dioxide (SO_2) in $\mu\text{g}/\text{m}^3$	8.3	IS: 5182 (Part-2)-2001, RA-2017
4	Nitrogen dioxide (NO_2) in $\mu\text{g}/\text{m}^3$	30.3	IS: 5182 (Part- 6)-2006, RA-2017
NOTE: ----			

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TEST REPORT

Name & Address Of the Customer :	Report No. : QLS/A/20-21/C/24
M/s. Neo Metaliks Ltd.	Date : 11.06.2020
Vill + P.O. : Gopalpur	Sample No. : QLS/A/20-21/24
P.S. : Kanksa,Durgapur	Sample Description : Work Zone Monitoring
Paschim Bardhaman	Sample Mark : Near Head ESP
West Bengal – 713 212	Ref No. Date : W119Y-00152, Dated: 03.03.2020

Analysis Result

Location : Near Head ESP		Date of sampling : 29.05.2020	
Sampling Done by: S.Ghosh		Sampling done as per : CPCB Guidelines (Volume-1)	
Environmental Condition : Clear & Sunny			
Sl. No.	Pollutants	Result	Method of Test Reference
1	Total Suspended Particulate Matter in $\mu\text{g}/\text{m}^3$	942	IS 5182 : Part.4-1999,(RA-2014)
2	Respirable Suspended Particulate Matter in $\mu\text{g}/\text{m}^3$	389	IS 5182: Part 23 : 2017
3	Sulphur dioxide (SO_2) in $\mu\text{g}/\text{m}^3$	8.0	IS: 5182 (Part-2)-2001, RA-2017
4	Nitrogen dioxide (NO_2) in $\mu\text{g}/\text{m}^3$	31.9	IS: 5182 (Part- 6)-2006, RA-2017
NOTE: ---			

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TEST REPORT

Name & Address Of the Customer : M/s. Neo Metaliks Ltd. Vill + P.O. : Gopalpur P.S. : Kanksa,Durgapur Paschim Bardhaman West Bengal – 713 212	Report No. : QLS/A/20-21/C/25 Date : 11.06.2020 Sample No. : QLS/A/20-21/25 Sample Description : Work Zone Monitoring Sample Mark : Ground Hopper Ref No. Date : W119Y-00152, Dated: 03.03.2020
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Analysis Result

Location : Ground Hopper		Date of sampling : 30.05.2020	
Sampling Done by: S.Ghosh		Sampling done as per : CPCB Guidelines (Volume-1)	
Environmental Condition : Clear & Sunny			
Sl. No.	Pollutants	Result	Method of Test Reference
1	Total Suspended Particulate Matter in $\mu\text{g}/\text{m}^3$	691	IS 5182 : Part.4-1999,(RA-2014)
2	Respirable Suspended Particulate Matter in $\mu\text{g}/\text{m}^3$	433	IS 5182: Part 23 : 2012
3	Sulphur dioxide (SO_2) in $\mu\text{g}/\text{m}^3$	8.2	IS: 5182 (Part-2)-2001,(RA-2012)
4	Nitrogen dioxide (NO_2) in $\mu\text{g}/\text{m}^3$	35.2	IS: 5182 (Part- 6)-2012
NOTE: ----			

Report Reviewed By : R. Roy

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TEST REPORT

Name & Address Of the Customer :	Report No. : QLS/A/20-21/C/26
M/s. Neo Metaliks Ltd.	Date : 11.06.2020
Vill + P.O. : Gopalpur	Sample No. : QLS/A/20-21/26
P.S. : Kanksa,Durgapur	Sample Description : Work Zone Monitoring
Paschim Bardhaman	Sample Mark : Hot Metal Bay
West Bengal – 713 212	Ref No. Date : W119Y-00152, Dated: 03.03.2020

Analysis Result

Location : Hot Metal Bay		Date of sampling : 30.05.2020	
Sampling Done by: S.Ghosh		Sampling done as per : CPCB Guidelines (Volume-1)	
Environmental Condition : Clear & Sunny			
Sl. No.	Pollutants	Result	Method of Test Reference
1	Total Suspended Particulate Matter in $\mu\text{g}/\text{m}^3$	450	IS 5182 : Part.4-1999,(RA-2014)
2	Respirable Suspended Particulate Matter in $\mu\text{g}/\text{m}^3$	312	IS 5182: Part 23 : 2012
3	Sulphur dioxide (SO_2) in $\mu\text{g}/\text{m}^3$	8.0	IS: 5182 (Part-2)-2001,(RA-2012)
4	Nitrogen dioxide (NO_2) in $\mu\text{g}/\text{m}^3$	32.4	IS: 5182 (Part- 6)-2012
NOTE: ----			

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DOC NO : QLS/SAMP/08-A/00

TEST REPORT

Name & Address Of the Customer :	Report No. : QLS/A/20-21/C/101
M/s. Neo Metaliks Ltd.	Date : 11.08.2020
Vill + P.O. : Gopalpur	Sample No. : QLS/A/20-21/101
P.S. : Kanksa, Durgapur	Sample Description : Work Zone Monitoring
Paschim Bardhaman	Sample Mark : Near Tail ESP
West Bengal – 713 212	Ref No. Date : W120604-001, Dated: 04.06.2020

Analysis Result

Location : Near Tail ESP		Date of sampling : 26.07.2020	
Sampling Done by : S.Ghosh		Sampling done as per : CPCB Guidelines (Volume-1)	
Environmental Condition : Cloudy & Rainy			
Sl. No.	Pollutants	Result	Method of Test Reference
1	Total Suspended Particulate Matter in $\mu\text{g}/\text{m}^3$	506	IS 5182 : Part.4-1999,(RA-2014)
2	Respirable Suspended Particulate Matter in $\mu\text{g}/\text{m}^3$	278	IS 5182: Part 23 : 2017
3	Sulphur dioxide (SO_2) in $\mu\text{g}/\text{m}^3$	7.9	IS: 5182 (Part-2)-2001, RA-2017
4	Nitrogen dioxide (NO_2) in $\mu\text{g}/\text{m}^3$	33.8	IS: 5182 (Part- 6)-2006, RA-2017
NOTE: ----			

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TEST REPORT

Name & Address Of the Customer :	Report No. : QLS/A/20-21/C/100
M/s. Neo Metaliks Ltd.	Date : 11.08.2020
Vill + P.O. : Gopalpur	Sample No. : QLS/A/20-21/100
P.S. : Kanksa, Durgapur	Sample Description : Work Zone Monitoring
Paschim Bardhaman	Sample Mark : Near Head ESP
West Bengal – 713 212	Ref No. Date : W120604-001, Dated: 04.06.2020

Analysis Result

Location : Near Head ESP		Date of sampling : 26.07.2020	
Sampling Done by: S.Ghosh		Sampling done as per : CPCB Guidelines (Volume-1)	
Environmental Condition : Cloudy & Rainy			
Sl. No.	Pollutants	Result	Method of Test Reference
1	Total Suspended Particulate Matter in $\mu\text{g}/\text{m}^3$	463	IS 5182 : Part.4-1999,(RA-2014)
2	Respirable Suspended Particulate Matter in $\mu\text{g}/\text{m}^3$	235	IS 5182: Part 23 : 2017
3	Sulphur dioxide (SO ₂) in $\mu\text{g}/\text{m}^3$	7.4	IS: 5182 (Part-2)-2001, RA-2017
4	Nitrogen dioxide (NO ₂) in $\mu\text{g}/\text{m}^3$	35.7	IS: 5182 (Part- 6)-2006, RA-2017
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TEST REPORT

Name & Address Of the Customer :	Report No. : QLS/A/20-21/C/99
M/s. Neo Metaliks Ltd.	Date : 11.08.2020
Vill + P.O. : Gopalpur	Sample No. : QLS/A/20-21/99
P.S. : Kanksa,Durgapur	Sample Description : Work Zone Monitoring
Paschim Bardhaman	Sample Mark : Ground Hopper
West Bengal – 713 212	Ref No. Date : W120604-001, Dated: 04.06.2020

Analysis Result

Location : Ground Hopper		Date of sampling : 27.07.2020	
Sampling Done by: S.Ghosh		Sampling done as per : CPCB Guidelines (Volume-1)	
Environmental Condition : Cloudy & Rainy			
Sl. No.	Pollutants	Result	Method of Test Reference
1	Total Suspended Particulate Matter in $\mu\text{g}/\text{m}^3$	355	IS 5182 : Part.4-1999,(RA-2014)
2	Respirable Suspended Particulate Matter in $\mu\text{g}/\text{m}^3$	214	IS 5182: Part 23 : 2012
3	Sulphur dioxide (SO_2) in $\mu\text{g}/\text{m}^3$	7.0	IS: 5182 (Part-2)-2001,(RA-2012)
4	Nitrogen dioxide (NO_2) in $\mu\text{g}/\text{m}^3$	34.4	IS: 5182 (Part- 6)-2012
NOTE: ----			

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TEST REPORT

Name & Address Of the Customer :	Report No. : QLS/A/20-21/C/N-98
M/s. Neo Metaliks Ltd.	Date : 11.08.2020
Vill + P.O. : Gopalpur	Sample No. : QLS/A/20-21/N-98
P.S. : Kanksa,Durgapur	Sample Description : Work Zone Monitoring
Paschim Bardhaman	Sample Mark : Hot Metal Bay
West Bengal – 713 212	Ref No. Date : W120604-001, Dated: 04.06.2020

Analysis Result

Location : Hot Metal Bay		Date of sampling : 27.07.2020	
Sampling Done by: S.Ghosh		Sampling done as per : CPCB Guidelines (Volume-1)	
Environmental Condition : Cloudy & Rainy			
Sl. No.	Pollutants	Result	Method of Test Reference
1	Total Suspended Particulate Matter in $\mu\text{g}/\text{m}^3$	289	IS 5182 : Part.4-1999,(RA-2014)
2	Respirable Suspended Particulate Matter in $\mu\text{g}/\text{m}^3$	136	IS 5182: Part 23 : 2012
3	Sulphur dioxide (SO_2) in $\mu\text{g}/\text{m}^3$	7.1	IS: 5182 (Part-2)-2001,(RA-2012)
4	Nitrogen dioxide (NO_2) in $\mu\text{g}/\text{m}^3$	36.3	IS: 5182 (Part- 6)-2012
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TEST REPORT

Name & Address Of the Customer :	Report No. : QLS/A/20-21/C/214
M/s. Neo Metaliks Ltd.	Date : 15.10.2020
Vill + P.O. : Gopalpur	Sample No. : QLS/A/20-21/214
P.S. : Kanksa,Durgapur	Sample Description : Work Zone Monitoring
Paschim Bardhaman	Sample Mark : Near Tail ESP
West Bengal – 713 212	Ref No. Date : W119Y-00152, Dated: 03.03.2020

Analysis Result

Location : Near Tail ESP		Date of sampling : 28.09.2020	
Sampling Done by : S.Ghosh/J.Sahana		Sampling done as per : CPCB Guidelines (Volume-1)	
Environmental Condition : Clear & Sunny			
Sl. No.	Pollutants	Result	Method of Test Reference
1	Total Suspended Particulate Matter in $\mu\text{g}/\text{m}^3$	612	IS 5182 : Part.4-1999,(RA-2014)
2	Respirable Suspended Particulate Matter in $\mu\text{g}/\text{m}^3$	421	IS 5182: Part 23 : 2017
3	Sulphur dioxide (SO_2) in $\mu\text{g}/\text{m}^3$	7.8	IS: 5182 (Part-2)-2001, RA-2017
4	Nitrogen dioxide (NO_2) in $\mu\text{g}/\text{m}^3$	32.2	IS: 5182 (Part- 6)-2006, RA-2017
NOTE: ---			

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TEST REPORT

Name & Address Of the Customer :	Report No. : QLS/A/20-21/C/212
M/s. Neo Metaliks Ltd.	Date : 15.10.2020
Vill + P.O. : Gopalpur	Sample No. : QLS/A/20-21/212
P.S. : Kanksa,Durgapur	Sample Description : Work Zone Monitoring
Paschim Bardhaman	Sample Mark : Near Head ESP
West Bengal – 713 212	Ref No. Date : W119Y-00152, Dated: 03.03.2020

Analysis Result

Location : Near Head ESP		Date of sampling : 29.09.2020	
Sampling Done by: S.Ghosh/J.Sahana		Sampling done as per : CPCB Guidelines (Volume-1)	
Environmental Condition : Cloudy			
Sl. No.	Pollutants	Result	Method of Test Reference
1	Total Suspended Particulate Matter in $\mu\text{g}/\text{m}^3$	874	IS 5182 : Part.4-1999,(RA-2014)
2	Respirable Suspended Particulate Matter in $\mu\text{g}/\text{m}^3$	483	IS 5182: Part 23 : 2017
3	Sulphur dioxide (SO_2) in $\mu\text{g}/\text{m}^3$	7.5	IS: 5182 (Part-2)-2001, RA-2017
4	Nitrogen dioxide (NO_2) in $\mu\text{g}/\text{m}^3$	32.8	IS: 5182 (Part- 6)-2006, RA-2017
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TEST REPORT

Name & Address Of the Customer :	Report No. : QLS/A/20-21/C/213
M/s. Neo Metaliks Ltd.	Date : 15.10.2020
Vill + P.O. : Gopalpur	Sample No. : QLS/A/20-21/213
P.S. : Kanksa,Durgapur	Sample Description : Work Zone Monitoring
Paschim Bardhaman	Sample Mark : Ground Hopper
West Bengal – 713 212	Ref No. Date : W119Y-00152, Dated: 03.03.2020

Analysis Result

Location : Ground Hopper		Date of sampling : 29.09.2020	
Sampling Done by: S.Ghosh/J.Sahana		Sampling done as per : CPCB Guidelines (Volume-1)	
Environmental Condition : Cloudy			
Sl. No.	Pollutants	Result	Method of Test Reference
1	Total Suspended Particulate Matter in $\mu\text{g}/\text{m}^3$	324	IS 5182 : Part.4-1999,(RA-2014)
2	Respirable Suspended Particulate Matter in $\mu\text{g}/\text{m}^3$	156	IS 5182: Part 23 : 2012
3	Sulphur dioxide (SO_2) in $\mu\text{g}/\text{m}^3$	7.8	IS: 5182 (Part-2)-2001,(RA-2012)
4	Nitrogen dioxide (NO_2) in $\mu\text{g}/\text{m}^3$	32.2	IS: 5182 (Part- 6)-2012
NOTE: —			

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TEST REPORT

Name & Address Of the Customer :	Report No. : QLS/A/20-21/C/211
M/s. Neo Metaliks Ltd.	Date : 15.10.2020
Vill + P.O. : Gopalpur	Sample No. : QLS/A/20-21/211
P.S. : Kanksa,Durgapur	Sample Description : Work Zone Monitoring
Paschim Bardhaman	Sample Mark : Hot Metal Bay
West Bengal – 713 212	Ref No. Date : W119Y-00152, Dated: 03.03.2020

Analysis Result

Location : Hot Metal Bay		Date of sampling : 29.09.2020	
Sampling Done by: S.Ghosh/J.Sahana		Sampling done as per : CPCB Guidelines (Volume-1)	
Environmental Condition : Cloudy			
Sl. No.	Pollutants	Result	Method of Test Reference
1	Total Suspended Particulate Matter in $\mu\text{g}/\text{m}^3$	347	IS 5182 : Part.4-1999,(RA-2014)
2	Respirable Suspended Particulate Matter in $\mu\text{g}/\text{m}^3$	155	IS 5182: Part 23 : 2012
3	Sulphur dioxide (SO_2) in $\mu\text{g}/\text{m}^3$	8.1	IS: 5182 (Part-2)-2001,(RA-2012)
4	Nitrogen dioxide (NO_2) in $\mu\text{g}/\text{m}^3$	34.5	IS: 5182 (Part- 6)-2012
NOTE: ----			

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TEST REPORT

Name & Address Of the Customer :	Report No. : QLS/A/20-21/C/21
M/s. Neo Metaliks Ltd.	Date : 11.06.2020
Vill + P.O. : Gopalpur	Sample No. : QLS/A/20-21/21
P.S. : Kanksa, Durgapur	Sample Description : Stack Flue Gas
Paschim Bardhaman	Sample Mark : DG Set(1250 kVA)
West Bengal – 713 212	Ref No. Date : W119Y-00152, Dated: 03.03.2020

Analysis Result

1Date & Time of Sampling : 30.05.2020 at 12.40 P.M.		Sampling Procedures : EPA/IS	
Sampling done by : S.Ghosh			
A : General Information of Stack:			
1	Stack connected to	: DG Set-1250 kVA	
2	Emission due to	: Combustion HSD	
3	Material of construction of Stack	: MS	
4	Shape of Stack	: Circular	
5	Whether stack is provided with permanent platform	: Yes	
6	Generation Capacity	: 1250 kVA	
B : Physical Characteristic of Stack:			
1	Height of Stack from ground level	: 30.0 m	
2	Diameter of Stack at bottom	: ----	
3	Diameter of Stack at sampling point	: 0.25 m	
4	Height of the sampling point from ground level	: 7.62 m	
5	Area of Stack	: 0.0491 m ²	
C : Analysis/Characteristic of Stack :			
1	Fuel used : HSD	2. Fuel consumption : 30 lit/hr	
D : Results of Sampling & Analysis of gaseous Emission :		Result	Method
1	Temperature of emission (°C)	: 265	EPA Part 2
2	Barometric pressure (mm of Hg)	: 750	EPA Part 2
3	Velocity of gas (m/sec)	: 12.74	EPA Part 2
4	Quantity of gas flow (Nm ³ /hr)	: 1231	EPA Part 2
5	Concentration of Carbon monoxide (%)	: Bellow 0.2	IS:13270-1992, Reaf : 2009
6	Concentration of Carbon dioxide (%)	: 5.2	IS:13270-1992, Reaf : 2009
7	Concentration of Sulphur dioxide (mg/Nm3)	: <3.4	EPA Part-6
8	Concentration of Nitrogen dioxide (mg/Nm3)	: 19.8	EPA Part-7
9	Concentration of Particulate Matters (mg/Nm3)	: 20	EPA Part 5
E : Pollution :			
Details of pollution control devices attached with the stack		: NIL	
F : Remarks : Nil			

Report Reviewed By : R. Roy

for Qualissure Laboratory Services

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TEST REPORT

Name & Address Of the Customer :	Report No. : QLS/A/20-21/C/20
M/s. Neo Metaliks Ltd.	Date : 11.06.2020
Vill + P.O. : Gopalpur	Sample No. : QLS/A/20-21/20
P.S. : Kanksa, Durgapur	Sample Description : Stack Flue Gas
Paschim Bardhaman	Sample Mark : DG Set(1500 kVA)
West Bengal – 713 212	Ref No. Date : W119Y-00152, Dated: 03.03.2020

Analysis Result

Date & Time of Sampling : 30.05.2020 at 12.00 P.M.		Sampling Procedures : EPA/IS	
Sampling done by : S.Ghosh			
A : General Information of Stack:			
1	Stack connected to	: DG Set-1500 kVA	
2	Emission due to	: Combustion HSD	
3	Material of construction of Stack	: MS	
4	Shape of Stack	: Circular	
5	Whether stack is provided with permanent platform	: Yes	
6	Generation Capacity	: 1500 kVA	
B : Physical Characteristic of Stack:			
1	Height of Stack from ground level	: 30.0 m	
2	Diameter of Stack at bottom	: ---	
3	Diameter of Stack at sampling point	: 0.25 m	
4	Height of the sampling point from ground level	: 7.62 m	
5	Area of Stack	: 0.0491m ²	
C : Analysis/Characteristic of Stack :			
1	Fuel used : HSD	2. Fuel consumption : 270 lit/hr	
D : Results of Sampling & Analysis of gaseous Emission :		Result	Method
1	Temperature of emission (°C)	: 275	EPA Part 2
2	Barometric pressure (mm of Hg)	: 750	EPA Part 2
3	Velocity of gas (m/sec)	: 14.99	EPA Part 2
4	Quantity of gas flow (Nm ³ /hr)	: 1422	EPA Part 2
5	Concentration of Carbon monoxide (%)	: Bellow 0.2	IS:13270-1992, Reaf : 2009
6	Concentration of Carbon dioxide (%)	: 5.2	IS:13270-1992, Reaf : 2009
7	Concentration of Sulphur dioxide (mg/Nm3)	: 5.9	EPA Part-6
8	Concentration of Nitrogen dioxide (mg/Nm3)	: 28.0	EPA Part-7
9	Concentration of Particulate Matters (mg/Nm3)	: 42	EPA Part 5
E : Pollution :			
Details of pollution control devices attached with the stack		: Nil	
F : Remarks : Nil			

Report Reviewed By : R. Roy

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TEST REPORT

Name & Address Of the Customer :	Report No. : QLS/A/20-21/C/18
M/s. Neo Metaliks Ltd.	Date : 11.06.2020
Vill + P.O. : Gopalpur	Sample No. : QLS/A/20-21/18
P.S. : Kanksa, Durgapur	Sample Description : Stack Flue Gas
Paschim Bardhaman	Sample Mark : Sinter Plant (Tail ESP)
West Bengal – 713 212	Ref No. Date : W119Y-00152, Dated: 03.03.2020

Analysis Result

Date & Time of Sampling : 29.05.2020 at 12.20 P.M.		Sampling Procedures : EPA/IS
Sampling done by : S.Ghosh		
A : General Information of Stack:		
1	Stack connected to	: Sinter Plant (Tail ESP)
2	Emission due to	: Process Activity
3	Material of construction of Stack	: MS
4	Shape of Stack	: Circular
5	Whether stack is provided with permanent platform	: Yes
6	Generation Capacity	: ---
B : Physical Characteristic of Stack:		
1	Height of Stack from ground level	: 40.0 m
2	Diameter of Stack at bottom	: ---
3	Diameter of Stack at sampling point	: 2.0 m
4	Height of the sampling point from ground level	: 35.0 m
5	Area of Stack	: 3.1429 m ²
C : Analysis/Characteristic of Stack :		
1	Fuel used : ---	2. Fuel consumption : ---
D : Results of Sampling & Analysis of gaseous Emission :		
	Result	Method
1	Temperature of emission (°C)	: 75 EPA Part 2
2	Barometric pressure (mm of Hg)	: 750 EPA Part 2
3	Velocity of gas (m/sec)	: 9.49 EPA Part 2
4	Quantity of gas flow (Nm ³ /hr)	: 95481 EPA Part 2
5	Concentration of Carbon monoxide (%)	: Bellow 0.2 IS:13270-1992, Reaf : 2009
6	Concentration of Carbon dioxide (%)	: 0.8 IS:13270-1992, Reaf : 2009
7	Concentration of Sulphur dioxide (mg/Nm3)	: <3.4 EPA Part-6
8	Concentration of Nitrogen dioxide (mg/Nm3)	: 33.4 EPA Part-7
9	Concentration of Particulate Matters (mg/Nm3)	: 27 EPA Part 5
E : Pollution :		
Details of pollution control devices attached with the stack		: ESP
F : Remarks : Nil		

Report Reviewed By : R. R. S. J.

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DOC NO : QLS//SAMP/08-B/00

TEST REPORT

Name & Address Of the Customer :	Report No. : QLS/A/20-21/C/17
M/s. Neo Metaliks Ltd.	Date : 11.06.2020
Vill + P.O. : Gopalpur	Sample No. : QLS/A/20-21/17
P.S. : Kanksa, Durgapur	Sample Description : Stack Flue Gas
Paschim Bardhaman	Sample Mark : Sinter Plant (Head ESP)
West Bengal – 713 212	Ref No. Date : W119Y-00152, Dated: 03.03.2020

Analysis Result

Date & Time of Sampling : 29.05.2020 at 11.15 A.M.	Sampling Procedures : EPA/IS
Sampling done by : S.Ghosh	
A : General Information of Stack:	
1 Stack connected to	: Sinter Plant (Head ESP)
2 Emission due to	: Combustion BF Gas
3 Material of construction of Stack	: MS
4 Shape of Stack	: Circular
5 Whether stack is provided with permanent platform	: Yes
6 Generation Capacity	: ---
B : Physical Characteristic of Stack:	
1 Height of Stack from ground level	: 50.0 m
2 Diameter of Stack at bottom	: ---
3 Diameter of Stack at sampling point	: 2.2 m
4 Height of the sampling point from ground level	: 37.25 m
5 Area of Stack	: 3.8029 m ²
C : Analysis/Characteristic of Stack :	
1 Fuel used : BF Gas	2. Fuel consumption : 3500 Nm ³ /hr
D : Results of Sampling & Analysis of gaseous Emission :	Result Method
1 Temperature of emission (°C)	: 135 EPA Part 2
2 Barometric pressure (mm of Hg)	: 750 EPA Part 2
3 Velocity of gas (m/sec)	: 9.65 EPA Part 2
4 Quantity of gas flow (Nm ³ /hr)	: 95185 EPA Part 2
5 Concentration of Carbon monoxide (%)	: Below 0.2 IS:13270-1992, Reaf : 2009
6 Concentration of Carbon dioxide (%)	: 6.2 IS:13270-1992, Reaf : 2009
7 Concentration of Sulphur dioxide (mg/Nm ³)	: 32.0 EPA Part-6
8 Concentration of Nitrogen dioxide (mg/Nm ³)	: 51.4 EPA Part-7
9 Concentration of Particulate Matters (mg/Nm ³)	: 49 EPA Part 5
E : Pollution :	
Details of pollution control devices attached with the stack	: ESP
F : Remarks : Nil	

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DOC NO : QLS//SAMP/08-B/00

TEST REPORT

Name & Address Of the Customer :	Report No. : QLS/A/20-21/C/16
M/s. Neo Metaliks Ltd.	Date : 11.06.2020
Vill + P.O. : Gopalpur	Sample No. : QLS/A/20-21/16
P.S. : Kanksa, Durgapur	Sample Description : Stack Flue Gas
Paschim Bardhaman	Sample Mark : CPP
West Bengal – 713 212	Ref No. Date : W119Y-00152, Dated: 03.03.2020

Analysis Result

Date & Time of Sampling : 28.05.2020 at 12.10 P.M.		Sampling Procedures : EPA/IS	
Sampling done by : S.Ghosh			
A : General Information of Stack:			
1	Stack connected to	: CPP	
2	Emission due to	: Combustion FO & BF Gas	
3	Material of construction of Stack	: MS	
4	Shape of Stack	: Circular	
5	Whether stack is provided with permanent platform	: Yes	
6	Generation Capacity	: 4.5 MW	
B : Physical Characteristic of Stack:			
1	Height of Stack from ground level	: 50.0 m	
2	Diameter of Stack at bottom	: ---	
3	Diameter of Stack at sampling point	: 1.4 m	
4	Height of the sampling point from ground level	: 31.0 m	
5	Area of Stack	: 1.54m ²	
C : Analysis/Characteristic of Stack :			
1.	Fuel used : BF Gas & Furnace Oil	2. Fuel consumption : BF Gas- 24000 Nm ³ /hr	
D : Results of Sampling & Analysis of gaseous Emission :		Result	Method
1	Temperature of emission (°C)	: 133	EPA Part 2
2	Barometric pressure (mm of Hg)	: 750	EPA Part 2
3	Velocity of gas (m/sec)	: 10.76	EPA Part 2
4	Quantity of gas flow (Nm ³ /hr)	: 43197	EPA Part 2
5	Concentration of Carbon monoxide (%)	: Bellow 0.2	IS:13270-1992, Reaf : 2009
6	Concentration of Carbon dioxide (%)	: 8.0	IS:13270-1992, Reaf : 2009
7	Concentration of Sulphur dioxide (mg/Nm3)	: 41.5	EPA Part-6
8	Concentration of Nitrogen dioxide (mg/Nm3)	: 73.2	EPA Part-7
9	Concentration of Particulate Matters (mg/Nm3)	: 31 at 12 % CO ₂	EPA Part 5
E : Pollution :			
Details of pollution control devices attached with the stack		: NIL	
F : Remarks : Nil			

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DOC NO : QLS/SAMP/08-B/00

TEST REPORT

Name & Address Of the Customer : M/s. Neo Metaliks Ltd. Vill + P.O. : Gopalpur P.S. : Kanksa, Durgapur Paschim Bardhaman West Bengal – 713 212	Report No. : QLS/A/20-21/C/19 Date : 11.06.2020 Sample No. : QLS/A/20-21/19 Sample Description : Stack Flue Gas Sample Mark : MBF Plant (Blast Furnace) Ref No. Date : W119Y-00152, Dated: 03.03.2020
--	--

Analysis Result

Date & Time of Sampling : 29.05.2020 at 2.10 P.M.		Sampling Procedures : EPA/IS	
Sampling done by : S.Ghosh			
A : General Information of Stack:			
1	Stack connected to	: MBF Plant (Blast Furnace)	
2	Emission due to	: Combustion BF Gas & Coke	
3	Material of construction of Stack	: MS	
4	Shape of Stack	: Circular	
5	Whether stack is provided with permanent platform	: Yes	
6	Generation Capacity	: ---	
B : Physical Characteristic of Stack:			
1	Height of Stack from ground level	: 50.0 m	
2	Diameter of Stack at bottom	: ---	
3	Diameter of Stack at sampling point	: 2.29 m	
4	Height of the sampling point from ground level	: 26.82 m	
5	Area of Stack	: 4.1204 m ²	
C : Analysis/Characteristic of Stack :			
1	Fuel used : BF Gas & Coke	2. Fuel consumption : 36000 Nm ³ /hr.	
D : Results of Sampling & Analysis of gaseous Emission :		Result	Method
1	Temperature of emission (°C)	: 165	EPA Part 2
2	Barometric pressure (mm of Hg)	: 750	EPA Part 2
3	Velocity of gas (m/sec)	: 8.71	EPA Part 2
4	Quantity of gas flow (Nm ³ /hr)	: 86790	EPA Part 2
5	Concentration of Carbon monoxide (%)	: Bellow 0.2	IS:13270-1992, Reaf : 2009
6	Concentration of Carbon dioxide (%)	: 8.2	IS:13270-1992, Reaf : 2009
7	Concentration of Sulphur dioxide (mg/Nm ³)	: 61.0	EPA Part-6
8	Concentration of Nitrogen dioxide (mg/Nm ³)	: 53.4	EPA Part-7
9	Concentration of Particulate Matters (mg/Nm ³)	: 44	EPA Part 5
E : Pollution :			
Details of pollution control devices attached with the stack		: Cyclone Separator, Saturator & Ventury Scrubber	
F : Remarks : Nil			

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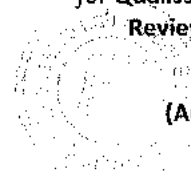
TEST REPORT

Name & Address Of the Customer :	Report No. : QLS/A/20-21/C/106
M/s. Neo Metaliks Ltd.	Date : 11.08.2020
Vill + P.O. : Gopalpur	Sample No. : QLS/A/20-21/106
P.S. : Kanksa, Durgapur	Sample Description : Stack Flue Gas
Paschim Bardhaman	Sample Mark : DG Set(1250 kVA)
West Bengal – 713 212	Ref No. Date : W120604-001, Dated: 04.06.2020

Analysis Result

1Date & Time of Sampling : 27.07.2020 at 11.40 A.M.		Sampling Procedures : EPA/IS
Sampling done by : B.Gorai		
A : General Information of Stack:		
1	Stack connected to	: DG Set-1250 kVA
2	Emission due to	: Combustion HSD
3	Material of construction of Stack	: MS
4	Shape of Stack	: Circular
5	Whether stack is provided with permanent platform	: Yes
6	Generation Capacity	: 1250 kVA
B : Physical Characteristic of Stack:		
1	Height of Stack from ground level	: 30.0 m
2	Diameter of Stack at bottom	: ---
3	Diameter of Stack at sampling point	: 0.25 m
4	Height of the sampling point from ground level	: 7.62 m
5	Area of Stack	: 0.0491 m ²
C : Analysis/Characteristic of Stack :		
1	Fuel used : HSD	2. Fuel consumption : 30 lit/hr
D : Results of Sampling & Analysis of gaseous Emission :		Result
1	Temperature of emission (°C)	: 217
2	Barometric pressure (mm of Hg)	: 751
3	Velocity of gas (m/sec)	: 13.87
4	Quantity of gas flow (Nm ³ /hr)	: 1475
5	Concentration of Carbon monoxide (g/kw-hr.)	: 0.249
6	Concentration of Carbon dioxide (g/kw-hr.)	: 127.44
7	Concentration of Sulphur dioxide (g/kw-hr.)	: <0.005
8	Concentration of Nitrogen dioxide (g/kw-hr.)	: 0.027
9	Concentration of Particulate Matters (g/kw-hr.)	: 0.044
E : Pollution :		
Details of pollution control devices attached with the stack		: NIL
F : Remarks : Nil		

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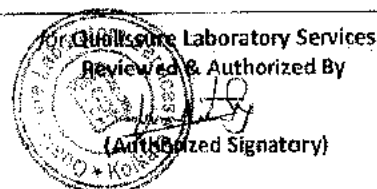
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TEST REPORT

Name & Address Of the Customer :	Report No. : QLS/A/20-21/C/105
M/s. Neo Metaliks Ltd.	Date : 11.08.2020
Vill + P.O. : Gopalpur	Sample No. : QLS/A/20-21/105
P.S. : Kanksa, Durgapur	Sample Description : Stack Flue Gas
Paschim Bardhaman	Sample Mark : DG Set(1500 kVA)
West Bengal – 713 212	Ref No. Date : W120604-001, Dated: 04.06.2020

Analysis Result

Date & Time of Sampling : 27.07.2020 at 11.00 A.M	Sampling Procedures : EPA/IS
Sampling done by : B.Gorai	
A : General Information of Stack:	
1 Stack connected to	: DG Set-1500 kVA
2 Emission due to	: Combustion HSD
3 Material of construction of Stack	: MS
4 Shape of Stack	: Circular
5 Whether stack is provided with permanent platform	: Yes
6 Generation Capacity	: 1500 kVA
B : Physical Characteristic of Stack:	
1 Height of Stack from ground level	: 30.0 m
2 Diameter of Stack at bottom	: —
3 Diameter of Stack at sampling point	: 0.25 m
4 Height of the sampling point from ground level	: 7.62 m
5 Area of Stack	: 0.0491m ²
C : Analysis/Characteristic of Stack :	
1 Fuel used : HSD	2. Fuel consumption : 270 lit/hr
D : Results of Sampling & Analysis of gaseous Emission :	
	Result Method
1 Temperature of emission (°C)	: 223 EPA Part 2
2 Barometric pressure (mm of Hg)	: 751 EPA Part 2
3 Velocity of gas (m/sec)	: 13.56 EPA Part 2
4 Quantity of gas flow (Nm ³ /hr)	: 1424 EPA Part 2
5 Concentration of Carbon monoxide (g/kw-hr.)	: 0.208 IS:13270-1992, Reaf : 2009
6 Concentration of Carbon dioxide (g/kw-hr.)	: 106.80 IS:13270-1992, Reaf : 2009
7 Concentration of Sulphur dioxide (g/kw-hr.)	: <0.004 EPA Part-6
8 Concentration of Nitrogen dioxide (g/kw-hr.)	: 0.025 EPA Part-7
9 Concentration of Particulate Matters (g/kw-hr.)	: 0.044 EPA Part 5
E : Pollution :	
Details of pollution control devices attached with the stack	: Nil
F : Remarks : Nil	



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TEST REPORT

Name & Address Of the Customer : M/s. Neo Metaliks Ltd. Vill + P.O. : Gopalpur P.S. : Kanksa, Durgapur Paschim Bardhaman West Bengal – 713 212	Report No. : QLS/A/20-21/C/103 Date : 11.08.2020 Sample No. : QLS/A/20-21/103 Sample Description : Stack Flue Gas Sample Mark : Sinter Plant (Tail ESP) Ref No. Date : W120604-001, Dated: 04.06.2020
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Analysis Result

Date & Time of Sampling : 26.07.2020 at 12.00 P.M. Sampling done by : B.Gorai	Sampling Procedures : EPA/IS
A : General Information of Stack: 1 Stack connected to : Sinter Plant (Tail ESP) 2 Emission due to : Process Activity 3 Material of construction of Stack : MS 4 Shape of Stack : Circular 5 Whether stack is provided with permanent platform : Yes 6 Generation Capacity : ---	
B : Physical Characteristic of Stack: 1 Height of Stack from ground level : 40.0 m 2 Diameter of Stack at bottom : --- 3 Diameter of Stack at sampling point : 2.0 m 4 Height of the sampling point from ground level : 35.0 m 5 Area of Stack : 3.1429 m ²	
C : Analysis/Characteristic of Stack : 1 Fuel used : --- 2. Fuel consumption : ---	
D : Results of Sampling & Analysis of gaseous Emission :	
1 Temperature of emission (°C)	Result : 69 Method : EPA Part 2
2 Barometric pressure (mm of Hg)	: 752 EPA Part 2
3 Velocity of gas (m/sec)	: 9.28 EPA Part 2
4 Quantity of gas flow (Nm ³ /hr)	: 90587 EPA Part 2
5 Concentration of Carbon monoxide (%)	: Bellow 0.2 IS:13270-1992, Reaf : 2009
6 Concentration of Carbon dioxide (%)	: 0.8 IS:13270-1992, Reaf : 2009
7 Concentration of Sulphur dioxide (mg/Nm ³)	: <3.4 EPA Part-6
8 Concentration of Nitrogen dioxide (mg/Nm ³)	: 31.4 EPA Part-7
9 Concentration of Particulate Matters (mg/Nm ³)	: 39 EPA Part 5
E : Pollution : Details of pollution control devices attached with the stack : ESP	
F : Remarks : Nil	

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TEST REPORT

Name & Address Of the Customer :	Report No.	: QLS/A/20-21/C/104
M/s. Neo Metaliks Ltd.	Date	: 11.08.2020
Vill + P.O. : Gopalpur	Sample No.	: QLS/A/20-21/104
P.S. : Kanksa, Durgapur	Sample Description	: Stack Flue Gas
Paschim Bardhaman	Sample Mark	: Sinter Plant (Head ESP)
West Bengal – 713 212	Ref No. Date	: W120604-001, Dated: 04.06.2020

Analysis Result

Date & Time of Sampling : 26.07.2020 at 11.00 A.M.		Sampling Procedures : EPA/IS	
Sampling done by : B.Gorai			
A : General Information of Stack:			
1	Stack connected to	: Sinter Plant (Head ESP)	
2	Emission due to	: Combustion BF Gas	
3	Material of construction of Stack	: MS	
4	Shape of Stack	: Circular	
5	Whether stack is provided with permanent platform	: Yes	
6	Generation Capacity	: ---	
B : Physical Characteristic of Stack:			
1	Height of Stack from ground level	: 50.0 m	
2	Diameter of Stack at bottom	: ---	
3	Diameter of Stack at sampling point	: 2.2 m	
4	Height of the sampling point from ground level	: 37.25 m	
5	Area of Stack	: 3.8029 m ²	
C : Analysis/Characteristic of Stack :			
1	Fuel used : BF Gas	2. Fuel consumption : 3500 Nm ³ /hr	
D : Results of Sampling & Analysis of gaseous Emission :		Result	Method
1	Temperature of emission (°C)	: 119	EPA Part 2
2	Barometric pressure (mm of Hg)	: 751	EPA Part 2
3	Velocity of gas (m/sec)	: 9.01	EPA Part 2
4	Quantity of gas flow (Nm ³ /hr)	: 92859	EPA Part 2
5	Concentration of Carbon monoxide (%)	: Bellow 0.2	IS:13270-1992, Reaf : 2009
6	Concentration of Carbon dioxide (%)	: 4.4	IS:13270-1992, Reaf : 2009
7	Concentration of Sulphur dioxide (mg/Nm ³)	: 37.0	EPA Part-6
8	Concentration of Nitrogen dioxide (mg/Nm ³)	: 47.7	EPA Part-7
9	Concentration of Particulate Matters (mg/Nm ³)	: 55	EPA Part 5
E : Pollution :			
Details of pollution control devices attached with the stack		: ESP	
F : Remarks : Nil			

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TEST REPORT

Name & Address Of the Customer :	Report No. : QLS/A/20-21/C/107
M/s. Neo Metaliks Ltd.	Date : 11.08.2020
Vill + P.O. : Gopalpur	Sample No. : QLS/A/20-21/107
P.S. : Kanksa, Durgapur	Sample Description : Stack Flue Gas
Paschim Bardhaman	Sample Mark : CPP
West Bengal – 713 212	Ref No. Date : W120604-001, Dated: 04.06.2020

Analysis Result

Date & Time of Sampling : 27.07.2020 at 12.50 P.M.		Sampling Procedures : EPA/IS	
Sampling done by : B.Gorai			
A : General Information of Stack:			
1	Stack connected to	: CPP	
2	Emission due to	: Combustion FO & BF Gas	
3	Material of construction of Stack	: MS	
4	Shape of Stack	: Circular	
5	Whether stack is provided with permanent platform	: Yes	
6	Generation Capacity	: 4.5 MW	
B : Physical Characteristic of Stack:			
1	Height of Stack from ground level	: 50.0 m	
2	Diameter of Stack at bottom	: ---	
3	Diameter of Stack at sampling point	: 1.4 m	
4	Height of the sampling point from ground level	: 31.0 m	
5	Area of Stack	: 1.54m ²	
C : Analysis/Characteristic of Stack :			
1. Fuel used : BF Gas & Furnace Oil		2. Fuel consumption : BF Gas- 24000 Nm ³ /hr	
D : Results of Sampling & Analysis of gaseous Emission :			
		Result	Method
1	Temperature of emission (°C)	: 141	EPA Part 2
2	Barometric pressure (mm of Hg)	: 751	EPA Part 2
3	Velocity of gas (m/sec)	: 10.87	EPA Part 2
4	Quantity of gas flow (Nm ³ /hr)	: 42899	EPA Part 2
5	Concentration of Carbon monoxide (%)	: Bellow 0.2	IS:13270-1992, Reaf : 2009
6	Concentration of Carbon dioxide (%)	: 7.6	IS:13270-1992, Reaf : 2009
7	Concentration of Sulphur dioxide (mg/Nm3)	: 38.8	EPA Part-6
8	Concentration of Nitrogen dioxide (mg/Nm3)	: 63.3	EPA Part-7
9	Concentration of Particulate Matters (mg/Nm3)	: 21 at 12 % CO ₂	EPA Part 5
E : Pollution :			
Details of pollution control devices attached with the stack		: NIL	
F : Remarks : Nil			

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TEST REPORT

Name & Address Of the Customer :	Report No. : QLS/A/20-21/C/102
M/s. Neo Metaliks Ltd.	Date : 11.08.2020
Vill + P.O. : Gopalpur	Sample No. : QLS/A/20-21/102
P.S. : Kanksa, Durgapur	Sample Description : Stack Flue Gas
Paschim Bardhaman	Sample Mark : MBF Plant (Blast Furnace)
West Bengal – 713 212	Ref No. Date : W120604-001, Dated: 04.06.2020

Analysis Result

Date & Time of Sampling : 26.07.2020 at 1.50 P.M.		Sampling Procedures : EPA/IS
Sampling done by : B.Gorai		
A : General Information of Stack:		
1	Stack connected to	: MBF Plant (Blast Furnace)
2	Emission due to	: Combustion BF Gas & Coke
3	Material of construction of Stack	: MS
4	Shape of Stack	: Circular
5	Whether stack is provided with permanent platform	: Yes
6	Generation Capacity	: ---
B : Physical Characteristic of Stack:		
1	Height of Stack from ground level	: 50.0 m
2	Diameter of Stack at bottom	: ---
3	Diameter of Stack at sampling point	: 2.29 m
4	Height of the sampling point from ground level	: 26.82 m
5	Area of Stack	: 4.1204 m ²
C : Analysis/Characteristic of Stack :		
1	Fuel used : BF Gas & Coke	2. Fuel consumption : 36000 Nm ³ /hr.
D : Results of Sampling & Analysis of gaseous Emission :		
	Result	Method
1	Temperature of emission (°C)	: 170 EPA Part 2
2	Barometric pressure (mm of Hg)	: 751 EPA Part 2
3	Velocity of gas (m/sec)	: 8.84 EPA Part 2
4	Quantity of gas flow (Nm ³ /hr)	: 87314 EPA Part 2
5	Concentration of Carbon monoxide (%)	: Bellow 0.2 IS:13270-1992, Reaf : 2009
6	Concentration of Carbon dioxide (%)	: 8.0 IS:13270-1992, Reaf : 2009
7	Concentration of Sulphur dioxide (mg/Nm ³)	: 57.8 EPA Part-6
8	Concentration of Nitrogen dioxide (mg/Nm ³)	: 45.5 EPA Part-7
9	Concentration of Particulate Matters (mg/Nm ³)	: 29 EPA Part 5
E : Pollution :		
Details of pollution control devices attached with the stack		: Cyclone Separator, Saturator & Ventury Scrubber
F : Remarks : Nil		

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TEST REPORT

Name & Address Of the Customer :	Report No. : QLS/A/20-21/C/220
M/s. Neo Metaliks Ltd.	Date : 15.10.2020
Vill + P.O. : Gopalpur	Sample No. : QLS/A/20-21/220
P.S. : Kanksa,Durgapur	Sample Description : Stack Flue Gas
Paschim Bardhaman	Sample Mark : DG Set(1250 kVA)
West Bengal – 713 212	Ref No. Date : W119Y-00152, Dated: 03.03.2020

Analysis Result

Date & Time of Sampling : 28.09.2020 at 02.00 P.M.		Sampling Procedures : EPA/IS	
Sampling done by : S.Ghosh			
A : General Information of Stack:			
1	Stack connected to	: DG Set-1250 kVA	
2	Emission due to	: Combustion HSD	
3	Material of construction of Stack	: MS	
4	Shape of Stack	: Circular	
5	Whether stack is provided with permanent platform	: Yes	
6	Generation Capacity	: 1250 kVA	
B : Physical Characteristic of Stack:			
1	Height of Stack from ground level	: 30.0 m	
2	Diameter of Stack at bottom	: ----	
3	Diameter of Stack at sampling point	: 0.25 m	
4	Height of the sampling point from ground level	: 7.62 m	
5	Area of Stack	: 0.0491 m ²	
C : Analysis/Characteristic of Stack :			
1	Fuel used : HSD	2. Fuel consumption : 30 lit/hr	
D : Results of Sampling & Analysis of gaseous Emission :		Result	Method
1	Temperature of emission (°C)	: 260	EPA Part 2
2	Barometric pressure (mm of Hg)	: 752	EPA Part 2
3	Velocity of gas (m/sec)	: 12.58	EPA Part 2
4	Quantity of gas flow (Nm ³ /hr)	: 1227	EPA Part 2
5	Concentration of Carbon monoxide(mg/Nm ³)	: 108.9 at 15% O ₂	IS:13270-1992, Reaf : 2014
6	Concentration of Carbon dioxide(%v/v)	: 5.0	IS:13270-1992, Reaf : 2014
7	Concentration of Sulphur dioxide (mg/Nm ³)	: <3.4	EPA Part-6
8	Concentration of Nitrogen dioxide (ppm)	: 11.3 at 15% O ₂	EPA Part-7
9	Concentration of Particulate Matters (mg/Nm ³)	: 30 at 15% O ₂	EPA Part 5
E : Pollution :			
Details of pollution control devices attached with the stack : NIL			
F : Remarks : Nil			

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Qualissure Laboratory Services

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Email : qualissure@gmail.com, info@qualissure.com : Mob.No. 98312 87086 : 9830093976



DOC NO : QLS/SAMP/08-B/00

TEST REPORT

Name & Address Of the Customer :	Report No. : QLS/A/20-21/C/218
M/s. Neo Metaliks Ltd.	Date : 15.10.2020
Vill + P.O. : Gopalpur	Sample No. : QLS/A/20-21/218
P.S. : Kanksa, Durgapur	Sample Description : Stack Flue Gas
Paschim Bardhaman	Sample Mark : DG Set(1500 kVA)
West Bengal – 713 212	Ref.No. Date : W119Y-D0152, Dated: 03.03.2020

Analysis Result

Date & Time of Sampling : 28.09.2020 at 1.30 P.M		Sampling Procedures : EPA/IS		
Sampling done by : S.Ghosh				
A : General Information of Stack:				
1	Stack connected to	: DG Set-1500 kVA		
2	Emission due to	: Combustion HSD		
3	Material of construction of Stack	: MS		
4	Shape of Stack	: Circular		
5	Whether stack is provided with permanent platform	: Yes		
6	Generation Capacity	: 1500 kVA		
B : Physical Characteristic of Stack:				
1	Height of Stack from ground level	: 30.0 m		
2	Diameter of Stack at bottom	: ---		
3	Diameter of Stack at sampling point	: 0.25 m		
4	Height of the sampling point from ground level	: 7.62 m		
5	Area of Stack	: 0.0491m ²		
C : Analysis/Characteristic of Stack :				
1	Fuel used : HSD	2. Fuel consumption : 270 lit/hr		
D : Results of Sampling & Analysis of gaseous Emission		Result	Method	LIMIT
1	Temperature of emission (°C)	: 260	EPA Part 2	---
2	Barometric pressure (mm of Hg)	: 752	EPA Part 2	---
3	Velocity of gas (m/sec)	: 12.58	EPA Part 2	---
4	Quantity of gas flow (Nm ³ /hr)	: 1227	EPA Part 2	---
5	Concentration of Carbon monoxide(mg/Nm ³)	: 102.5 at 15% O ₂	IS:13270-1992, Reaf : 2014	150
6	Concentration of Carbon dioxide(%v/v)	: 5.0	IS:13270-1992, Reaf : 2014	---
7	Concentration of Sulphur dioxide (mg/Nm ³)	: <3.4	EPA Part-6	710
8	Concentration of Nitrogen dioxide (ppm)	: 9.3 at 15% O ₂	EPA Part-7	100
9	Concentration of Particulate Matters (mg/Nm ³)	: 24.2 at 15% O ₂	EPA Part 5	75
E : Pollution :				
Details of pollution control devices attached with the stack : Nil				
F : Remarks : Nil				

for Qualissure Laboratory Services
Reviewed & Authorized By

(Authorized Signatory)

- The results relate only to the item(s) tested.
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- The reserved part of sample(s), except perishable sample(s), shall be retained for 30 days from the date of issue of the Test Report.

DOC NO : QLS/SAMP/08-B/00

TEST REPORT

Name & Address Of the Customer :	Report No. : QLS/A/20-21/C/215
M/s. Neo Metaliks Ltd.	Date : 15.10.2020
Vill + P.O. : Gopalpur	Sample No. : QLS/A/20-21/215
P.S. : Kanksa,Durgapur	Sample Description : Stack Flue Gas
Paschim Bardhaman	Sample Mark : Sinter Plant (Tail ESP)
West Bengal – 713 212	Ref No. Date : W119Y-00152, Dated: 03.03.2020

Analysis Result

Date & Time of Sampling : 27.09.2020 at 11.30 A.M.		Sampling Procedures : EPA/IS
Sampling done by : S.Ghosh		
A : General Information of Stack:		
1	Stack connected to	: Sinter Plant (Tail ESP)
2	Emission due to	: Process Activity
3	Material of construction of Stack	: MS
4	Shape of Stack	: Circular
5	Whether stack is provided with permanent platform	: Yes
6	Generation Capacity	: ----
B : Physical Characteristic of Stack:		
1	Height of Stack from ground level	: 40.0 m
2	Diameter of Stack at bottom	: ----
3	Diameter of Stack at sampling point	: 2.0 m
4	Height of the sampling point from ground level	: 35.0 m
5	Area of Stack	: 3.1429 m ²
C : Analysis/Characteristic of Stack :		
1	Fuel used : ----	2. Fuel consumption : ----
D : Results of Sampling & Analysis of gaseous Emission :		Result
1	Temperature of emission (°C)	: 78
2	Barometric pressure (mm of Hg)	: 752
3	Velocity of gas (m/sec)	: 8.94
4	Quantity of gas flow (Nm ³ /hr)	: 85041
5	Concentration of Carbon monoxide (%)	: <0.2
6	Concentration of Carbon dioxide (%)	: 0.6
7	Concentration of Sulphur dioxide (mg/Nm ³)	: <3.4
8	Concentration of Nitrogen dioxide (mg/Nm ³)	: 32.3
9	Concentration of Particulate Matters (mg/Nm ³)	: 41
E : Pollution :		
Details of pollution control devices attached with the stack		: ESP
F : Remarks : Nil		

for Qualissure Laboratory Services
 Reviewed & Authorized By


 (Authorized Signatory)

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DOC NO : QLS//SAMP/08-B/00

TEST REPORT

Name & Address Of the Customer : M/s. Neo Metaliks Ltd. Vill + P.O. : Gopalpur P.S. : Kanksa, Durgapur Paschim Bardhaman West Bengal – 713 212	Report No. : QLS/A/20-21/C/219 Date : 15.10.2020 Sample No. : QLS/A/20-21/219 Sample Description : Stack Flue Gas Sample Mark : Sinter Plant (Head ESP) Ref No. Date : W119Y-00152, Dated: 03.03.2020
--	--

Analysis Result

Date & Time of Sampling : 28.09.2020 at 11.00 A.M.		Sampling Procedures : EPA/IS
Sampling done by : S.Ghosh		
A : General Information of Stack:		
1	Stack connected to	: Sinter Plant (Head ESP)
2	Emission due to	: Combustion BF Gas
3	Material of construction of Stack	: MS
4	Shape of Stack	: Circular
5	Whether stack is provided with permanent platform	: Yes
6	Generation Capacity	: ----
B : Physical Characteristic of Stack:		
1	Height of Stack from ground level	: 50.0 m
2	Diameter of Stack at bottom	: ---
3	Diameter of Stack at sampling point	: 2.2 m
4	Height of the sampling point from ground level	: 37.25 m
5	Area of Stack	: 3.8029 m ²
C : Analysis/Characteristic of Stack :		
1	Fuel used : BF Gas	2. Fuel consumption : 3500 Nm ³ /hr
D : Results of Sampling & Analysis of gaseous Emission :		
	Result	Method
1	Temperature of emission (°C)	: 137 EPA Part 2
2	Barometric pressure (mm of Hg)	: 752 EPA Part 2
3	Velocity of gas (m/sec)	: 9.88 EPA Part 2
4	Quantity of gas flow (Nm ³ /hr)	: 97240 EPA Part 2
5	Concentration of Carbon monoxide (%)	: <0.2 IS:13270-1992, Reaf : 2014
6	Concentration of Carbon dioxide (%)	: 6.6 IS:13270-1992, Reaf : 2014
7	Concentration of Sulphur dioxide (mg/Nm ³)	: 39.6 EPA Part-6
8	Concentration of Nitrogen dioxide (mg/Nm ³)	: 45.0 EPA Part-7
9	Concentration of Particulate Matters (mg/Nm ³)	: 66 EPA Part 5
E : Pollution :		
Details of pollution control devices attached with the stack		: ESP
F : Remarks : Nil		

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DOC NO : QLS//SAMP/08-B/00

TEST REPORT

Name & Address Of the Customer : M/s. Neo Metaliks Ltd. Vill + P.O. : Gopalpur P.S. : Kanksa, Durgapur Paschim Bardhaman West Bengal – 713 212	Report No. : QLS/A/20-21/C/217 Date : 15.10.2020 Sample No. : QLS/A/20-21/217 Sample Description : Stack Flue Gas Sample Mark : CPP Ref No. Date : W119Y-00152, Dated: 03.03.2020
--	--

Analysis Result

Date & Time of Sampling : 27.09.2020 at 04.00 P.M.		Sampling Procedures : EPA/IS	
Sampling done by : S.Ghosh			
A : General Information of Stack:			
1	Stack connected to	: CPP	
2	Emission due to	: Combustion FO & BF Gas	
3	Material of construction of Stack	: MS	
4	Shape of Stack	: Circular	
5	Whether stack is provided with permanent platform	: Yes	
6	Generation Capacity	: 4.5 MW	
B : Physical Characteristic of Stack:			
1	Height of Stack from ground level	: 50.0 m	
2	Diameter of Stack at bottom	: ---	
3	Diameter of Stack at sampling point	: 1.4 m	
4	Height of the sampling point from ground level	: 31.0 m	
5	Area of Stack	: 1.54m ²	
C : Analysis/Characteristic of Stack :			
1.	Fuel used : BF Gas & Furnace Oil	2. Fuel consumption : BF Gas- 24000 Nm ³ /hr	
D : Results of Sampling & Analysis of gaseous Emission :		Result	Method
1	Temperature of emission (°C)	: 135	EPA Part 2
2	Barometric pressure (mm of Hg)	: 752	EPA Part 2
3	Velocity of gas (m/sec)	: 11.16	EPA Part 2
4	Quantity of gas flow (Nm ³ /hr)	: 44700	EPA Part 2
5	Concentration of Carbon monoxide (%)	: <0.2	IS:13270-1992, Reaf : 2014
6	Concentration of Carbon dioxide (%)	: 8.4	IS:13270-1992, Reaf : 2014
7	Concentration of Sulphur dioxide (mg/Nm ³)	: 48.85	EPA Part-6
8	Concentration of Nitrogen dioxide (mg/Nm ³)	: 55.3	EPA Part-7
9	Concentration of Particulate Matters (mg/Nm ³)	: 22 at 12 % CO ₂	EPA Part 5
E : Pollution :			
Details of pollution control devices attached with the stack		: NIL	
F : Remarks : Nil			

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Reviewed & Authorized By

(Authorized Signatory)

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L

361, Prantick Pally, 45/361, Bose Pukur Road, Kolkata -700107
 Email : qualissure@gmail.com; info@qualissure.com ; Mob.No. 98312 87086 ; 9830093976

DOC NO : QLS/SAMP/08-B/00

TEST REPORT

Name & Address Of the Customer :	Report No. : QLS/A/20-21/C/216
M/s. Neo Metaliks Ltd.	Date : 15.10.2020
Vill + P.O. : Gopalpur	Sample No. : QLS/A/20-21/216
P.S. : Kanksa, Durgapur	Sample Description : Stack Flue Gas
Paschim Bardhaman	Sample Mark : MBF Plant (Blast Furnace)
West Bengal – 713 212	Ref No. Date : W119Y-00152, Dated: 03.03.2020

Analysis Result

Date & Time of Sampling : 27.09.2020 at 12.30 P.M.		Sampling Procedures : EPA/IS
Sampling done by : S.Ghosh		
A : General Information of Stack:		
1	Stack connected to	: MBF Plant (Blast Furnace)
2	Emission due to	: Combustion BF Gas & Coke
3	Material of construction of Stack	: MS
4	Shape of Stack	: Circular
5	Whether stack is provided with permanent platform	: Yes
6	Generation Capacity	: ----
B : Physical Characteristic of Stack:		
1	Height of Stack from ground level	: 50.0 m
2	Diameter of Stack at bottom	: ----
3	Diameter of Stack at sampling point	: 2.29 m
4	Height of the sampling point from ground level	: 26.82 m
5	Area of Stack	: 4.1204 m ²
C : Analysis/Characteristic of Stack :		
1	Fuel used : BF Gas & Coke	2. Fuel consumption : 36000 Nm ³ /hr.
D : Results of Sampling & Analysis of gaseous Emission :		
	Result	Method
1	Temperature of emission (°C)	: 158 EPA Part 2
2	Barometric pressure (mm of Hg)	: 752 EPA Part 2
3	Velocity of gas (m/sec)	: 8.15 EPA Part 2
4	Quantity of gas flow (Nm ³ /hr)	: 82765 EPA Part 2
5	Concentration of Carbon monoxide (%)	: <0.2 IS:13270-1992, Reaf : 2014
6	Concentration of Carbon dioxide (%)	: 8.4 IS:13270-1992, Reaf : 2014
7	Concentration of Sulphur dioxide (mg/Nm ³)	: 52.8 EPA Part-6
8	Concentration of Nitrogen dioxide (mg/Nm ³)	: 44.0 EPA Part-7
9	Concentration of Particulate Matters (mg/Nm ³)	: 19 EPA Part 5
E : Pollution :		
Details of pollution control devices attached with the stack		: Cyclone Separator, Saturator & Ventury crubber
F : Remarks : Nil		

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 Reviewed & Authorized By



(Authorized Signatory)

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ANNEXURE II

FROM : NEO SITE

FAX NO. : 03432520948

Oct. 24 2005 06:10PM P1

KJA: MR D. GHOSH, HO, KOL.

ASANSOL DURGAPUR DEVELOPMENT AUTHORITY



(A Statutory body of the Government of West Bengal)

City Centre, Durgapur-713 216, West Bengal

Phone PDX DGP : (0343) 254 0015/ 254 0710
Durgapur Office : 254-6889
Fax DGP : (0343) 254-6665
e-mail : dgp_addadgp@sanchamail.in

Asansol Office :
G. T. Road (East) Asansol
Ph : (0341) 220-3004/ 220-2242
Fax No. : (0341) 220-5374

Ref. No. ADDA/DGP/... ED/CN-79/04-05/1428
From Chief Executive Officer,
Asansol Durgapur Dev. Authority
City Centre, Durgapur-16.

Date 13.7.05

To Neo Metaliks Ltd.
Park Plaza
714, Park street, 3E (North Block)
Kolkata-700016.

Sub:- Water line for your Mega Project at Gopalpur, Durgapur-12

Sir,

Please refer to your letter Ref. Nil. Dated 06.06.2004 on the above referred subject and be informed that we have planned to meet your requirement of 2090.10m³/day from HFCL water treatment plant.

We will be drawing a pipeline of 355 mm O.D.HDPE pipe of 5.87 km long to meet your requirement. A pump house including pumps and motor set and other ancillary work is to be constructed and installed as required.


The total rough cost estimate has been worked out to be Rs.159.00 lakhs.

As we are creating a total infrastructure of water supply to Bamunara – Banskopa Industrial complex some infrastructure development cost is expected to be shared by our company over and above the standard fees and security money charged by the Authority.

In view of the above you are requested to deposit Rs.36.78 lakhs which is approximately 33.00% of the pipe line material cost at 20% discount only at the earliest to enable us to take further steps for implementation of the scheme.

Thanking you.

Yours faithfully,


Chief Executive Officer,
Asansol Durgapur Dev. Authority. 13/7/2005

Ref. No. ADDA/DGP/

Dated

Copy forwarded to:-

- 1) The Secretary, Bamunara Industries Association R.T.F. Ltd.
Lanin Sarani, Durgapur.

Chief Executive Officer,
Asansol Durgapur Dev. Authority.

ANNEXURE III



BALKRISHNA TRADING COMPANY

E-mail : balkrishnatradingco@gmail.com

Mobile : +91 9434033392, 9832044443

Deals in :

GRANULATED SLAG, PHOSPHO-GYPSUM
CLINKER & GENERAL ORDER SUPPLIERS

P.V. COMPLEX, CHITTARANJAN ROAD, NEAMATPUR
P. O. SITARAMPUR, DIST. PASCHIM BARDHAMAN (W.B.)

Date: 01/04/2018

To

M/s. Neo Metaliks Ltd
Park Plaza, 71, Park Street
Kolkata-700016

Kind Attn: Mr. AK Mukherjee,

Respected Sir,

Memorandum of Understanding For Purchase of Blast Furnace Slag

We, Balkrishna Trading Company located at P.V. Complex, Chittranjan Road, Neamatpur, P.O, Sitarmipur, Dist- Paschim Burdwan (West Bengal) are dealers of all types of clay, refractory items and blast furnace slag.

We are getting orders from various Cement manufacturing companies for supply of blast furnace slag on recurring basis. In order to fulfil such demand from cement manufacturing companies, we are interested in procuring the blast furnace slag from Neo Metaliks limited.

We also indemnify and undertakes that the entire blast furnace slag so procured from Neo Metaliks limited would only be supplied to cement manufactures and not to anyone else under any circumstances.

We also undertake to provide Neo Metaliks Limited a summarized statement of the following at the year end

- List of Cement Manufacturing units to which we will be supplying blast furnace slag at the beginning of the year along with their estimated demand from us. (annexure I)
- Reconciling the blast furnace slag so procured from Neo Metaliks Ltd Vis-a-Vis blast furnace slag sold to such cement manufacturers in the financial year at the year end.
- Any other information which will be asked by the Neo Metaliks in respect of blast furnace slag.

Thanking You,

Yours faithfully,

For Balkrishna Trading Company

Mahendra Kumar Agarwalla
Proprietor

Proprietor

(Mahendra Kumar Agarwalla)

BALKRISHNA TRADING COMPANY

E-mail : balkrishnatradingco@gmail.com

Mobile : +91 9434033392, 9832044443

Deals in :

GRANULATED SLAG, PHOSPHO-GYPSUM
CLINKER & GENERAL ORDER SUPPLIERS

P.V. COMPLEX, CHITTARANJAN ROAD, NEAMATPUR
P. O. SITARAMPUR, DIST. PASCHIM BARDHAMAN (W.B.)

Annexure- I

Date: 06/08/2018

List of Cement Manufacturing Units for which we have supplied G. Slag – purchased from Neo Metalik Ltd. For the period from 01/04/2015 to 31/03/2016

1) BCL	: 13959.660 MT
2) Mangalpur Cement (P) Ltd.	: 1501.890 MT
3) Sormistha Cement (P) Ltd.	: 2216.140 MT
4) Manpasand Cement (P) Ltd.	: 1526.070 MT
5) Shristi Cement Limited	: 1931.600 MT

Total **21135.360 MT**

List of Cement Manufacturing Units for which we have supplied G. Slag – purchased from Neo Metalik Ltd. For the period from 01/04/2016 to 31/03/2017

1) BCL	: 11400.090 MT
2) Burdwan Super Cements (P) Ltd.	: 5450.600 MT
3) Mangalpur Cements (P) Ltd.	: 392.910 MT
4) Bhawani Cements (P) Ltd.	: 1055.260 MT
5) Mittal Concrete (P) Ltd.	: 263.390 MT
6) Fortune Cements (P) Ltd.	: 268.840 MT
7) G.D. Infra	: 388.040 MT

Total **19219.130 MT**

List of Cement Manufacturing Units for which we have supplied G. Slag – purchased from Neo Metalik Ltd. For the period from 01/04/2017 to 31/03/2018.

1) BCL	: 4121.300 MT
2) Jagdamba Cements (P) Ltd.	: 495.490 MT
3) Crescent Manufacturing Cement (P) Ltd.	: 1511.070 MT
4) Burdwan Super Cement (P) Ltd.	: 998.260 MT
5) Global leather Industries	: 167.960 MT
6) Sormistha Cement (P) Ltd.	: 895.520 MT

Total **8189.660 MT**

Yours faithfully,

For Balkrishna Trading Company

Mahendra Kumar Agarwalla

Proprietor

(Mahendra Kumar Agarwalla)

Proprietor

SIDDH ENTERPRISE

Rajasthan Road, Burnpur – 713325, Dt. Burdwan, West Bengal.
GST NO. 19ADCPA2984Q1Z2

Date: 01.04.18

To
M/s. Neo Metaliks Ltd
Park Plaza, 71, Park Street
Kolkata-700016

Kind Attn: Mr. AK Mukherjee,

Respected Sir,

**Memorandum of Understanding
For Purchase of
Blast Furnace Slag**

We, Siddh Enterprise located at Rajasthan Road, Narsingh Bandh, P.O. Burnpur – 713325, Dt. Paschim Bardhaman, West Bengal are dealers of all types of clay, refractory items and blast furnace slag.

We are getting orders from various Cement manufacturing companies for supply of blast furnace slag on recurring basis. In order to fulfil such demand from cement manufacturing companies, we are interested in procuring the blast furnace slag from Neo Metaliks limited.

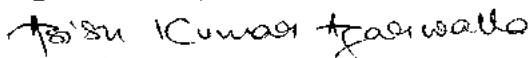
We also indemnify and undertakes that the entire blast furnace slag so procured from Neo Metaliks limited would only be supplied to cement manufactures and not to anyone else under any circumstances.

We also undertake to provide Neo Metaliks Limited a summarized statement of the following at the year end

- List of Cement Manufacturing units to which we will be supplying blast furnace slag at the beginning of the year along with their estimated demand from us.
- Reconciling the blast furnace slag so procured from Neo Metaliks Ltd Vis-a-Vis blast furnace slag sold to such cement manufacturer in the financial year at the yearend.
- Any other information which will be asked by the Neo Metaliks in respect of blast furnace slag.

Thanking You,

Yours faithfully,
for SIDDH ENTERPRISE


Proprietor

SIDDH ENTERPRISE

Rajasthan Road, Burnpur - 713325, Dt. Burdwan, West Bengal.
GST NO. 19ADCPA2984Q1Z2

Date: 1.4.2018

To
Neo Metaliks Limited
Park Plaza,
Kolkata.

**Sub.: Name of Cement Manufacturing Units and details of Blast Furnase
Slag sold.**

Dear Sir,

With reference to the above subject I do hereby state that I have purchased a total of 5473.500 M.T. of Granulated Slag from you since 2015-16 and sold the same to cement manufacturers. The details are as below:

Year	Quantity	Sold to party
2015-16	1416.17 M.T.	Shristi Cement Limited
2016-17	2558.44 M.T.	Mittal Concrete Pvt Ltd.
2017-18	1498.89 M.T.	City Cement Pvt Ltd..

This is for your kind information and necessary action.


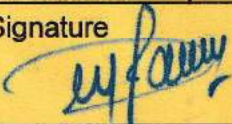
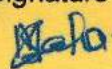
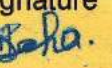
Thanking you,
Your Sincerely,

for SIDDH ENTERPRISE

Prasen Kumar Gargwallo
Proprietor

ANNEXURE IV

MANIFEST FOR HAZARDOUS AND OTHER WASTE

1.	Sender's name and mailing address (including Phone No. and e-mail)	NEO METALIKS LIMITED Vill-Gopalpur, P.O.-Gopalpur, Durgapur, Burdwan-713212			
2.	Sender's authorisation No.	38/25(HW)-2497/2009			
3.	Manifest Document No.				
4.	Transporter's name and address : (including Phone No. e-mail)	BA-MA OIL INDUSTRIES Panchayat Road, vil. Khariel, P.O.-Dankuni C.C. Dist. Hooghly.			
5.	Type of vehicle	(Truck/Tanker/Special Vehicle)			
6.	Transporter's registration No.				
7.	Vehicle registration No.	WB-41C 7179			
8.	Receiver's name and mailing address (including Phone No. and e-mail)	BA-MA OIL INDUSTRIES PANCHAYAT ROAD, VILL-KHARIAL P.O. DANKUNI CC. DIST.-HOOGHLY -712310 2674-1678, 2659-2183, bmoind@yahoo.co.in			
9.	Receiver's authorisation No.	36/25(HW)-155/98-99			
10.	Waste description	Used Oil.			
11.	Total quantity No. of Containers	620 kgs. m ³ or MT 2 M.S. 71 P.V. Dr. Nos.			
12.	Physical form	(Solid/ Semi Solid/ Sludge/Oily/Tarry//Slurry/Liquid)			
13.	Special handling instructions and additional information	Handling 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 according to applicable national government regulations.			
15.	Name and stamp 	Signature 	Month	Day	Year
	Transporter acknowledgement of receipt of wastes		09	10	2020
16.	Name and stamp BA-MA OIL INDUSTRIES Panchayat Road Vill: Khariel, P.O. Dankuni Dist. Hooghly	Signature 	Month	Day	Year
	Receiver's certification for receipt of hazardous and other waste		09	10	2020
16.	Name and stamp BA-MA OIL INDUSTRIES Panchayat Road Vill: Khariel, P.O. Dankuni Dist. Hooghly	Signature 	Month	Day	Year
	Receiver's certification for receipt of hazardous and other waste		09	10	2020

Retained by sender,



Pass Book for Procurement of Hazardous and Other Wastes

Name and Address
of the industry

M/s. Ba-Ma Oil Industries
Pancharayat Road Vill. Khanial
P.O. Dankuni G.C. Dist. Hooghly
West Bengal Pin - 712310.

Telephone No.

(033) 2659-2183/7044133533

Fax No.

2674-1678

E-mail Address

bmainid@yahoo.co.in

Passbook No.

01 (New)

Date of Issue

18/12/2018

Validity of Authorization

No. 26/25(HW)-155/98-99

issued under Hazardous

Dt 01-02-2016

& Other Waste (M&TBM)

Valid upto 31.01.2021

Rules, 2016


Type & Quantity of Hazardous & Other Waste(s) permitted for procurement
and recycling :

Sl. No.	Hazardous & Other Wastes	Quantity (Tons Per Annum)
01.	Used Oil	360 KLA (Three hundred Sixty only)
02.	Waste oil	3000 KLA (Three Thousand only)

Authorised Signatory & Seal

Endorsement by the Auctioneer/Seller/Competent authority/person
[Condition No. 3 of the Passbook]

Passbook No. : 01(New) Date of issue 18/12/2018

Sl. No.	Date	Name & Address of the Auctioneer/ Seller	Type & Quantity of Hazardous & Other Wastes sold/ Auctioned	Signature & Seal of the Auctioneer/ Seller Competent authority/ person with date	Date of arrival in the Recycler's (actual user) premises & Challan No.	Quantity Procured in current financial year	Balance Quantity that can be procured in current financial year
(1)	(2)	(3)	(4)	(5)	(6)*	(7)*	(8)*
13	10/09/2018	Neo Metals Limited, Durgam	Used Oil 62015				

* To be filled by the Recycler

ANNEXURE V

DOC NO : QLS/SAMP/08-C/00

TEST REPORT

Name & Address Of the Customer : M/s. Neo Metaliks Ltd. Vill + P.O. : Gopalpur P.S. : Kanksa,Durgapur Paschim Bardhaman West Bengal – 713 212	Report No. : QLS/A/20-21/C/210(A-D) Date : 15.10.2020 Sample No. : QLS/A/20-21/210(A-D) Sample Description : Noise Monitoring Ref No. Date : W119Y-00152, Dated: 03.03.2020
---	--

Analysis Result of Noise

Sampling Done By : S.Ghosh / J.Sahana						
Sampling Guideline : As per IS: 9876: 1981 (RA-2001)						
Sample No	Date of Monitoring	Location	Leq dB (A) Day Time	Limit in Leq dB(A) Day time	Leq dB (A) Night Time	Limit in Leq dB(A) Night Time
210A	27.09.2020	Near PCM Boundary Wall	62.1	65	54.3	55
210B		Near North East Boundary Wall	60.7	65	53.9	55
210C	28.09.2020	Near Admin Building	62.8	65	51.3	55
210D		Near Main Gate	64.7	65	53.8	55

for Qualissure Laboratory Services
Reviewed & Authorized By



(Authorized Signatory)

- The results relate only to the item(s) tested.
- This Test Report shall not be reproduced without the permission of Qualissure Laboratory Services.
- The reserved part of sample(s), except perishable sample(s), shall be retained for 30 days from the date of issue of the Test Report.



DOC NO : QLS/SAMP/08-C/00

TEST REPORT

Name & Address Of the Customer : M/s. Neo Metaliks Ltd. Vill + P.O. : Gopalpur P.S. : Kanksa,Durgapur Paschim Bardhaman West Bengal – 713 212	Report No. : QLS/A/20-21/C/94 Date : 11.08.2020 Sample No. : QLS/A/20-21/94 –97 Sample Description : Noise Monitoring Ref No. Date : W120603-001, Dated: 04.06.2020
---	--

Analysis Result of Noise

Sampling Done By : S.Ghosh & B.Gorai						
Sampling Guideline : As per IS: 9876: 1981 (RA-2001)						
Sample No	Date of Monitoring	Location	Leq dB (A) Day Time	Limit in Leq dB(A) Day time	Leq dB (A) Night Time	Limit in Leq dB(A) Night Time
94	26.07.2020	Near PCM Boundary Wall	58.6	65	52.3	55
95		Admin Building	62.3	65	50.7	55
96	27.07.2020	Near CPP Area	63.7	65	53.4	55
97		Near Main Gate	64.1	65	52.1	55

for Qualissure Laboratory Services
Reviewed & Authorized By

(Authorized Signatory)

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- This Test Report shall not be reproduced without the permission of Qualissure Laboratory Services.
- The reserved part of sample(s), except perishable sample(s), shall be retained for 30 days from the date of issue of the Test Report.

L

361, Prantick Pally, 45/361, Bose Pukur Road, Kolkata -700107
 Email : qualissure@gmail.com; info@qualissure.com ; Mob.No. 98312 87086 ; 9830093976

DOC NO : QLS/SAMP/08-C/00

TEST REPORT

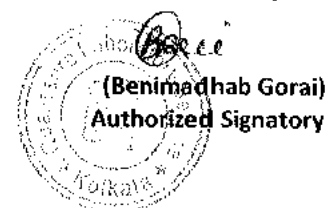
Name & Address Of the Customer :	Report No. : QLS/A/19-20/C/22
M/s. Neo Metaliks Ltd.	Date : 11.06.2020
Vill + P.O. : Gopalpur	Sample No. : QLS/A/19-20/22(A-D)
P.S. : Kanksa,Durgapur	Sample Description : Noise Monitoring
Paschim Bardhaman	Ref No. Date : W119Y-00152, Dated: 03.03.2020
West Bengal – 713 212	

Analysis Result of Noise

Sampling Done By : S.Ghosh						
Sampling Guideline : As per IS: 9876: 1981 (RA-2001)						
Sample No	Date of Monitoring	Location	Leq dB (A) Day Time	Limit in Leq dB(A) Day time	Leq dB (A) Night Time	Limit in Leq dB(A) Night Time
38A	28.05.2020	Near PCM Boundary Wall	57.9	65	49.0	55
38B		Admin Building	63.5	65	53.8	55
38C	29.05.2020	Near CPP Area	64.0	65	51.5	55
38D		Near Main Gate	64.3	65	53.7	55

Report Reviewed By : R. Roy

for Qualissure Laboratory Services



- The results relate only to the item(s) tested.
- This Test Report shall not be reproduced without the permission of Qualissure Laboratory Services.
- The reserved part of sample(s), except perishable sample(s), shall be retained for 30 days from the date of issue of the Test Report.

ANNEXURE VI

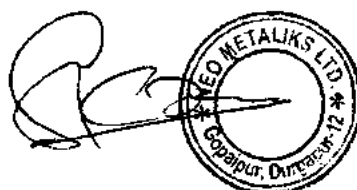


neo metaliks ltd.

Park Plaza, 71, Park Street, 6F (North Block), Kolkata - 700 016
 Tel : +91 33 4050 4050, Fax : +91 33 2217 7317, E-mail : info@neometaliks.com
 Website : www.neometaliks.com CIN : U27109WB2003PLC097231

ANNEXURE- VI

DETAILS OF CAPITAL EXP. FOR ENVIRONMENTAL PROTECTION EQUIPMENTS		
SL. No.	Name of the Equipments	Amount (Rs. In Crores)
	MBF	
01	GAS CLEANING PLANT	3.80
02	VENTURY	
03	SATURATOR	
04	FUME EXTRACTION SYSTEMS	0.70
05	ALL MBF STACK (II , IV & V)	0.55
06	ONLINE STACK MONITERING SYSTEM	0.03
	CPP	
01	CPP STACK (III)	0.28
	SINTER	
01	ESP	7.25
02	BAG FILTER	0.40
03	ALL STACK (I)	0.35
04	ONLINE STACK MONITERING SYSTEM	0.03
	TOTAL	13.39



ANNEXURE A

ANNEXURE A:		
Status of Charter on Corporate Responsibility for Environment Protection (CREP)		
Sl	Action Points For Integrated Iron & Steel Industry.	Status at NML/ Action Plan.
1	Coke oven plant	
	a. To meet the parameters PLD (% leaking doors). PLL (% leaking lids).	Not applicable because we do not have the Coke Oven Plant.
	b. To rebuild at least 40% of the coke oven batteries in next 10 years (December 2012)	Not applicable because we do not have the Coke Oven Plant.
2	Steel Melting shop	Not applicable because we do not have the Steel Melting Shop
	Fugitive emission to reduce 30% within March 2004 and 100% in March 2008 (Including installation of secondary De-dusting facilities).	Not applicable because we do not have the Steel Melting Shop.
3	Blast furnace	
	Direct injection of reducing agent by June 2013 (C.D.I)	We have installed the Pulverized Coal Injection system and we applied for CTO to WBPCB. Permission granted from MoEF&CC on 07.02.2019. Annexure VII CTE obtained from WBPCB on 22.11.2019. Annexure VIII
4	Solid waste / Hazardous waste	
	Utilization of steel Melting shop (SMS)/ Blast Furnace(BF) slag by: By 2004-70% By 2006-80% By 2008-100%	100% BF Slag is Sold for Cement making. 100% Dust Collected from Air Pollution Control Devices and Sludge from Gas Cleaning Plant is reused in the Sinter Plant.
5	Hazardous Waste Management	
	Charge of tar sludge & ETP sludge to Coke ovens by June' 03.	As we don't have Coke Oven plant, we are not generating any tar sludge or ETP sludge.
	Inventorization of hazardous waste as per the Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016. (Tar sludge, acid sludge, and waste Lubricating oil and type flue falls in the category of hazardous waste.	Tar Sludge and Acid Sludge are not generated in BF. Waste lubricating Oil is Sold to authorized re-processor. West Bengal Pollution Control Board has issued us the authorization for hazardous waste management in Form- 2 vide memo no.- 38/2S (HW)- 2497/2009 dated on 02.03.2020 and valid up to 31 st March 2024. Annexure IX
6	Water Conservation /Water Pollution	
	a. To reduce specific water consumption of 5 m ³ /t for long products by December 2005.	We are not making any long products / No Rolling Mill Exists in the Plant.

	b	To operate the CO & BPP effluent treatment plant efficiently to achieve the notified effluent discharge standards - by July 2005.	No Coke Oven and By-Products plant existing in the Plant.
7		Installation of continuous stack monitoring system & its calibration in major stacks and setting up of the online ambient air quality monitoring stations by June 2005.	Installed in Major Stacks as per list attached and results are directly transmitted to CPCB.
8		To operate the existing pollution control equipment efficiently and to keep proper record run hours, failure time and efficiency with immediate effect. Compliance report in this regard is submitted to CPCB/SPCB every three month.	Pollution Control Equipment are operated efficiently and record maintained. Compliance report in this regard is submitted to WBPCB as Stipulated in CTO.
9		To implement the recommendations of Life Cycle Assessment (LCA) study sponsored by MOEF by December 2003.	Not Applicable as because no such recommendation was asked for in the Environmental Clearance letter.
10		The industry will initiate the steps to	
	a	Energy recovery to top blast furnace gas	Blast furnace gas after cleaning in GCP is being utilized as a fuel in C.P.P, MBF Stove, Sinter Plant, and Ladle pre-heating. Being a mini BF with not much of top pressure, energy recovery from top gas pressure is not provided.
	b	Use of tar free runner linings.	We are using Tar Free runner linings.
	c	Cast house de-dusting (tap holes, runners, skimmer, ladle and charging points).	We have installed fume extraction System in Cast House.
	d	Suppression of fugitive emissions using nitrogen gas or any other inert gas.	There is no fugitive emission of Hydro Carbon or Volatile Organic Compounds from the BF and Sinter Plant that requires suppression by using nitrogen gas or any other inert gas.
	e	To study the possibility of slag 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.	We are Selling 100% Slag for cement making. We are not generating any Fly Ash.

	f	Processing of the waste containing flux & ferrous wastes through waste recycle plant.	We are reusing entire dust in sinter plant.
	g	To implement rain water harvesting.	We have augmented the existing Sumps where runoff within the plant is collected. This water is utilized in the plant for cooling and dust suppression during lean season. We have made the roof top rain water harvesting reservoirs to collect the rain water and it is being used for our auxiliary consumption.
	h	Reduction of greenhouse gases by:	
	1	Reduction in power consumption	We are using the waste heat of flue gas to recuperator/ hot gas generator and economizer. We are using LED lighting arrangements. We are avoiding wastage of energy and power by requisite preventive maintenance schedule for rotating equipment. We are reducing unbalance of rotating equipment and wastage of power by checking alignment by static & dynamic balancing. With all such efforts, we achieved Large Scale Category of Energy Conservation Award (ENCON) 2020, CII Eastern Region. Annexure B
	2	Use of byproducts gases for power generation	The BF gas generated from blast furnace is being utilized in the power generation in CPP which generates 4.5 MW power.
	3	Promotion of energy optimization technology, including energy audit.	Complied. Annexure C
	4	As regard to the conservation of energy and fuel, using of heat exchanger to recover the waste heat energy of flue gases.	From April'18, we have successfully commissioned the recuperator for the utilization of the waste gas from stove heating of blast furnace which is used as hot gas generator.
	i	To progressively set targets for resource conservation such as raw material, energy and water consumption to match international standards.	We are converting the collected dust to Sinter and using the Sinter in BF. This is reducing the use of Iron Ore in BF and helping in resource Conservation. Successfully operational of recuperator and recovering of flue gas waste heat to utilize in process is conserving the resources and energy. Our Water Consumption is 1849 m3 per day to make about 537 ton of material. This yield approx. 3.44 m3 specific water consumption per ton of finished metal

			<p>produced as against 5 m³/t for long products and 7 m³/t for flat products.</p> <p>The plant is based on water recirculation system, entire water is recycled and reused and for that the raw water consumption is 3.44 m³/t. We are making efforts to further reduce the specific water consumption.</p>
	j	<p>Up gradation in the monitoring analysis facilities for air and water pollution. Also to impart laboratory training to the manpower so that realistic data is obtained in the environmental monitoring laboratories.</p>	<p>We are conducting environment monitoring analysis in respect of air and water bi-monthly basis through NABL accredited laboratory. Our Lab Staff is trained for analyzing the basic parameters in water and waste water. Online Monitoring facility has been provided in all major stacks. The Staff has been trained to analyze the trends along with NABL accredited lab.</p>
	k	<p>To improve housekeeping.</p>	<p>(a) To improve the house keeping within the plant premises, we are in practice of 5S implementation.</p> <p>(b) On regular basis cleaning of the spillage especially in RMHS and Ground hopper area is carried out.</p> <p>(c) The cleaned materials/dust particles are collected and sent for re-use in the Sinter plant. This is being monitored regularly and the concerned department has been made responsible to maintain it.</p>

ANNEXURE VII

F.No. J-11013/44/2018-IA-1(M)
Government of India
Ministry of Environment, Forest and Climate Change
(I.A Division)

Indira Parayavaran Bhavan
Jor Bagh Road, Aliganj
New Delhi-110003

E-mail: sudheer.ch@gov.in

Date: 07.02.2019

To

M/s Neo Metaliks Ltd
71, Park Street, 6F, Park Plaza
North Block, Kolkata-700016
West Bengal.


Subject: M/s Neo Metaliks Ltd. for Expansion of Pig iron plant (1,88,000 MTPA) to Steel Plant (Sinter 3,00,000 MTPA; Billets 6,17,000 MTPA; Bar and Rods 3,69,000 MTPA) at Village Gopalpur, Durgapur, District Burdwan, West Bengal

This is with reference to your letter dated 8th January, 2019 wherein you are seeking permission to install the Pulverised Coal Injection (PCI) in Blast Furnace (BF).

2. In this regard, it is submitted that as per amendment in EIA notification, 2006 vide S.O 3518 (E), that

"Any change in the configuration of the plant from the environmental clearance conditions during execution of the project after detailed engineering shall be exempt from the requirement of environmental clearance, if there is no change in production and pollution load. The project proponent shall inform the Ministry of Environment, Forests and Climate change/ State Level Environment Impact Assessment Authority and the concerned State Pollution Control Board."

3. Considering the above, no fresh permission would be required for M/s Neo Metaliks Ltd. for installing retrofit Pulverised Coal Injection (PCI). However, progress of such activity needs to be reported in the six monthly compliance report submitted to the regulatory agencies concerned.


(Dr. Sudheer Chintalapati)
Scientist D

ANNEXURE VIII

WEST BENGAL POLLUTION CONTROL BOARD

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

Memo No. 1125-2N-566/2003-PART-IDated 22.11.2019

From:
Member Secretary,
West Bengal Pollution Control Board

To: M/s. Neo Metaliks Limited,
Park Plaza,
71, Park Street, 6F, North Block, Kolkata - 700 016.

Sub: Consent to Establish (NOC) from Environmental Point of View
Ref: Your letter No. nil received 22.10.2019

WEST BENGAL

Dear Sirs,

In response to the application for Consent to Establish (NOC) for proposed Unit of M/s Neo Metaliks Limited

for expansion of 100 TPD Retrofit pulverized Coal Injection System in its existing 215 Blast Furnace without any increase in existing production capacity at existing unit located at J.L. No. 65, Mouza-Gopalpur, P.O.+P.S.-*

this is to inform you that this Board hereby grants the Consent to Establish (NOC) from the environmental point of the above subject to the following conditions and special conditions annexed.

* Kanksa, Dist.- Paschim Bardhaman, N.B., PIN-713212.

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

7. You shall comply with
- Water (Prevention and Control of Pollution) Cess Act, 1977, if applicable.
 - Water (Prevention and Control of Pollution) Cess Act, 1978, if applicable.
 - Environment (Protection) Act, 1986
 - Environment (Protection) Rules, 1986
 - Hazardous Wastes (Management and Handling) Rules, 1989 and Amended Rules, 2000
 - Manufacture, Storage and Import of Hazardous Chemicals Rules, 1989 and Amended Rules, 2000
 - Manufacture, Use, Import and Storage and Hazardous Micro-Organisms, Genetically Engineered Organisms or Cell Rules, 1989
 - The Public Liability Insurance Act, 1991 and Amended Act, 1992
 - The Public Liability Insurance Rules, 1991 and Amended Rules 1993
 - Biomedical Wastes (Management & Handling) Rules, 1998 and Amended Rules 2000 if applicable.
 - Recycled Plastics Manufacture and Usage Rules 1999, if applicable and
 - Ozone Depleting Substances (Regulation & Control) Rules, 2000, if applicable
8. You will have to abide by any other stipulations as may be prescribed by any authority/local bodies/Government Departments etc.

SPECIAL CONDITION :

see Annexure.

Gross Capital Investment for installation of 100TPD Pulverized Coal Injection System in existing 215m³ Blast Furnace is Rs.9.75 Crores Only.

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

Yours faithfully,

Member Secretary, /SR. ENV. ENGR.

West Bengal Pollution Control Board

(EIM CELL)

Dated: 22/11/2019
Environmental Engineer
W. B. Pollution Control Board

Dept. of Environment, GoWB

1125 - 2N-566/2003-PART-I dt. 22.11.2019
Memo No.
Copy forwarded for information to :

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

Himalaya Bhawan
Delhi Road, Dankuni
Dist. Hooghly

Vill, Panpur
Kalyani Expressway
P.O. Narayanpur
Dist. 24 Pgs. (N)

Sahid Khudiram Sarani
City Centre, Durgapur-16
Dist. Burdwan

10, Camac Street
2nd Floor
Kolkata-700 017

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

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

Paribahan Nagar
Matigara, Siliguri
Dist.-Darjeeling

Saiya Chowdhury
Indoor Stadium
Balurchar Bandh Road

Asansol Sub-Regional Office
ADDA Commercial Market (2nd Floor)
Opposite Asansol Fire Station

22/11/2019
Member Secretary, /SR. E. E.

Annexure to NOC Sl. No. - NO159423

Special Conditions issued to M/s. Neo Metaliks Limited, located in J.L. no. 65, Mouza-Gopalpur, P.O.+P.S.- Kanksa, Dist.- Paschim Bardhaman, W.B., PIN- 713212

A) **Emission:-**

Coal Pulveriser: One no.100 TPD- to be connected to stack of 42 m. (approx. from G.L.) provided with Bag Filter, as proposed.
Stack to have sampling port and permanent platform & ladder as per Emission Regulation (Part -III) of CPCB.

B) **Effluent: -**

- 1) Process- to be used for in-house dust suppression.
- 2) Domestic- to be discharged through septic tank to soakpit within the unit premises.

C) **Solid Waste :-**

- 1) Hazardous- to be disposed through authorized reprocessors/recyclers as per provisions of the Hazardous and Waste (Management & Transboundary Movement) Rules, 2016 and subsequent amendments.
- 2) Non-hazardous- to be disposed through proper system in environment-friendly manner.

D) **General :-**

- 1) Noise Control – Ambient noise level not to exceed the permissible limit.
- 2) No additional machinery / equipment can be installed without permission from this board.
- 3) The unit should not start operation without obtaining 'Consent-to-Operate' from this Board.
- 4) The unit should conform with the Environmental Standards for discharge of effluent and emission after adequate treatment.
- 5) The unit should obtain authorization for waste and used oil under Hazardous and Waste (Management & Transboundary Movement) Rules, 2016 and subsequent amendments.
- 6) Good house-keeping to be maintained.
- 7) At least 33% of the project area should be under green belt.
- 8) Rain water harvesting must be done however recharging of harvested rain water is not allowed under any circumstances.
- 9) The unit should obtain permission from the District level authority for ground water abstraction as per The West Bengal Ground Water Resources (Management, Control and Regulation) Act, 2005; before applying for 'Consent to Operate' to this Board.
- 10) Conditions laid down in the Environmental Clearance obtained issued by MoEF&CC vide memo no. J/11011/779/2007-IA-II(I) dated 04.11.2008 and vide memo no. J/11013/44/2018-IA-1(M) dated 07.02.2019 for the proposed expansion project must be strictly followed.
- 11) This NOC is valid for installation of Retrofit Pulverized Coal Injection system in its existing 215m³ Blast Furnace without any increase in existing production capacity.
- 12) This NOC is valid up to 31.10.2026 for proposed expansion without any increase in production capacity.

Mink
21/11/2019
Sr. Environmental Engineer (EIM Cell)
West Bengal Pollution Control Board

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

ANNEXURE B



Confederation of Indian Industry
125 Years - Since 1895



Recognition of Excellence in Energy Conservation
Through CII Virtual Platform

CERTIFICATE

Congratulation to

Neo Metaliks Limited

for successfully achieving



in the **Large Scale Category of Energy Conservation Award (ENCON) 2020**, CII Eastern Region

Abhijit Roy
.....
Abhijit Roy

Chairman, CII Eastern Region

ANNEXURE C

1. EXECUTIVE SUMMARY

1.1 Energy Conservation Measures (ECM)

The assignment covers study of the major energy consuming equipment and systems of the plant, like boiler, turbine, condenser, cooling towers, mini blast furnace, blowers, fans, pumps, sintering sections, compressors and lighting system.

Based on the detailed study of all major energy intensive areas, following Energy Conservation Measurements (ECMs) are suggested:

	Electricity kWh/yr.	Monetary In Lakh INR/yr.	Lakh INR	Years	
Proposal I					
Electrical Energy Saving through Overhauling of Sinter ID Fan	350586	19.5	10	0.51	1
Proposal II					
Electrical Energy Saving through Replacing the Existing ID Fan with an Energy Efficient ID Fan	2017304	112	18	0.16	1
Replace existing Major Pumps in CPP, Sinter and MBF section by Energy Efficient Pumps	616075	34.19	19	0.56	2
Replace existing Cooling Towers at MBF and Sinter Section by Fanless and Finless Cooling Tower and Save Energy and Water	443732	14.6	40	2.73	3
Replace Existing Sinter Cooling Fans by Energy Efficient Fans and Save Energy	332243	18.44	24	1.3	4



218654	12.14	23.5	1.94	5
Install Energy Efficient Boiler Feed Pump (BFP) with VFD Drive				
86147	4.78	8	1.67	6
Efficiency Improvement of Force Draft (FD) Fan at CPP Section by Installing Energy Efficient Fan & Motor and operate at best efficiency point by existing VFD				
134767	7.48	9.5	1.27	7
Main Cooling Water (MCW) Pump Efficiency Improvement through overhauling and operate at best efficiency point by Installing VFD and Save Electrical Energy				
83953	4.66	3	0.64	8
Reduce the power consumption of ID to by control of Control of High Excess Air and Cold Air Ingress in APH				
750291	3.75	2	0.53	9
Improvement in boiler feed water temperature by repair/replacement of economizer tubes.				
65344	3.63	NIL	Immediate	10
Boiler Feed Water Pump Pressure drop Optimization				
48117	2.67	NIL	Immediate	11
Optimize the Discharge Pressure of Condensate Extraction Pump (CEP)				
45201	2.51	2	0.8	12
Efficiency Improvement of Induced Draft (ID) Fan at CPP Section by overhauling and operate at best efficiency point through existing VFD				
470577	2.35	1.5	0.64	13
Improve effectiveness of cooling tower through overhauling and cleaning				
312783	1.56	-	-	14
Preheat the BF Gas by Sinter Flue Gas Before Using at Sinter Ignition Furnace and Save Energy				



Energy Savings by Installation of Rotary Type Screen at Inlet of 4 Roll Crusher in Sinter Plant	14969	0.83	2	2.41	15
Install Static Capacitor at Load end for Major Equipment of MBF Section and Save Electrical Energy	10361	0.58	0.68	1.17	16
Install Static Capacitor at Load end for Major Equipment of CPP Section and Save Electrical Energy	6901	0.38	0.60	1.57	17
Replace Existing 400W HPSV Lights with 150W LED Flood Light and Save Energy	102194	5.3	3.5	0.66	18
Replace Existing 250W HPSV Lights with 100W LED Light and Save Energy	24769	1.25	1.21	1.0	19
Replace Existing 150W HPSV Lights with 75W LED Light and Save Energy	37121	1.84	2.17	1.18	20
Replace Existing 70W HPSV Lights with 40W LED Light and Save Energy	12693	0.59	1.13	1.9	21
	5834197	236	162	0.69	

**Total value is calculated considering ECM-1 Proposal II

ANNEXURE IX



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, e-mail : wbpcbnet@wbpcb.gov.in

Memo No. **38** /2S(HW)–2497/2009

Date: **02.03.2020**
~~02/2020~~

FORM 2

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

Ref.: Application for renewal of authorization dated 24.04.2019 for management & handling of hazardous and other wastes.

M/s. Neo Metaliks Limited,

Banscopa Industrial Complex, P.O.: Gopalpur, P.S. – Kanksa, Dist. – Burdwan, PIN: 713 212, West Bengal is hereby granted an authorisation based on the enclosed signed inspection report for generation, collection, reception, storage, transport, reuse, recycling, recovery, pre-processing, co-processing, utilisation, treatment, disposal, or any other use of hazardous or other wastes or both on the premises situated at **Banscopa Industrial Complex, P.O.: Gopalpur, P.S. – Kanksa, Dist. – Burdwan, PIN: 713 212, West Bengal.**

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 (ton/annum)
1.	5.1	Recycling through authorized recyclers *	0.40
2.	36.2	Disposal to CHWTSDF. *	0.001
3.	35.2	Disposal to CHWTSDF. *	0.04

* For detail refer to Specific Conditions.

- (1) Authorisation shall be valid for a period upto **31.03.2024** with effect from the date of issue.
- (2) The authorisation is subject to the following general and specific conditions.


[Chief Engineer]

Waste Management Cell
West Bengal Pollution Control Board
Dr. T. K. GUPTA
Chief Engineer
Planning & Waste Management Cell
West Bengal Pollution Control Board

A. General conditions of authorisation

1. The authorised person shall comply with the provisions of the Environment (Protection) Act, 1986, and the rules made there under.
2. The authorisation or its renewal shall be produced for inspection at the request of an officer authorised by the State Pollution Control Board.
3. The person authorised shall not rent, lend, sell, transfer or otherwise transport the hazardous and other wastes except what is permitted through this authorisation.
4. Any unauthorised change in personnel, equipment or working conditions as mentioned in the application by the person authorised shall constitute a breach of his authorisation.
5. The person authorised shall implement Emergency Response Procedure (ERP) for which this authorisation is being granted considering all site specific possible scenarios such as spillages, leakages, fire etc. and their possible impacts and also carry out mock drill in this regard at regular interval of time;
6. The person authorised shall comply with the provisions outlined in the Central Pollution Control Board guidelines on "Implementing Liabilities for Environmental Damages due to Handling and Disposal of Hazardous Waste and Penalty"
7. It is the duty of the authorised person to take prior permission of the State Pollution Control Board to close down the facility.
8. The imported hazardous and other wastes shall be fully insured for transit as well as for any accidental occurrence and its clean-up operation.
9. The record of consumption and fate of the imported hazardous and other wastes shall be maintained.
10. The hazardous and other waste which gets generated during recycling or reuse or recovery or pre-processing or utilisation of imported hazardous or other wastes shall be treated and disposed of as per specific conditions of authorisation.
11. The importer or exporter shall bear the cost of import or export and mitigation of damages if any.
12. An application for the renewal of an authorisation shall be made three months before the expiry of such authorisation.
13. Any other conditions for compliance as per the Guidelines issued by the Ministry of Environment, Forest and Climate Change or Central Pollution Control Board from time to time.
14. Annual return in Form 4 shall be filed by June 30th every year for the period ending 31st March of that year.

B. Specific conditions:

1. The unit shall store the hazardous wastes (category wise separately) under shade in an environment friendly safe manner within the premises at designated places.
2. The unit shall not store hazardous wastes onsite for more than 180 (one hundred eighty) days.
3. Used oil (5.1) shall be sold through manifest system (Form 10) only to the recyclers having valid registration of the State Pollution Control Board (SPCB). During each sale, the original Pass-book issued by SPCB to the registered recyclers shall be endorsed mentioning the quantity and copy of the same should be kept as record.

4. Discarded D. G. Set oil filter (36.2) and Spent Resin (35.2) shall be disposed off either through co-incineration in Cement Kilns having prior approval from the concerned SPCB where such cement kilns are located or to be disposed off to the Common Hazardous Waste Treatment, Storage & Disposal Facility (CHWTSDF) through Manifest (Form 10).
5. Transport of hazardous and other waste shall be in accordance with the Hazardous & Other Wastes (Management & Transboundary Movement) Rules, 2016, guidelines issued by the Central Pollution Control Board (CPCB) and rules made under the Motor Vehicles Act, 1988. The responsibility of safe transport shall be either of the sender or the receiver whosoever arranges the transport and this responsibility shall be clearly indicated in the Manifest.
6. Records of hazardous waste generation, storage and disposal shall be maintained properly and shall be available to the inspecting officials of the State Board during inspection.
7. The unit shall update regularly the environmental information in Display Boards as per the order of the Hon'ble Supreme Court dated. 14.10.2003 in W.P.(C) NO.657 of 1995.
8. Environmental information display boards in English and Bengali shall be provided outside the main gate as per the order of the Hon'ble Supreme Court dt.14.10.2003 in W.P.(C) no. 657 of 1995.
9. Authorisation will be revoked in case of non-compliances with any of the above conditions.

✓ M/s. Neo Metaliks Limited,

Banscopa Industrial Complex, P.O.:
Gopalpur, P.S. – Kanksa, Dist. – Burdwan,
PIN: 713 212, West Bengal.


[Chief Engineer]

Waste Management Cell
West Bengal Pollution Control Board

Dr. T. K. GUPTA

Chief Engineer

Planning & Waste Management Cell
West Bengal Pollution Control Board

Enclosed: As stated.