



भारतीय अन्तर्देशीय जलमार्ग प्राधिकरण

(पत्तन, पोत परिवहन और जलमार्ग मंत्रालय, भारत सरकार)

INLAND WATERWAYS AUTHORITY OF INDIA

(Ministry of Ports, Shipping and Waterways, Govt. of India)

क्षेत्रीय कार्यालय : पी-७८, गार्डनरीच रोड, कोलकाता - ७०० ०४३ (प० बं०)

REGIONAL OFFICE : P-78, Garden Reach Road, Kolkata - 700 043 (W.B.)

दूरभाष : 2439 0393 / 5577 / 6055, फैक्स : 2439 5570



SAGARM
PORT-LED PROJ

E-mail : iwaical@dirkol.iw

IWAI/JMVP/8B/MMT-HAL/CRZ/2018-19/1612

Date-21.10.2023

To,

The Member Secretary & CEO

WBCZMA, Dept. of Environment

Govt. of W.B., Salt Lake, Kolkata

E-mail-environmentwb@gmail.com

Sub:-Submission of Half Yearly Compliance report of the Clearance Certificate of CRZ for construction of MMT IWT Terminal at Haldia-reg

Ref: 1.MoEF&CC CRZ Clearance letter no.-11-14/2017-IA-III,dt.06.11.17

2.WBCZMA letter no. 135/EN/T-II-4/018/2015,dt.024.01.2017

Sir,

Inland Waterways Authority of India(IWAI),Ministry of Shipping ,Govt. of India is implementing the Jal Marg Vikas Project (JMVP) for capacity augmentation for navigation on National Waterways-1.

The project interventions includes construction of Multimodal IWT Terminal at Haldia (Dist.-Purba Medinipur,WB.). The West Bengal Coastal Zone Management Authority (WBCZMA),Dept. of Environment (DoE),Govt. of W.B.,had recommended the project for Coastal Region Zone (CRZ) clearance to the Ministry of Environment ,Forest &Climate Change (MoEF&CC),Govt.of India,vide letter no. 135/EN/T-II-4/018/2015,dt.24.01.2017. The MoEF&CC accorded CRZ Clearance vide letter no. 11-14/2017-IA-III,dt.06.11.2017 to the IWAI for the project located at Haldia,under the provisions of the CRZ Notification,2011.

As per the condition mentioned under Part B, General Condition (Para-ix)of the aforesaid recommendation letter ,it is mandatory that Half Yearly report indicating the compliance of the conditions listed is to be submitted to WBCZMA.

In this regard,please find enclosed herewith Half Yearly Compliance report for the period of July-Dec.,2022 & Jan-June,2023 pertaining to construction of Multimodal IWT Terminal at Haldia for your kind information and persusal.

Yours faithfully

(Arvind Kumar)

Director & E-I-C

MMT-Haldia,JMVP

Encl.as stated asbove

Copy to:-

1. The Chief Engineer &P.M.,JMVP,IWAI,Noida
2. Shri Anishu Rahman,Specialist (Consultant),JMVP,IWAI,Noida
3. Shri Manish Kumar,Environment Specialist,JMVP,IWAI,Noida

Head Office : Jalmarg Bhawan, A-13, Sector-1, NOIDA - 201 301 (U.P.)

Phone : +91-120-2544036, 2543972, 2527667, 2448101, Fax : +91-120-244009, 2544041, 2521764, 2543973

Website : www.iwai.gov.in / www.iwai.nic.in Email : iwainoi@nic.in



4.

भारतीय अन्तर्देशीय जलमार्ग प्राधिकरण

(पत्तन, पोत परिवहन और जलमार्ग मंत्रालय, भारत सरकार)

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दूरभाष : 2439 0393 / 5577 / 6055, फैक्स : 2439 5570



SAGARMA
PORT-LED PROSPERITY

E-mail : iwaical@yahoo.com
dirkol.iwai@nic.in

IWAI/JMVP/8B/MMT-HAL/CRZ/2018-19/1613

Date-21.10.2023

To,

The Director

Eastern Zone, MoEF&CC, Govt. of India

A/3-Chandrashekharapur

Bhubaneswar-751023

E-mail-roez.bsr-mef@nic.in

Sub:-Submission of Half Yearly Compliance report of the Clearance Certificate of CRZ for construction of MMT IWT Terminal at Haldia-reg

Ref: MoEF&CC CRZ Clearance letter no.-11-14/2017-IA-III, dt.06.11.17

Sir,

Inland Waterways Authority of India (IWAI), Ministry of Shipping, Govt. of India is implementing the Jal Marg Vikas Project (JMVP) for capacity augmentation for navigation on National Waterways-1.

The project interventions includes construction of Multimodal IWT Terminal at Haldia (Dist.- Purba Medinipur, WB.). The West Bengal Coastal Zone Management Authority (WBCZMA), Dept. of Environment (DoE), Govt. of W.B., had recommended the project for Coastal Region Zone (CRZ) clearance to the Ministry of Environment, Forest & Climate Change (MoEF&CC), Govt. of India, vide letter no. 135/EN/T-II-4/018/2015, dt.24.01.2017. The MoEF&CC accorded CRZ Clearance vide letter no. 11-14/2017-IA-III, dt.06.11.2017 to the IWAI for the project located at Haldia, under the provisions of the CRZ Notification, 2011.

As per the Part-General condition (Para-iii) of the aforesaid clearance letter, it is mandatory that Half Yearly report indicating the compliance of the certain conditions listed by MoEF&CC are to be submitted to Regional Office at Bhubaneswar & West Bengal Coastal Management Authority.

In this regard, please find enclosed herewith Half Yearly Compliance report for the period of July-Dec., 2022 & Jan-June, 2023 pertaining to construction of Multimodal IWT Terminal at Haldia for your kind information and perusal.

Yours faithfully


(Arvind Kumar)

Director & E-I-C

MMT-Haldia, JMVP

Encl. as stated above

Copy to:-

1. The Chief Engineer & P.M., JMVP, IWAI, Noida
2. Shri Anishu Rahman, Specialist (Consultant), JMVP, IWAI, Noida
3. Shri Manish Kumar, Environment Specialist, JMVP, IWAI, Noida

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भारतीय अन्तर्देशीय जलमार्ग प्राधिकरण

(पत्तन, पोत परिवहन और जलमार्ग मंत्रालय, भारत सरकार)

मुख्यालय : जलमार्ग भवन, ए-13, सेक्टर-1, नौएडा-201 301, (उ० प्र०)

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No. IWAI/WB/NW-1/10/3/ (13)/2015

Date: 16.10.2023

To
The Director,
IWAI, Kolkata

Sub: Compliance of conditions stipulated for the CRZ clearance for the Multimodal Terminal at Haldia, West Bengal.

Ref: (1) MoEF&CC CRZ Clearance Letter No. 11-14/2017-IA-III dated 06.11.2017

(2) Letter no. IWAI/JMVP/8B/MMT-Hal/CRZ/2018-19/796 dated: 04.09.2023

(3) Letter no. IWAI/JMVP/8B/MMT-Hal/CRZ/2018-19/796 dated: 04.09.2023

Sir,

Half yearly report on Compliance of Conditions required to be submitted as per the Part B general Conditions (Para-III) of referred CRZ clearance letter for the period of July- December 2022 and January- June 2023 along with the necessary annexures is enclosed.

2. It is requested that these both half yearly compliance report may please be submitted to the MoEF&CC Regional Office, Bhubaneshwar and West Bengal Coastal Zone Management Authority, Kolkata.

Yours faithfully,

(Ravi Kant)

Chief Engineer &
Project Manager (JMVP)

Encl: As above.

**Half yearly Compliance Report for CRZ Clearance for
Multi Modal Terminal at Haldia, District Purbi (East),
Medinipur, West Bengal
January-June 2023**

Compliance of conditions laid down by the MoEF&CC for granting CRZ clearance for the Haldia MMT vide Letter No. 11-14/2017-IA.III dated 06.11.2017

S.No	Conditions of CRZ	Compliance Status
Part A: Specific Conditions		
(i)	All conditions/recommendations stipulated by the West Bengal Coastal Zone Management Authority (WBCZMA) vide its letter no. 135/EN/T-II/018/2015; dated 24.01.2017 shall strictly be complied with.	Noted and Complied. Compliance report of conditions stipulated by the West Bengal Coastal Zone Management Authority for the period of January to June 2023 is enclosed as Annexure -I with this report.
(ii)	Any other clearances/ as may be applicable, under other rules/notifications/Orders issued under the provisions of EIA Notification, 2006, shall be obtained, prior to commencement of the proposed activity.	Noted. No other clearance is applicable at this stage.
(iii)	'Consent to Establish' shall be obtained from State Pollution Control Board under the Air (Prevention and Control of Pollution) Act, 1981 and the Water (Prevention and Control of Pollution) Act, 1974.	Noted and Complied. 'Consent to Establish' has been obtained from the West Bengal State Pollution Control Board under the Air (Prevention and Control of Pollution) Act, 1981 and the Water (Prevention and Control of Pollution) Act, 1974. Consent to Establish enclosed as Annexure-II
(iv)	A 2% of the cost of the project shall be apportioned for marine and coastal biodiversity protection and conservation measures, to be spent by the project proponent towards fulfilling its Corporate Environmental Responsibility (CER) during the currency of the project. Proper record and	Noted and is being complied with. In this connection, following activities or measures has been undertaken by IWAI which would contribute to the marine and coastal biodiversity protection and conservation in and around the Haldia MMT:

	account of measures taken should be maintained and should also be submitted to the CZMA every six months.	Sr. No	Environmental Protection Measures	Estimated Cost in INR
		1.	Risk assessment and disaster management plan for NW-1	69,47,425/-
		2.	Study for the effect of navigation activities on dolphin	48,30,000/-
		3.	Equipment for collection and transportation of solid and liquid waste at MMY Haldia	1,54,04,546
		4.	Environmental Management Plan	1,20,24,600/-
(v)	The construction in CRZ areas shall strictly in accordance with the provisions of CRZ Notification, 2011 and as amended from time to time.	Noted and is being complied with.		
(vi)	The project shall be implemented in a manner such that it is consistent with the Government of India's mission on Clean Ganga and serves as role model for Inland Water Transport.	Noted and is being complied with.		
(vii)	The project proponent shall take necessary directives from National Ganga River Basin Authority before execution of the project.	Noted and Complied. IWAI had written to NGRBA on 11.10.2017 in this matter and this was followed by reminders dated 20.09.2018 and 20.02.2019, but there has been no response from the NGRBA so far. It may, therefore, be presumed that NGRBA has no comments/instructions to offer in this regard.		
(viii)	The project proponent shall commission a study on Gangetic Dolphin habitats and formulate road map for its conservation within a time	Noted and Complied. A consultancy study on the effect of navigational activities on Dolphins in the National Waterway-1 has been commissioned on 20 th December,		

	bound manner not exceeding two years.	2017. The study was concluded on September 2020. All the recommendation of the study are under consideration. Vessels operators will be sensitized continuously to take the measures suggested in the study to minimize or the negative effect of navigation on the Gangetic Dolphin Habitat.
(ix)	The project proponent shall ensure that restoration plan for mudflat (in and around the vicinity of the project areas) is developed with specific focus on waders and other migratory species during the course of development of the project itself. Non vegetated mudflats shall be maintained as it is and no mangrove afforestation should be undertaken on the same.	Noted There is no such existence of mangroves, invertebrate communities like juvenile shore crabs, common periwinkle, salt marsh birds, migratory species etc. in the mudflat area.
(x)	A robust scientific study on data of fish fauna available in the Ganges shall be carried out from an institute of national repute and report submitted within one year to the Regional office of the Ministry and the Ganga Basin Authority.	Noted and Complied. A study on the "Impact assessment of coal transportation through barges along the National Waterway No. 1 (Sagar to Farakka) along river Ganga by ICAR-CIFRI, Kolkata was commissioned by NTPC. This study included the data on fish fauna, abiotic and biotic components, impacts on livelihood of fishermen etc. A copy of the study report was enclosed with the half yearly CRZ compliance report for the period of January-June 2018. Copy of this report was also submitted to NGRBA vide letter No. IWAI/WB/NW-1/10/3/(13)/2015 dated 11.10.2017. A copy of the report was sent to MoEF & CC on 16.01.17 by NTPC.
(xi)	The project proponent shall ensure that implementation of	Noted and being complied with.

	the Oil Spill Contingency Plan is regularly monitored and observations documented and submitted to the concerned authority of the State Government.	
(xii)	Surface water contamination shall be monitored periodically in order to prevent contamination of run-off water getting mixed of contaminated run-off with river. The monitoring results shall be submitted periodically to the State pollution control Board and the regional office of the Ministry.	Noted. Since the major construction activities are completed and the terminal is not in the operation phase, so there is no generation of wastewater. During the operation phase waste water will be treated at sewage treatment plant installed at terminal site and treated water will be used for flushing and gardening purpose.
(xiii)	In order to ensure that the fishing community are not disturbed during their fishing course of activity, the project proponent shall ensure that barge movement shall be restricted to channel area only and the speed of barges are efficiently regulated.	Noted for compliance at the operational stage of the terminal when this condition is applicable.
(xiv)	The project proponent shall provide arrangement for Fish Drying beds with prior consultation with the fishing community. In addition, the project; proponent shall ensure rehabilitation and resettlement of the fishermen communities in the event the project impacts existing livelihood pattern of these communities.	Noted. As per ESIA study carried out for the project, no fishing community is affected, as the Haldia Dock Complex, the site of the project, is a restricted area and no fishing hamlet/ fishing activity within the shore of the river abutting the complex is permitted.
(xv)	There shall be no disposal of solid or liquid wastes on the coastal area. Solid waste management shall be as per Solid Wastes Management Rules, 2016. A team comprising of members of the WBCZMA	Noted and being complied with. Details submitted to the Ministry of Environment, Forest & Climate Change and West Bengal Coastal Zone Management Authority along with Half yearly compliance dated 01.11.2018.

	and others with expertise in the subject shall visit the project site periodically during the construction phase to supervise and suggest additional measures if desired.	
(xvi)	Status of implementation of the specific and general conditions prescribed in the recommendations made by the west Bengal coastal Zone management Authority shall be submitted to all concerned agencies including regional office of the Ministry of Environment Forest and Climate Change.	Noted and is being complied with.
(xvii)	There shall be no dressing or-alteration of the landscape sand dunes, natural features including changes for beautification, recreation and other such purpose.	Noted and is being complied with.
(xviii)	All waste (liquid and solid) arising from the proposed development will be disposed off as per the norms prescribed by Central/State Pollution Control Board. There shall not be any disposal of untreated effluent in to the sea/coastal water bodies.	Noted and is being complied with.
(xix)	Soil and ground water sample shall be regularly collected from the project site and tested from an NABL accredited laboratory to ascertain that there are no threats to ground water quality by leaching of heavy metals and other toxic contaminants. In case, contamination is observed, immediate remedial action shall be undertaken and the concerned agency in the	Noted.

	State Government shall be informed.	
(xx)	Disposal of muck during construction phase should not create any adverse effect on the neighboring communities and be disposed taking the necessary precautions for general safety and health aspects of people, one in approved sites with the approval of competent authority.	Noted and being complied with. During January to June 2023 there was no disposal of muck. Earlier agreement with the gram panchayat was obtained for the disposal site and muck was disposed at the safe site accordingly.
(xxi)	Any hazardous waste generated during construction phase, should be disposed of as per applicable rules and norms with necessary approvals of the State Pollution Control Board, as may be applicable.	There is no waste oil present at the site. vendor details are enclosed as Annexure-I
S.No	Conditions of CRZ	Compliance Status / Remarks
Part B: General Conditions		
(i)	Adequate provision for infrastructure facilities including water supply, fuel and sanitation must be ensured for construction workers during the construction phase of the project to avoid any damage to the environment.	Noted and Complied. The EPC contractor of the project provided the labour colony with all required infrastructure facilities such as water supply, fuel and sanitation and has also taken all the precautionary measures to avoid any damage to the environment.
(ii)	Full support shall be extended to the officers of this Ministry/Regional Office by the project proponent during inspection of the project for monitoring purposes by furnishing full details and action plan including action taken reports in respect of mitigation measures and other environmental protection activities.	Noted.

(iii)	A six-monthly monitoring report shall be submitted by the project proponents to the Regional Office of this Ministry regarding the implementation of the stipulated conditions.	Being complied with.
(iv)	The Ministry of Environment, Forest & Climate Change or any other competent authority may stipulate any additional conditions or modify the existing ones, if necessary, in the interest of environment and the same shall be complied with.	Noted.
(v)	The Ministry reserves the right to revoke this clearance if any of the conditions stipulated are not complied with to the satisfaction of the Ministry.	Noted.
(vi)	In the event of a change in project profile or change in the implementation agency, a fresh reference shall be made to the Ministry.	Noted.
(viii)	A copy of the clearance letter shall be marked to concerned Panchayat/ local NGO, if any, from whom any suggestion/ representation has been made received while processing the proposal.	Noted and Complied. Details submitted to Ministry of Environment, Forest & Climate Change and West Bengal Coastal Zone Management Authority along with half yearly compliance dated 01.11.2018.
(ix)	A copy of the CRZ Clearance letter shall also be displayed on the website of the concerned State Pollution Control Board. The Clearance letter shall also be displayed at the Regional Office, District Industries center and Collector's Office/Tehsildar's Office for 30 days.	Noted and Complied. Details submitted to Ministry of Environment, Forest & Climate Change and West Bengal Coastal Zone Management Authority along with half yearly compliance dated 01.11.2018.

List of Annexure

S. No.	Details	Annexure No.
1.	Compliance of the conditions/ recommendations stipulated by West Bengal Coastal Zone Management Authority (WBCZMA)	ANNEXURE-I
2.	Consent to Establish from west Bengal pollution control board of the Multi Model Terminal	ANNEXURE-II
3.	Test Report of Surface water quality	ANNEXURE-I
4.	Test Report of Ambient Noise Monitoring	ANNEXURE-I
5.	Test Report of Ambient Air Monitoring	ANNEXURE-I
6.	Authorization and manifest for Hazardous waste disposal	ANNEXURE-I
7.	PUC details	ANNEXURE-I

ANNEXURE-I

**Compliance of the conditions/recommendations
stipulated by the West Bengal State Coastal Zone
Management Authority (WBSCZMA)**

January-June 2023

Compliance of the conditions/recommendations stipulated by the West Bengal State Coastal Zone Management Authority (WBSCZMA) vide its letter no. 135/EN/T-II/018/2015, dated 24.01.2017.

S.No	Conditions	Compliance
Part A: Specific Conditions of WBSCZMA		
(i)	CRZ norms as laid down in CRZ Notification, 2011 should be strictly followed.	Noted and is being complied with.
(ii)	The built-up area as proposed should be strictly adhered to.	Noted and is being complied with.
(iii)	Noise and vibration during construction should be minimized through good working practices and management of working hours.	<p>The following measures have been taken to minimise the noise and vibration during construction stage:</p> <ul style="list-style-type: none"> • Restriction of high noise generating activity between 6.00 AM to 10:00 PM. • Barricading (temporary noise barrier) the construction site to minimize the noise level outside the site boundary. • Noise monitoring is being carried out in different project locations has revealed that it is within the permissible limit. <p>Test report of noise monitoring is enclosed</p>
(iv)	The structures created under this project should be able to withstand cyclonic storm that is likely to strike the coast once in 20 years interval. The project proponent should get the plan certified by a competent architect regarding its structural stability.	The structural design of the terminal regarding its stability to withstand cyclonic storms has been got vetted and certified from IIT Kharagpur.
(v)	Extraction of sand, levelling or digging of sandy stretches except for structural formation should not be done under any circumstance.	Noted and is being complied with.
(vi)	No dredging should be done during Hilsa breeding season.	Noted and is being complied with.
(vii)	Oil Spill Disaster Contingency Plan along the entire route of operations approved by Indian Coast Guard should be submitted prior to commencement of cargo handling and despatch.	Noted.
(viii)	The vessels using the facility should have proper safeguard for protection of wildlife such as dolphin etc. from damage by propeller.	No such big vessels having propeller are being used in construction activity, which may cause any damage to aquatic Wildlife.

(ix)	Study of the siltation rate is to be submitted to the Authority from time to time.	Noted.
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PART- B: GENERAL CONDITION

S.No	Conditions	Compliance
Part B: General Conditions of WBSCZMA		
(i)	Liquid waste if any, from this area will not be allowed to drain directly into the river.	Noted and is being complied with.
(ii)	During loading and unloading of cargo strict vigilance should be done to avoid spillage directly on river water.	Noted and will be complied with.
(iii)	The Proponent should abide by the Municipal Solid Waste (Management & Handling) Rules, 2000. The Proponent must develop the solid waste management and disposal scheme ensuring storage and segregation of bio-degradable and non-biodegradable wastes. The solid wastes to be composted and used as manure.	Noted and being complied with. Solid waste is collected in colour coded waste bins at the labour colony and construction site and disposed as per the Rules.
(iv)	Adequate provision for the infrastructure facilities including water supply and sanitation may be ensured for the labourers during the construction period in order to avoid damage to the surrounding environment.	The EPC contractor of the project has provided the labour colony with all required infrastructure facilities such as drinking water, proper labor accommodation, toilet facilities, Provision of First Aid Centre, Fire Extinguishers and has also taken all the precautionary measures to avoid any damage to the environment. Potable water quality is tested on a monthly basis by a NABL accredited laboratory.
(v)	Construction materials and wastes including hazardous substances such as oil, if any, should not be allowed to pollute the surrounding land or aquatic environment as the case may be and should be disposed of as per prevalent rule.	Being complied with. Construction wastes are stored at demarcated locations at the site. There is no waste oil present at site.
(vi)	The noise level and the suspended particulate matters should be kept within permissible levels at the time of establishments as well as operations.	Noise Monitoring and Ambient Air Monitoring has been carried out as per monitoring plan and found within permissible limit. Dedicated Tanker has been deployed for frequent Water sprinkling.
(vii)	There should not be any removal of vegetative cover both at the establishment as well as operation	Noted and is being complied with. Permission from the Divisional Forest Office, Purba Medinipur, West Bengal

	stage, without the sanction of appropriate authority.	for tree cutting has been obtained. Details of the same has been provided with earlier compliances.
(viii)	The ships should not discharge ballast water or any untreated sewage directly into the river.	Noted. Zero discharge from vessels policy is there for NW-1. Untreated sewage will be collected at the waste reception facility being installed at the terminal for treatment in STP.
(ix)	This CRZ clearance accorded to the project shall remain valid for a period of 5 years from the date of its issue.	Noted.
(x)	The project proponent shall submit half yearly compliance report in respect of stipulated terms and conditions in hard and soft copies on 1 st June and 31 st December of each calendar year.	Being complied with.
(xi)	The WBSCZMA may monitor the implementation of the project at any stage. For all activities the authorized member of West Bengal State Coastal Zone Management Authority will have the power to inspect the sites to enforce conditions imposed by the state authority. The Authority reserves the right to add additional safeguard measures subsequently if found necessary.	Noted.

Annexure- 1

Details of Waste Sales

Details of Used / Waste Oil										
Sr . No.	Site	Qty (In ltrs)	Date of Disposal	Details of Vendor/ Recycler/ Preprocessor					Sale Order no. & Date	Manifest Form - 10 Available at site (Yes/No)
				Name	Location of Recycling Facility	CPCB Registration No. and period of Validity	SPCB Authorization No.	Validity period of CPCB / SPCB Authorized Recycler's		
1	42016 DM,IWAI/Haldia	3000	27.01.2020	Shruti Petrochem Industries	Vill: Lohar Heri Dist: Jhajjar, Haryana		100/2013-14/RCRR/HW/HSPCBN/ORANGE	30.06.2019 To 29.06.2024	Sales Order No : 1308 Date : 26.11.2019	Yes

****We currently have 400 liters of Waste oil in our store after 27.01.20. We are disposing of it and preparing to submit the details as soon as possible.**

2	42016 DM,IWAI/Haldia	850	20.04.2022	Amit Lubricants	Mukund Majhi Road,MaityparaPo-Raghunathpur P.S-Dankuni Dist-Hooghly-712247 ,West Bengal	30.4.24	101/2S/(HW) 3608/2019	30.04.2019 TO 30.4.2024	30002454 Dated 20.04.22	Yes
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**** We currently have not any quantity of waste oil at site. Details already submitted vide our letter no: 3174/ITDCem-IWAI/42016DM/22**

Annexure- 2

Noise Monitoring Report – January 2023



ENVIROCHECK

Recognised by MoEF&CC, WBPCB & JSPCB
 Certified by ISO 9001:2015, ISO 14001:2015 & ISO 45001:2018



FORMAT NO. ENV/FM/53

TEST REPORT

• Name of Industry / Company / Factory / Office	:	ITD Cementation India Limited (IWL Terminal)
• Address	:	IWT Terminal, IWAL, Near Durgachak, Haldia, District – East Medinipore, Pin - 721602
• Type of Industry	:	Multi Modal IWT Terminal
• Sampling Plan & Procedure	:	ENV/SOP/02
• Deviation from the Sampling Method & Plan	:	No
• Type of Sample	:	Noise Level Study
• Sample ID	:	ENV/398/Dec/M/N
• Date of Study	:	28/01/2023
• Method No.	:	IS 15575 (Part 2), 2022
• Sample Monitored by	:	Mr. KaushikPodder
	:	Report ID : ENV/398/Dec/(TR)N/22-23
	:	Reporting Date : 30/01/2023
	:	Time of Duration of Noise : 20 Minutes
	:	Height from Ground Level : 4 Feet.

RESULT OF NOISE LEVEL STUDY

Sl. No.	Location Name	dB (A) - (Noise Data)										Time (Hours)	Min dB (A)	Max dB (A)	L _{eq} dB (A)	Limit in LeqdB(A)
1.	Near Silo Area	60.2	61.2	62.3	62.6	60.8	61.7	61.9	60.0	60.6	60.4	1:00 – 1:20P.M	60.0	62.6	61.26	A. Industrial Area (Day Time – 75.0) (Night Time – 70.0) B. Commercial Area (Day Time – 65.0) (Night Time – 55.0) C. Residential Area (Day Time – 55.0) (Night Time – 45.0) D. Silent Zone (Day Time – 50.0) (Night Time – 40.0)

> End of Report <

** Mean of Leq - Equivalent to Sound Energy	** Central Pollution Control Board, Ministry of Environment & Forests Government of India & Department of Environment, Government of West Bengal
	**Day Time is reckoned in between 6:00 A.M & 10:00 P.M
	**Night Time is reckoned in between 10:00 P.M & 6:00 A.M
PERMISSIBLE NOISE EXPOSURE FOR INDUSTRIAL WORKERS / Source : The Noise Pollution (Regulation and Control) Rules, 2000	
Hours	Limit in dB(A)
8	90
4	93
2	96
1	99
1/2	102
1/4	105
1/8	108
1/16	111
1/32	114
(2 minutes or less)	-

Reviewed By :

Indrani Bhattacharya

INDRANI BHATTACHARYA
 Dy. Technical Manager, Chemical

Authorized Signatory :

Dr. Ajoy Paul

Dr. AJAY PAUL
 Quality Manager

H.O. : 63/B, Rastraguru Avenue, Kolkata -700028 ■ Ph. 033 25792891/ 25497490 ■ Fax : 033 25299141
 Laboratory : 189, 190 & 192, Rastraguru Avenue, Kolkata -700028 ■ Ph. 033 25792889
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 Branch Office : Siliguri ■ Haldia ■ Durgapur ■ Dhanbad ■ Gangtok ■ Port Blair ■ Dehradun ■ New Delhi
 Overseas : UAE ■ Qatar ■ Netherlands

Noise Monitoring Report – February 2023



ENVIROCHECK

Recognised by MoEF&CC, WBPCB & JSPCB
 Certified by ISO 9001:2015, ISO 14001:2015 & ISO 45001:2018



TC-6014

FORMAT NO. ENV/FM/58

TEST REPORT

• Name of Industry / Company / Factory / Office	: ITD Cementation India Limited (IWL Terminal)
• Address	: IWT Terminal, IWAI, Near Durgachak, Haldia, District - East Medinipore, Pin - 721602
• Type of Industry	: Multi Modal IWT Terminal
• Sampling Plan & Procedure	: ENV/SOP/02
• Deviation from the Sampling Method & Plan	: No
• Type of Sample	: Noise Level Study
• Sample ID	: ENV/368/Dec/M/N
• Date of Study	: 20/02/2023
• Method No.	: IS 15575 (Part 2), 2022
• Sample Monitored by	: Mr. Kaushik Podder
	Report ID : ENV/498/Feb/(TR)N/23-24
	Reporting Date : 20/02/2023
	Time of Duration of Noise : 20 Minutes
	Height from Ground Level : 4 Feet.

RESULT OF NOISE LEVEL STUDY

Sl. No.	Location Name	dB (A) - (Noise Data)										Time (Hours)	Min dB (A)	Max dB (A)	L _{eq} dB (A)	Limit in LeqdB(A)
		60.2	61.2	62.2	62.6	60.8	61.7	61.9	60.0	60.6	60.4					
1.	Near Site Area											1:00 - 1:20 P.M	60.0	62.6	61.26	A. Industrial Area (Day Time - 75.0) (Night Time - 70.0) B. Commercial Area (Day Time - 65.0) (Night Time - 60.0) C. Residential Area (Day Time - 55.0) (Night Time - 45.0) D. Silent Zone (Day Time - 50.0) (Night Time - 40.0)

> End of Report <

** Mean of L _{eq} - Equivalent to Sound Energy		** Central Pollution Control Board, Ministry of Environment & Forests Government of India & Department of Environment, Government of West Bengal	
		**Day Time is reckoned in between	
		6:00 A.M & 10:00 P.M	
		**Night Time is reckoned in between	
		10:00 P.M & 6:00 A.M	
PERMISSIBLE NOISE EXPOSURE FOR INDUSTRIAL WORKERS / Source : The Noise Pollution (Regulation and Control) Rules, 2000			
Hours	Limit in dB(A)		
8	90		
4	93		
2	96		
1	99		
1/2	102		
1/4	105		
1/3	108		
1/16	111		
1/32	114		
(2 minutes or less)	-		

Reviewed By:

Indrani Bhattacharya

INDRANI BHATTACHARYA
 Dy. Technical Manager, Chemical

Authorized Signatory:

Dr. Ajoy Paul

Dr. AJOY PAUL
 Quality Manager

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 Laboratory : 189, 190 & 192, Rastraguru Avenue, Kolkata -700028 ■ Ph. 033 25792889
 E-mail : info@envirocheck.in / envirocheck50@gmail.com ■ Website : www.envirocheck.in
 Branch Office : Siliguri ■ Haldia ■ Durgapur ■ Dhanbad ■ Gangtok ■ Port Blair ■ Dehradun ■ New Delhi
 Overseas : UAE ■ Qatar ■ Netherlands

Noise Monitoring Report – March 2023



ENVIROCHECK
 Recognised by MoEF&CC, WBPCB & JSPCB
 Certified by ISO 9001:2015, ISO 14001:2015 & ISO 45001:2018



FORMAT NO. ENV/FM/53

TEST REPORT

<ul style="list-style-type: none"> • Name of Industry / Company / Factory / Office : ITD Cementation India Limited (IWL Terminal) • Address : IWT Terminal, IWAL, Near Durgachak, Haldia, District – East Medinipore, Pin - 721602 • Type of Industry : Multi Modal IWT Terminal • Sampling Plan & Procedure : ENV/SOP/02 • Deviation from the Sampling Method & Plan : No • Type of Sample : Noise Level Study • Sample ID : ENV/480/M/N • Date of Study : 30/03/2023 • Method No. : IS 15575 (Part 2), 2022 • Sample Monitored by : Mr. Bhuvan Ghosh 	<ul style="list-style-type: none"> • Report ID : ENV/480/(TR)N/22-23 • Reporting Date : 31/03/2023 • Time of Duration of Noise : 20 Minutes • Height from Ground Level : 4 Feet.
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RESULT OF NOISE LEVEL STUDY

Sl. No.	Location Name	dB (A) - (Noise Data)										Time (Hours)	Min dB (A)	Max dB (A)	L _{eq} dB (A)	Limit in LeqdB(A)
1.	Near Silo Area	53.7	56.9	60.2	63.1	66.3	67.2	68.1	65.9	58.4	59.9	11:00 – 11:20 A.M (Day Time)	53.7	63.1	58.73	A. Industrial Area (Day Time – 75.0) (Night Time – 70.0) B. Commercial Area (Day Time – 65.0) (Night Time – 55.0) C. Residential Area (Day Time – 55.0) (Night Time – 45.0) D. Silent Zone (Day Time – 50.0) (Night Time – 40.0)

>End of Report <

** Mean of L _{eq} - Equivalent to Sound Energy	** Central Pollution Control Board, Ministry of Environment & Forests Government of India & Department of Environment, Government of West Bengal **Day Time is reckoned in between 6:00 A.M & 10:00 P.M **Night Time is reckoned in between 10:00 P.M & 6:00 A.M
PERMISSIBLE NOISE EXPOSURE FOR INDUSTRIAL WORKERS / Source : The Noise Pollution (Regulation and Control) Rules, 2000	
Hours 8 4 2 1 1/2 1/4 1/8 1/16 1/32 (2 minutes or less)	Limit in dB(A) 90 93 96 99 102 105 108 111 114 -

Reviewed By:

 INDRANI BHATTACHARYA
 Dy. Technical Manager, Chemical

Authorized Signatory:

 Dr. AJOY PAUL
 Quality Manager

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Noise Monitoring Report – April 2023



ENVIROCHECK
Recognised by MoEF&CC, WBPCB & JSPCB
Certified by ISO 9001:2015, ISO 14001:2015 & ISO 45001:2018



FORMAT NO. ENV/FM/53

TEST REPORT

<ul style="list-style-type: none"> • Name of Industry : ITD Cementation India Limited • Address : IWT Terminal, IWAL, Near Durgachak, Haldia, District – East Medinipore, Pin - 721602 • Type of Industry : Multi Modal IWT Terminal • Sampling Plan & Procedure : ENV/SOP/01 • Deviation from the Sampling Method & Plan : No • Type of Sample : Noise Level Study • Sample ID : ENV/03/Oct/N/22-23 • Date of Study : 17/10/2022 • Method No. : IS 15575 (Part 2), 2022 • Sample Monitored by : Mr. ManikSaha 	<ul style="list-style-type: none"> • Report ID : ENV/03/Oct/(TR)N/22-23 • Reporting Date : 19/10/2022 • Time of Duration of Noise : 20 Minutes • Height from Ground Level : 4 Feet.
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RESULT OF NOISE LEVEL STUDY

Sl. No.	Location Name	dB (A) - (Noise Data)										Time (Hours)	Min dB (A)	Max dB (A)	L _{eq} dB (A)	Limit in LeqdB(A)
		52.5	53.8	54.7	56.0	55.5	57.4	53.3	54.5	56.2	57.1					
1.	Near Metering Room	52.5	53.8	54.7	56.0	55.5	57.4	53.3	54.5	56.2	57.1	4:00 – 4:20 P.M	52.5	57.4	53.08	A. Industrial Area (Day Time – 75.0) (Night Time – 70.0) B. Commercial Area (Day Time – 65.0) (Night Time – 55.0) C. Residential Area (Day Time – 55.0) (Night Time – 45.0) D. Silent Zone (Day Time – 50.0) (Night Time – 40.0)

> End of Report <

<p>** Mean of L_{eq} - Equivalent to Sound Energy</p>	<p>** Central Pollution Control Board, Ministry of Environment & Forests Government of India & Department of Environment, Government of West Bengal</p> <p>**Day Time is reckoned in between 6:00 A.M & 10:00 P.M</p> <p>**Night Time is reckoned in between 10:00 P.M & 6:00 A.M</p>
<p>PERMISSIBLE NOISE EXPOSURE FOR INDUSTRIAL WORKERS / Source : The Noise Pollution (Regulation and Control) Rules, 2000</p>	
<p>Hours</p> <p>8</p> <p>4</p> <p>2</p> <p>1</p> <p>1/2</p> <p>1/4</p> <p>1/8</p> <p>1/16</p> <p>1/32</p> <p>(2 minutes or less)</p>	<p>Limit in dB(A)</p> <p>90</p> <p>93</p> <p>96</p> <p>99</p> <p>102</p> <p>105</p> <p>108</p> <p>111</p> <p>114</p>

Reviewed By :

Indrani Bhattacharya

INDRANI BHATTACHARYA
Dy. Technical Manager, Chemical

Approved By :

Dr. Ajoy Paul

Dr. AJAY PAUL
Quality Manager

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 Overseas : UAE ■ Qatar ■ Netherlands

Noise Monitoring Report – May 2023



ENVIROCHECK

Recognised by MoEF&CC, WBPCB & JSPCB
 Certified by ISO 9001:2015, ISO 14001:2015 & ISO 45001:2018



FORMAT NO. ENV/EM/53

TEST REPORT

<ul style="list-style-type: none"> • Name of Industry / Company / Factory / Office • Address • Type of Industry • Sampling Plan & Procedure • Deviation from the Sampling Method & Plan • Type of Sample • Sample ID • Date of Study • Method No. • Sample Monitored by 	<ul style="list-style-type: none"> : ITD Cementation India Limited (IWL Terminal) : IWT Terminal, IWAI, Near Durgachak, Haldia, District – East Medinipore, Pin - 721602 : Multi Modal IWT Terminal : ENV/SOP/02 : No : Noise Level Study : Report ID : ENV/54/(TR)N/23-24 : Reporting Date : 02/05/2023 : Time of Duration of Noisc : 20 Minutes : Height from Ground Level : 4 Feet.
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RESULT OF NOISE LEVEL STUDY

Sl. No.	Location Name	dB (A) - (Noise Data)										Time (Hours)	Min dB (A)	Max dB (A)	Leq dB (A)	Limit in LeqdB(A)
		41.8	43.9	48.7	47.3	50.2	56.8	58.3	51.2	47.5	44.4					
1.	Near Silo Area	41.8	43.9	48.7	47.3	50.2	56.8	58.3	51.2	47.5	44.4	10:30 – 10:50 A.M (Day Time)	41.8	68.3	52.16	A. Industrial Area (Day Time – 75.0) (Night Time – 70.0) B. Commercial Area (Day Time – 65.0) (Night Time – 55.0) C. Residential Area (Day Time – 55.0) (Night Time – 45.0) D. Silent Zone (Day Time – 50.0) (Night Time – 40.0)

> End of Report <

<p>** Mean of Leq - Equivalent to Sound Energy</p>	<p>** Central Pollution Control Board, Ministry of Environment & Forests Government of India & Department of Environment, Government of West Bengal)</p> <p style="text-align: center;">**Day Time is reckoned in between 6:00 A.M & 10:00 P.M</p> <p style="text-align: center;">**Night Time is reckoned in between 10:00 P.M & 6:00 A.M</p>
<p>PERMISSIBLE NOISE EXPOSURE FOR INDUSTRIAL WORKERS / Source : The Noise Pollution (Regulation and Control) Rules, 2000</p>	
<p>Hours</p> <p>8</p> <p>4</p> <p>2</p> <p>1</p> <p>1/2</p> <p>1/4</p> <p>1/8</p> <p>1/16</p> <p>1/32</p> <p>(2 minutes or less)</p>	<p>Limit in dB(A)</p> <p>90</p> <p>93</p> <p>96</p> <p>99</p> <p>102</p> <p>105</p> <p>108</p> <p>111</p> <p>114</p> <p>-</p>

Reviewed By :

Indrani Bhattacharya

INDRANI BHATTACHARYA
 Dy. Technical Manager, Chemical

Authorized Signatory :

Dr. Ajoy Paul

Dr. AJOY PAUL
 Quality Manager

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 Branch Office : Siliguri ■ Haldia ■ Durgapur ■ Dhanbad ■ Gangtok ■ Port Blair ■ Dehradun ■ New Delhi
 Overseas : UAE ■ Qatar ■ Netherlands

Noise Monitoring Report – June 2023



ENVIROCHECK

Recognised by MoEF&CC, WBPCB & ISPCB
Certified by ISO 9001:2015, ISO 14001:2015 & ISO 45001:2018



FORMAT NO. ENV/FM/72

TEST REPORT

<ul style="list-style-type: none"> • Name of Industry / Company / Factory / Office • Address • Type of Industry • Sampling Plan & Procedure • Deviation from the Sampling Method & Plan • Type of Sample • Sample ID • Date of Study • Method No. • Sample Monitored by 	<ul style="list-style-type: none"> : ITD Cementation India Limited (IWL Terminal) : IWT Terminal, IWAI, Near Durgachak, Haldia, District – East Medinipore, Pin - 721602 : Multi Modal IWT Terminal : ENV/SOP/02 : No : Noise Level Study Report ID : ENV/547/Jun/(TR)N/23-24 Reporting Date : 21/06/2023 Time of Duration of Noise : 20 Minutes Height from Ground Level : 4 Feet.
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RESULT OF NOISE LEVEL STUDY

Sl. No.	Location Name	dB (A) - (Noise Data)										Time (Hours)	Min dB (A)	Max dB (A)	L _{eq} dB (A)	Limit in LeqdB(A)
		60.1	61.3	62.4	62.8	60.8	61.8	61.9	60.0	60.6	60.4					
1.	Near Site Area											1:00 – 1:20 P.M	60.0	62.6	61.26	A. Industrial Area (Day Time – 75.0) (Night Time – 70.0) B. Commercial Area (Day Time – 65.0) (Night Time – 55.0) C. Residential Area (Day Time – 55.0) (Night Time – 45.0) D. Silent Zone (Day Time – 50.0) (Night Time – 40.0)

> End of Report <

<p>** Mean of Leq - Equivalent to Sound Energy</p>	<p>** Central Pollution Control Board, Ministry of Environment & Forests Government of India & Department of Environment, Government of West Bengal</p>
	<p>** Day Time is reckoned in between 6:00 A.M & 10:00 P.M</p>
	<p>** Night Time is reckoned in between 10:00 P.M & 6:00 A.M</p>
<p>PERMISSIBLE NOISE EXPOSURE FOR INDUSTRIAL WORKERS / Source : The Noise Pollution (Regulation and Control) Rules, 2000</p>	
<p>Hours</p>	<p>Limit in dB(A)</p>
8	90
4	93
2	96
1	99
1/2	102
1/4	105
1/8	108
1/16	111
1/32	114
(2 minutes or less)	-

Reviewed By :

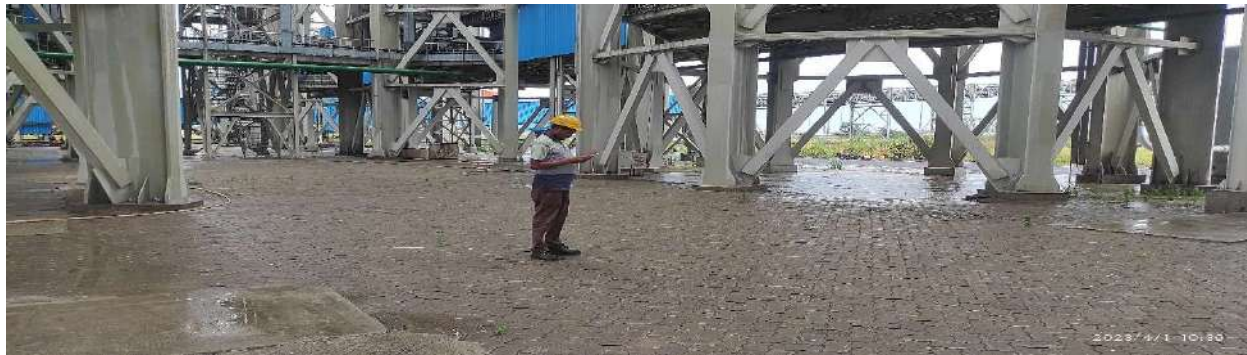
INDRANI BHATTACHARYA
Dy. Technical Manager, Chemical

Authorized Signatory :

Dr. AJOY PAUL
Quality Manager

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 E-mail : info@envirocheck.in / envirocheck50@gmail.com ■ Website : www.envirocheck.in
 Branch Office : Siliguri ■ Haldia ■ Durgapur ■ Dhanbad ■ Gangtok ■ Port Blair ■ Dehradun ■ New Delhi
 Overseas : UAE ■ Qatar ■ Netherlands

Noise Monitoring Photograph – January – June 2023



Annexure- 3

Details of Waste Sales



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

Authorisation letter no.

Memo No. 101/2S(HW)-3608/2019

Date: 30.04.2019

FORM 2

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

w.e.f.: Application for fresh authorization dated 22/04/2019 for management & handling of hazardous & other waste.

M/s Amit Lubricants (Unit-2) of Mukunda Majhi Road, PO-Raghnathpur, PS-Dankuni, Dist-Hooghly, Pin-712247 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 Mukunda Majhi Road, PO-Raghnathpur, PS-Dankuni, Dist-Hooghly, Pin-712247.

Details of Authorisation

Sl. no.	Category of Hazardous Waste as per the Schedule I, II and III of these rules	Authorized mode of disposal or recycling or utilization or co-processing etc.	Quantity (ton/annum)
1	4.4, 4.5	Disposal to CHWTSDF *	0.24
2	4.1	Disposal to CHWTSDF *	0.84
3	5.1	Utilization for recovery of product	936 KLA

*For detail refer to Specific Conditions.

- (1) Authorization shall be valid for a period up to 30/04/2024 w.e.f. 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

Vender Authoriztion from wbpcb

FORM 10
[See Rule 19 (1)]

MANIFEST FOR HAZARDOUS AND OTHER WASTE

1.	Sender's name and mailing address (Including Phone No. and E-mail)	ITD Cementation India Ltd
2.	Sender's Authorisation No.	
3.	Manifest Document No.	
4.	Transporter's name and address : (Including Phone No. and E-mail)	Self
5.	Type of Vehicle	TATA 407
6.	Transporter's Registration No.	Self
7.	Vehicle Registration No.	WB-
8.	Receiver's name and mailing address (Including Phone No. and E-mail)	Amit Lubricants, m.m. Road Raghunath Pmr, Dankuni, Howrah 9831785250/ramit0803@gmail.com
9.	Receiver's Authorisation No.	101/25 (HW) -3608/2019
10.	Waste Description	used oil
11.	Total Quantity No. of Containers m3 or MT Nos.
12.	Physical form	(Solid/Semi-Solid/Sludge/Orly/Tarry/Slurry/ Liquid)
13.	Special handling instructions and additional information	
14.	Sender's Certificate	I hereby declare that the contents of the consignment are full 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.
Name and Stamp : Signature :		Month Day Year 04 28 2022
15.	Transporter acknowledgment of receipt of wastes	
Name and Stamp : Signature :		Day Month Year 28 04 2022
Name and Stamp : Signature :		Day Month Year 28 04 2022

From- 10 (Manifest for hazardous and other waste)



Cement, Ready Mix & Gully

Tax Invoice
 ITD Cementation India Limited
 IWT Terminal, IWA, Haldia-West Bengal - 0420
 Adjacent To Ms UPL Limited
 Near Durga Chawk, Post Haldia District East Midnapore, Haldia
 Haldia 721602
 West Bengal India
 GSTIN: 19AAACT1426A1ZW

Work Done Period:

Sales Order/Date:

SAP Doc No. & Date:

Work Order No & Date:

Description of service:

Delivery No.:

Invoice no: WB2220000046

Invoice Date: 28.04.2022

603602484 / 20.04.2022

63012370 / 28.04.2022

SDA NO.202217 - 21.03.2022

SALE OF HAZARDOUS ITEM FROM

DM-C20164HALDIA SDA.202217 DATED

21.03.22

Transport Details

Transporter Name :

LR No.:

Vehicle No.:

Driver Name:

License No.:

Way Bill No.:

Driver Mobile No.:

961194925110

961123532074

97494925110

961123532074

97494925110

961123532074

97494925110

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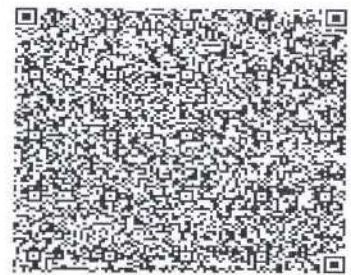
97494925110

961123532074

97494925110

961123532074

97494925110



Details of Consignee (Ship to)
 Amil Lubricants
 P.O Ragnunakher P.S Bankura Hooghly
 Mukunda nagri Road
 West Bengal, 712247
 West Bengal, India
 GSTIN No.: 19ADKPR3543A1ZL

Details of Receiver (Bill to)
 Amil Lubricants
 P.O Ragnunakher P.S Bankura Hooghly
 Mukunda nagri Road
 West Bengal, 712247
 West Bengal, India
 GSTIN No.: 19ADKPR3543A1ZL

Place Of Supply : West Bengal

IRN : 4475f83e9f8b1074502e81ef8e6c9e5304aaab5558e7cb26d0455e3d99e5

Sr. No	Material Code	Description of Goods	HSN Code	Unit	Quantity	Rate Per Unit	Value	Discount	Taxable Value	CGST	SGST/IGST	IGST
001	71020011	BIJAN OIL/WASTE OIL WITH BARREL	27109800	L	850.000	13.00	11,050.00		11,050.00	9.00	994.50	0.00
					Total		850.000		11,050.00	994.50	994.50	0.00

Total Invoice value(in figure)
 Total Invoice value (in words)
 Rupees Thirteen Thousand One Hundred Sixty Nine only
 Whether Reverse charge applicable (Y/N) N

Declaration:
 Terms and Conditions:
 Payment Details - Due Immediately
 Remarks:
 Certified that the particulars given above are true and correct.
 Prepared By: *[Signature]*

[Signature]

[Signature]

[Signature]

Tax Invoice

Annexure- 4

Ambient Air Monitoring January – June 2023



ENVIROCHECK

Recognised by MoEF&CC, WBPCB & JSPCB
Certified by ISO 9001:2015, ISO 14001:2015 & ISO 45001:2018



TEST REPORT

FORMAT NO : ENV/FM/41

Name of the Industry	: ITD Cementation India Ltd (IWL Terminal)	Type of Industry	: IWL Terminal		
Address	: IWAL, Haldia, W.B. Adjacent to M/s. UPL Ltd., Near Durgachak, P.O. – Durgachak, East Midnapore – 721602	Sampling Date	: 20.02.2023 – 21.02.2023		
		Period of Analysis	: 21.02.2023 – 21.02.2023		
		Date of Issue	: 05.02.2023		
Sampling Plan & Procedure	: ENV/SOP/01	Deviation from the Sampling Method and Plan	: No	Type of Sample	: Ambient Air
Sample Condition	: Sealed	Sample ID No.	: ENV/05A/Feb/A/I	Report No.	: ENV/19A/Feb/TR(A)/1/22-23

A] GENERAL INFORMATION

1. Location of Sampling : Near Worker's Amenitic Building
2. Duration of Sampling : 24 hrs. (10:00 a.m. – 10:00 a.m.)

B] METEOROLOGICAL INFORMATION

1. Average Temperature (°C) : 26.0
2. Average Relative Humidity (%) : 78.0
3. Barometric Pressure (mm of Hg) : 759.0
4. Smell or Odour : No Remarkable Smell
5. Weather Condition : Partly Cloudy

C] RESULTS

SL. NO.	PARAMETERS	UNIT	METHOD NO.	RESULT S	LIMIT
1.	Concentration of PM _{2.5}	µg/m ³	IS 5182 (Part 24) : 2019	56.27	60.0
2.	Concentration of PM ₁₀	µg/m ³	IS 5182 (PART 23) : 2019	91.49	100.0
3.	Concentration of SO ₂	µg/m ³	IS 5182 (Part 2) 2017 & ASTM D 2914-01, Sec. 11 (Vol. 11.07) : 2017	12.73	80.0
4.	Concentration of NO ₂	µg/m ³	IS 5182 (Part 6) 2017 & ASTM D 1607-91 : Sec. 11 (Vol. 11.07) : 2018	32.51	80.0
5.	Concentration of CO	mg/m ³	IS 5182 (Part 10) : 2019	0.32	2.0

Remarks : Limit as per National Ambient Air Quality Standards Central Pollution Control Board Notification, New Delhi, the 18th November, 2009.
: Result relates only to the sample tested.

Reviewed By :

Indrani Bhattacharya

INDRANI BHATTACHARYA
Dy. Technical Manager, Central

Authorised Signatory :

Dr. Ajoy Paul

Dr. AJOY PAUL
Quality Manager

<End of Report>

H.O. : 63/B, Rastraguru Avenue, Kolkata -700028 ■ Ph. 033 25792891/ 25497490 ■ Fax: 033 25299141
 Laboratory : 189, 190 & 192, Rastraguru Avenue, Kolkata -700028 ■ Ph. 033 25792889
 E-mail : info@envirocheck.in / envirocheck50@gmail.com ■ Website : www.envirocheck.in
 Branch Office : Siliguri ■ Haldia ■ Durgapur ■ Dhanbad ■ Gangtok ■ Port Blair ■ Dehradun ■ New Delhi
 Overseas : UAE ■ Qatar ■ Netherlands

**ENVIROCHECK**Recognised by MoEF&CC, WBPCB & JSPCB
Certified by ISO 9001:2015, ISO 14001:2015 & ISO 45001:2018**TEST REPORT**

FORMAT NO.: ENV/FM/37

Name of the Industry	: ITD Cementation India Ltd (IWL Terminal)	Type of Industry	: IWL Terminal		
Address	: IWAL, Haldia, W.B. Adjacent to M/s. UPL Ltd, Near Durgachak, P.O. - Durgachak, East Midnapore - 721602	Sampling Date	: 01.04.2023 - 02.04.2023		
		Period of Analysis	: 03.04.2023 - 03.04.2023		
		Date of Issue	: 05.04.2023		
Sampling Plan & Procedure	: ENV/SOP/01	Deviation from the Sampling Method and Plan	: No	Type of Sample	: Ambient Air
Sample Condition	: Sealed	Sample ID No.	: ENV/05A/April/A/1	Report No.	: ENV/05A/April/TR(A)/1/22-23

A] GENERAL INFORMATION

1. Location of Sampling : Near Worker's Amenitic Building
2. Duration of Sampling : 24 hrs. (10:00 a.m. - 10:00 a.m.)

B] METEOROLOGICAL INFORMATION

1. Average Temperature (°C) : 26.0
2. Average Relative Humidity (%) : 78.0
3. Barometric Pressure (mm of Hg) : 759.0
4. Smell or Odour : No Remarkable Smell
5. Weather Condition : Partly Cloudy

C] RESULTS

SL. NO.	PARAMETERS	UNIT	METHOD NO.	RESULTS	LIMIT
1.	Concentration of PM _{2.5}	µg/m ³	IS 5182 (Part 24) : 2019	56.27	60.0
2.	Concentration of PM ₁₀	µg/m ³	IS 5182 (PART 23) : 2019	91.49	100.0
3.	Concentration of SO ₂	µg/m ³	IS 5182 (Part 2) 2017 & ASTM D 2914-01, Sec. 11 (Vol. 11.07) : 2017	12.73	80.0
4.	Concentration of NO ₂	µg/m ³	IS 5182 (Part 6) 2017 & ASTM D 1607-91 : Sec. 11 (Vol. 11.07) : 2018	32.51	80.0
5.	Concentration of CO	mg/m ³	IS 5182 (Part 10) : 2019	0.32	2.0

Remarks : Limit as per National Ambient Air Quality Standards Central Pollution Control Board Notification, New Delhi, the 18th November, 2009.
: Result relates only to the sample tested.

Reviewed By :

INDRANI BHATTACHARYA
Dy. Technical Manager, Chemical

Authorised Signatory :

Dr. AJAY PAUL
Quality Manager

<End of Report>

H.O. : 63/B, Rastraguru Avenue, Kolkata -700028 ■ Ph. 033 25792891/ 25497490 ■ Fax : 033 25299141
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 E-mail : info@envirocheck.in / envirocheck50@gmail.com ■ Website : www.envirocheck.in
 Branch Office : Siliguri ■ Haldia ■ Durgapur ■ Dhanbad ■ Gangtok ■ Port Blair ■ Dehradun ■ New Delhi
 Overseas : UAE ■ Qatar ■ Netherlands



TEST REPORT

FORMAT NO : ENV/FM/49

Name of the Industry	ITD Cementation India Ltd (IWL Terminal)		Type of Industry	IWL Terminal		
Address	I WAL, Haldia, W.B. Adjacent to M/s. UPL Ltd., Near Durgachak, P.O. – Durgachak, East Midnapore – 721602		Sampling Date	21.06.2023 – 22.06.2023		
			Period of Analysis	21.06.2023 – 21.06.2023		
			Date of Issue	25.06.2023		
Sampling Plan & Procedure	ENV/SOP/01	Deviation from the Sampling Method and Plan	No	Type of Sample	Ambient Air	
Sample Condition	Sealed	Sample ID No.	ENV/05F/Jun/A/I		Report No.	ENV/17A/Jun/TR(A)/I/23-24

A] GENERAL INFORMATION

1. Location of Sampling : Near Worker's Amenitic Building
2. Duration of Sampling : 24 hrs. (10:00 a.m. – 10:00 a.m.)

B] METEOROLOGICAL INFORMATION

1. Average Temperature (°C) : 26.0
2. Average Relative Humidity (%) : 78.0
3. Barometric Pressure (mm of Hg) : 759.0
4. Smell or Odour : No Remarkable Smell
5. Weather Condition : Partly Cloudy

C] RESULTS

SL. NO.	PARAMETERS	UNIT	METHOD NO.	RESULTS	LIMIT
1.	Concentration of PM _{2.5}	µg/m ³	IS 5182 (Part 24) : 2019	56.28	60.0
2.	Concentration of PM ₁₀	µg/m ³	IS 5182 (PART 23) : 2019	91.50	100.0
3.	Concentration of SO ₂	µg/m ³	IS 5182 (Part 2) 2017 & ASTM D 2914-01, Sec. 11 (Vol. 11.07) : 2017	12.72	80.0
4.	Concentration of NO ₂	µg/m ³	IS 5182 (Part 6) 2017 & ASTM D 1607-91 : Sec. 11 (Vol. 11.07) : 2018	32.52	80.0
5.	Concentration of CO	mg/m ³	IS 5182 (Part 10) : 2019	0.31	2.0

Remarks : Limit as per National Ambient Air Quality Standards Central Pollution Control Board Notification, New Delhi, the 15th November, 2009.
Result relates only to the sample tested.

Reviewed By :

Indrani Bhattacharya

INDRANI BHATTACHARYA
Dy. Technical Manager, Chemical

Authorised Signatory :

Dr. Ajoy Paul

Dr. AJOY PAUL
Quality Manager

<End of Report>

H.O. : 63/B, Rastraguru Avenue, Kolkata -700028 • Ph. 033 25792891/ 25497490 • Fax : 033 25299141
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Branch Office : Siliguri • Haldia • Durgapur • Dhanbad • Gangtok • Port Blair • Dehradun • New Delhi
Overseas : UAE • Qatar • Netherlands



Annexure- 5

PUC Details

Form 59

[Serials 115 (2)]

Pollution Under Control Certificate

Authorised By :
Government of West Bengal

Date : **25/12/2022**
Time : **10:56:06 AM**
Validity upto : **24/12/2023**



Certificate SL No. : WB02900520004919
 Registration No. : WB2652256
 Date of Registration : 19/Dec/2012
 Month & Year of Manufacturing : November-2012
 Valid Mobile Number : *****8668
 Emission Norms : BHARAT STAGE IV
 Fuel : DIESEL
 PUC Code : WB0290052
 GSTIN : 19AGFPA4016M1Z1
 Fees : Rs.100.00(GST to be paid extra as applicable)
 MIL observation : No

Vehicle Photo with Registration plate
60 mm x 30 mm



Sr. No.	Pollutant (as applicable)	Units (as applicable)	Emission limits	Measured Value (upto 2 decimal places)
1	2	3	4	5
Idling Emissions	Carbon Monoxide (CO)	percentage (%)		
	Hydrocarbon, (THC/HC)	ppm		
High Idling emissions	CO	percentage (%)		
	RPM	RPM	2500 ± 200	
	Lambda	-	1 ± 0.03	
Smoke Density	Light absorption coefficient	1/metre	1.62	0.85

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

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

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





NOC NO175212

Application No. 1242578

WEST BENGAL POLLUTION CONTROL BOARD

Paribesh Bhawan
10A, Block-LA, Sector-III
Bidhannagar, Kolkata-700 098

Memo No. 275/353-hl-nc-r/2922Dated 12/07/2022

From :
Member Secretary,
West Bengal Pollution Control Board

To : M/S. Inland Waterways Authority of India
P-78, Garden Reach Road,
Kolkata - 700 043.

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

Ref : Your letter No. Application Dated 28/03/2022

Dear Sirs,

In response to the application for Consent to Establish (NOC) for proposed Unit of M/s Inland Waterway Authority of India

for manufacturing/storage installation Multi Modal Terminal having five(5) berths for handling of Cargos - 4.07 Million Tonnes/Year.

at Haldia, Vill. Patikhali, P.O. & P.S. Durgachak, Dist. Purba Medinipur,
Pin:- 721 802.
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.

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.

NOC NO175212

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 :

Please See Annexure.

Gross Capital Investment for the Project is Rs.4128129280/-

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

Yours faithfully,

Rasika 12/07/2022
for Member Secretary,
West Bengal Pollution Control Board

Environmental Engineer
Dated.....
West Bengal Pollution Control Board
Operation & Execution Cell

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 | |

Satya Chowdhury
Indoor Stadium
Balurchar Bandh Road
Malda-732101

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

Member Secretary,
West Bengal Pollution Control Board

Special Conditions issued for the development of Multi Modal Terminal by M/s. Inland Waterways Authority of India at Haldia, P.O. & P.S. Durgachak, District – Purba Medinipur, Pin-721602, West Bengal.

A. EMISSION :

D.G.Set – 1x160 KVA (Standby) ---to be provided with residential silencer and in-built acoustic enclosure and connected to a stack of adequate height.

B. EFFLUENT : Domestic – to be treated in proposed STP and treated water shall be reused for plantation, landscaping, flushing etc.

C. SOLID WASTE : i. Non-hazardous : to be disposed off in environment friendly manner.

ii. Hazardous : to be disposed off as per the provision of Hazardous Wastes (Management and Transboundary Movement) Rules, 2016.

D. SPECIFIC CONDITIONS:

- I. CRZ norms as laid down in CRZ Notification, 2011 should be strictly followed. Clearance from CRZ authority issued vide letter no.F.No.11-14/2017-IA-III dt. 06/11/2017 should be complied with.
- II. The terminal will have 8 nos. silos for fly ash storage, stockyards for stone aggregates, fertilisers and Edible oil/POL.
- III. No hazardous materials should be handled at the terminal.
- IV. There shall be no disposal of solid or liquid wastes on the coastal area
- V. Solid Waste Management shall be done as per the Solid Waste Management Rules, 2016.
- VI. Fly ash shall be stored in Ash Silos with dust extraction system and pneumatic conveying system shall be used for loading/unloading.
- VII. Mechanical conveying system with provision of dust collection system for loading/unloading materials from barges shall be provided.
- VIII. Vessels should not be allowed to discharge their wastewater and solid waste in river.
- IX. Emergency preparedness plan shall be prepared and should be implemented during emergency condition.
- X. Monitoring of ambient air quality shall be carried out on monthly basis as proposed in the EMP and records shall be maintained.
- XI. Adequate dust suppression and extraction system should be provided in material storage areas, material unloading and transfer points for controlling fugitive emission. Water sprinkling arrangement shall be made in the raw material stock yards and other high dust potential areas.
- XII. Further dust suppression measures shall be taken at the site like vacuum collectors at dust generation areas.
- XIII. Groundwater shall not be abstracted without obtaining prior permission of the competent authority.
- XIV. Adequate provisions should be made for harvesting rainwater. The harvested water should be used for plantation, firefighting, washing and cleaning etc.
- XV. Green belt shall be developed. At least 33% of the area should be kept for green belt development.
- XVI. Selection of appropriate species for the plantation program may be done in consultation with DFO /West Bengal Biodiversity Board. There should not be any removal/destruction of vegetative cover both at the establishment as well as the operational stage, without the permission of appropriate authority.
- XVII. No tree can be felled without prior permission from the Tree Cutting Authority constituted as per the West Bengal Trees (Protection and Conservation in Non-Forest Areas) Act, 2006 and subsequent rules.
- XVIII. The unit should strictly abide by The West Bengal Trees (Protection and Conservation in Non-Forest Areas) Rules, 2007.
- XIX. The project proponent (PP) should abide by the Solid Waste Management Rules, 2016. The PP must develop the Solid Waste Management and Disposal Scheme ensuring storage and segregation of biodegradable and non-biodegradable wastes. The solid waste is to be disposed off in consultation with concerned local body.

Rishu
12/07/2022

Environmental Engineer
W. B. Pollution Control Board
Operation & Execution Cell

Special Conditions issued for the development of Multi Modal Terminal by M/s. Inland Waterways Authority of India at Haldia, P.O. & P.S. Durgachak, District – Purba Medinipur, Pin-721602, West Bengal.

- XX. The proponent should abide by the Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016. Collection and storage of hazardous wastes during Pre-construction and Post-construction activity including operational phase should be planned properly. The expected hazardous wastes should be disposed off separately as per the Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016.
- XXI. The overall noise levels in and around the plant area shall be kept well within the standards by providing noise control measures including acoustic hoods, silencers, enclosures etc. on all sources of noise generation. The ambient noise levels should conform to the standards prescribed under EPA Rules, 1989 viz. 75 dBA (daytime) and 70 dBA (nighttime).
- XXII. Asphaltting/concreting of roads and water spray all around the stockyard and loading/unloading areas shall be carried out to control fugitive emissions.
- XXIII. Regular water sprinkling shall be carried out in critical areas prone to air pollution such as haul road, loading and unloading points, transfer points and other vulnerable areas.
- XXIV. Proper lighting and proper pathway should be constructed to ensure safe vehicular movement. Provision of separate pathway for entry and exit of vehicles should be considered. Vehicles should conform to pollution under control (PUC) norms. Proper housekeeping shall be maintained.
- XXV. Health and safety of workers should be ensured. Workers should be provided with adequate personnel protective equipment and sanitation facilities. Occupational Health Surveillance of the workers shall be done on a regular basis and records maintained as per the Factories Act.
- XXVI. Proper fire detection & protection systems to be provided to control fire and explosion hazards.
- XXVII. The implementation and monitoring of Environmental Management Plan should be carried out, as proposed.
- XXVIII. Oil Spill Disaster Contingency Plan along the entire route of operations should be prepared.
- XXIX. The construction should not obstruct the flow of the river.
- XXX. Water bodies/ponds within the project area to be preserved.
- XXXI. The green diesel generators shall be used as back-up power supply.
- XXXII. Earth protection work shall be carried out to avoid erosion of soil from the shoreline / boundary line from the land area into the marine water body. The earth work shall be undertaken with permission of the competent authorities.
- XXXIII. The ships should not discharge ballast water or any untreated sewage directly in to the river.
- XXXIV. Waste water generated from domestic activities during construction phase shall be treated in septic tank and soak pit and during operational phase shall be treated in sewage treatment plant and reused for plantation, landscaping, flushing etc.
- XXXV. The project proponent shall set up separate environmental management cell for effective implementation of the stipulated environmental safeguards.
- XXXVI. Construction activity shall be carried out strictly according to the provisions of CRZ Notification, 2011.
- XXXVII. The project proponent shall ensure that no creeks or rivers are blocked due to any activities at the project site and free flow of water is maintained.
- XXXVIII. Shoreline should not be disturbed due to dumping.
- XXXIX. Well designed drainage system shall be provided.
- XL. Earth protection work shall be carried out to avoid erosion of soil from the shoreline/boundary line from the land area into the marine water body.
- XLI. All standard safety and occupational hazard measures shall be implemented and monitored to prevent the occurrence of untoward incidents/accidents.
- XLII. The PP shall prepare operating manual in respect of all activities. It shall cover all safety & environment related issues and system. Awareness shall be created at each level of the management. All the schedules and results of environmental monitoring shall be available at the project site office.
- XLIII. All other statutory clearances should be obtained by project proponent from the competent authorities.

R. S. Saha
12/07/2022
Environmental Engineer
W. B. Pollution Control Board
Operation & Execution Cell

Special Conditions issued for the development of Multi Modal Terminal by M/s. Inland Waterways Authority of India at Haldia, P.O. & P.S. Durgachak, District – Purba Medinipur, Pin-721602, West Bengal.

- XLIV.** The project proponent shall comply with all the environmental protection measures and safeguards stated in the EMP.
- XLV.** No manufacturing activity shall be carried out in the proposed terminal.
- XLVI.** No further expansion or modifications in the project should be carried out without prior approval of the Board.
- XLVII.** The NOC is valid upto 31.03.2029 for the proposed Multi Modal Terminal Project.

R. Saha 12/07/2022

**Environmental Engineer
West Bengal Pollution Control Board**

Environmental Engineer
W. B. Pollution Control Board
Operation & Execution Cell

**Half yearly Compliance Report for CRZ Clearance for
Multi Modal Terminal at Haldia, District Purbi (East),
Medinipur, West Bengal
July- December 2022**

Compliance of conditions laid down by the MoEF&CC for granting CRZ clearance for the Haldia MMT vide Letter No. 11-14/2017-IA.III dated 06.11.2017

S.No	Conditions of CRZ	Compliance Status
Part A: Specific Conditions		
(i)	All conditions/recommendations stipulated by the West Bengal Coastal Zone Management Authority (WBCZMA) vide its letter no. 135/EN/T-II/018/2015; dated 24.01.2017 shall strictly be complied with.	Noted and Complied. Compliance report of conditions stipulated by the West Bengal Coastal Zone Management Authority for the period of July to December 2022 is enclosed as Annexure -I with this report.
(ii)	Any other clearances/ as may be applicable, under other rules/notifications/Orders issued under the provisions of EIA Notification, 2006, shall be obtained, prior to commencement of the proposed activity.	Noted. No other clearance is applicable at this stage.
(iii)	'Consent to Establish' shall be obtained from State Pollution Control Board under the Air (Prevention and Control of Pollution) Act, 1981 and the Water (Prevention and Control of Pollution) Act, 1974.	Noted and Complied. 'Consent to Establish' has been obtained from the West Bengal State Pollution Control Board under the Air (Prevention and Control of Pollution) Act, 1981 and the Water (Prevention and Control of Pollution) Act, 1974. Consent to Establish enclosed as Annexure-II
(iv)	A 2% of the cost of the project shall be apportioned for marine and coastal biodiversity protection and conservation measures, to be spent by the project proponent towards fulfilling its Corporate Environmental Responsibility (CER) during the currency of the project. Proper record and	Noted and is being complied with. In this connection, following activities or measures has been undertaken by IWAI which would contribute to the marine and coastal biodiversity protection and conservation in and around the Haldia MMT:

	account of measures taken should be maintained and should also be submitted to the CZMA every six months.	Sr. No	Environmental Protection Measures	Estimated Cost in INR
		1.	Risk assessment and disaster management plan for NW-1	69,47,425/-
		2.	Study for the effect of navigation activities on dolphin	48,30,000/-
		3.	Equipment for collection and transportation of solid and liquid waste at MMY Haldia	1,54,04,546/-
		4.	Environmental Management Plan	1,20,24,600/-
(v)	The construction in CRZ areas shall strictly in accordance with the provisions of CRZ Notification, 2011 and as amended from time to time.	Noted and is being complied with.		
(vi)	The project shall be implemented in a manner such that it is consistent with the Government of India's mission on Clean Ganga and serves as role model for Inland Water Transport.	Noted and is being complied with.		
(vii)	The project proponent shall take necessary directives from National Ganga River Basin Authority before execution of the project.	Noted and Complied. IWAI had written to NGRBA on 11.10.2017 in this matter and this was followed by reminders dated 20.09.2018 and 20.02.2019, but there has been no response from the NGRBA so far. It may, therefore, be presumed that NGRBA has no comments/instructions to offer in this regard.		
(viii)	The project proponent shall commission a study on Gangetic Dolphin habitats and formulate road map for its conservation within a time	Noted and Complied. A consultancy study on the effect of navigational activities on Dolphins in the National Waterway-1 has been commissioned on 20 th December,		

	bound manner not exceeding two years.	2017. The study was concluded on September 2020. All the recommendation of the study are under consideration. Vessels operators will be sensitized continuously to take the measures suggested in the study to minimize or the negative effect of navigation on the Gangetic Dolphin Habitat.
(ix)	The project proponent shall ensure that restoration plan for mudflat (in and around the vicinity of the project areas) is developed with specific focus on waders and other migratory species during the course of development of the project itself. Non vegetated mudflats shall be maintained as it is and no mangrove afforestation should be undertaken on the same.	Noted. There is no such existence of mangroves, invertebrate communities like juvenile shore crabs, common periwinkle, salt marsh birds, migratory species etc. in the mudflat area.
(x)	A robust scientific study on data of fish fauna available in the Ganges shall be carried out from an institute of national repute and report submitted within one year to the Regional office of the Ministry and the Ganga Basin Authority.	Noted and Complied. A study on the "Impact assessment of coal transportation through barges along the National Waterway No. 1 (Sagar to Farakka) along river Ganga by ICAR-CIFRI, Kolkata was commissioned by NTPC. This study included the data on fish fauna, abiotic and biotic components, impacts on livelihood of fishermen etc. A copy of the study report was enclosed with the half yearly CRZ compliance report for the period of January-June 2018. Copy of this report was also submitted to NGRBA vide letter No. IWAI/WB/NW-1/10/3/(13)/2015 dated 11.10.2017. A copy of the report was sent to MoEF & CC on 16.01.17 by NTPC.
(xi)	The project proponent shall ensure that implementation of	Noted and being complied with.

	the Oil Spill Contingency Plan is regularly monitored and observations documented and submitted to the concerned authority of the State Government.	
(xii)	Surface water contamination shall be monitored periodically in order to prevent contamination of run-off water getting mixed of contaminated run-off with river. The monitoring results shall be submitted periodically to the State pollution control Board and the regional office of the Ministry.	Noted. Since the major construction activities are completed and the terminal is not in the operation phase, so there is no generation of wastewater. During the operation phase waste water will be treated at sewage treatment plant installed at terminal site and treated water will be used for flushing and gardening purpose. Surface water Monitoring Report is attached as Annexure-III
(xiii)	In order to ensure that the fishing community are not disturbed during their fishing course of activity, the project proponent shall ensure that barge movement shall be restricted to channel area only and the speed of barges are efficiently regulated.	Noted for compliance at the operational stage of the terminal when this condition is applicable.
(xiv)	The project proponent shall provide arrangement for Fish Drying beds with prior consultation with the fishing community. In addition, the project; proponent shall ensure rehabilitation and resettlement of the fishermen communities in the event the project impacts existing livelihood pattern of these communities.	Noted. As per ESIA study carried out for the project, no fishing community is affected, as the Haldia Dock Complex, the site of the project, is a restricted area and no fishing hamlet/ fishing activity within the shore of the river abutting the complex is permitted.
(xv)	There shall be no disposal of solid or liquid wastes on the coastal area. Solid waste management shall be as per Solid Wastes Management	Noted and being complied with. Details submitted to the Ministry of Environment, Forest & Climate Change and West Bengal Coastal Zone Management Authority along

	Rules, 2016. A team comprising of members of the WBCZMA and others with expertise in the subject shall visit the project site periodically during the construction phase to supervise and suggest additional measures if desired.	with Half yearly compliance dated 01.11.2018.
(xvi)	Status of implementation of the specific and general conditions prescribed in the recommendations made by the west Bengal coastal Zone management Authority shall be submitted to all concerned agencies including regional office of the Ministry of Environment Forest and Climate Change.	Noted and is being complied with.
(xvii)	There shall be no dressing or-alteration of the landscape sand dunes, natural features including changes for beautification, recreation and other such purpose.	Noted and is being complied with.
(xviii)	All waste (liquid and solid) arising from the proposed development will be disposed off as per the norms prescribed by Central/State Pollution Control Board. There shall not be any disposal of untreated effluent in to the sea/coastal water bodies.	Noted and is being complied with.
(xix)	Soil and ground water sample shall be regularly collected from the project site and tested from an NABL accredited laboratory to ascertain that there are no threats to ground water quality by leaching of heavy metals and other toxic contaminants. In case, contamination is observed, immediate remedial action shall be undertaken and	Noted.

	the concerned agency in the State Government shall be informed.	
(xx)	Disposal of muck during construction phase should not create any adverse effect on the neighboring communities and be disposed taking the necessary precautions for general safety and health aspects of people, one in approved sites with the approval of competent authority.	Noted and being complied with. During July to December 2022 there was no disposal of muck. Earlier agreement with the gram panchayat was obtained for the disposal site and muck was disposed at the safe site accordingly.
(xxi)	Any hazardous waste generated during construction phase, should be disposed of as per applicable rules and norms with necessary approvals of the State Pollution Control Board, as may be applicable.	There is no waste oil present at the site. vendor details are enclosed as Annexure-VI
S.No	Conditions of CRZ	Compliance Status / Remarks
Part B: General Conditions		
(i)	Adequate provision for infrastructure facilities including water supply, fuel and sanitation must be ensured for construction workers during the construction phase of the project to avoid any damage to the environment.	Noted and Complied. The EPC contractor of the project provided the labour colony with all required infrastructure facilities such as water supply, fuel and sanitation and has also taken all the precautionary measures to avoid any damage to the environment.
(ii)	Full support shall be extended to the officers of this Ministry/Regional Office by the project proponent during inspection of the project for monitoring purposes by furnishing full details and action plan including action taken reports in respect of mitigation measures and other environmental protection activities.	Noted.

(iii)	A six-monthly monitoring report shall be submitted by the project proponents to the Regional Office of this Ministry regarding the implementation of the stipulated conditions.	Being complied with.
(iv)	The Ministry of Environment, Forest & Climate Change or any other competent authority may stipulate any additional conditions or modify the existing ones, if necessary, in the interest of environment and the same shall be complied with.	Noted.
(v)	The Ministry reserves the right to revoke this clearance if any of the conditions stipulated are not complied with to the satisfaction of the Ministry.	Noted.
(vi)	In the event of a change in project profile or change in the implementation agency, a fresh reference shall be made to the Ministry.	Noted.
(viii)	A copy of the clearance letter shall be marked to concerned Panchayat/ local NGO, if any, from whom any suggestion/ representation has been made received while processing the proposal.	Noted and Complied. Details submitted to Ministry of Environment, Forest & Climate Change and West Bengal Coastal Zone Management Authority along with half yearly compliance dated 01.11.2018.
(ix)	A copy of the CRZ Clearance letter shall also be displayed on the website of the concerned State Pollution Control Board. The Clearance letter shall also be displayed at the Regional Office, District Industries center and Collector's Office/Tehsildar's Office for 30 days.	Noted and Complied. Details submitted to Ministry of Environment, Forest & Climate Change and West Bengal Coastal Zone Management Authority along with half yearly compliance dated 01.11.2018.

List of Annexure

S. No.	Details	Annexure No.
1.	Compliance of the conditions/ recommendations stipulated by West Bengal Coastal Zone Management Authority (WBCZMA)	ANNEXURE-I
2.	Consent to Establish from west Bengal pollution control board of the Multi Model Terminal	ANNEXURE-II
3.	Test Report of Surface water quality	ANNEXURE-III
4.	Test Report of Ambient Noise Monitoring	ANNEXURE-IV
5.	Test Report of Ambient Air Monitoring	ANNEXURE-V
6.	Authorization and manifest for Hazardous waste disposal	ANNEXURE-VI
7.	PUC details	ANNEXURE-VII

ANNEXURE-I

**Compliance of the conditions/recommendations
stipulated by the West Bengal State Coastal Zone
Management Authority (WBSCZMA)**

July- December 2022

Compliance of the conditions/recommendations stipulated by the West Bengal State Coastal Zone Management Authority (WBSCZMA) vide its letter no. 135/EN/T-II/018/2015, dated 24.01.2017.

S.No	Conditions	Compliance
Part A: Specific Conditions of WBSCZMA		
(i)	CRZ norms as laid down in CRZ Notification, 2011 should be strictly followed.	Noted and is being complied with.
(ii)	The built-up area as proposed should be strictly adhered to.	Noted and is being complied with.
(iii)	Noise and vibration during construction should be minimized through good working practices and management of working hours.	<p>The following measures have been taken to minimise the noise and vibration during construction stage:</p> <ul style="list-style-type: none"> • Restriction of high noise generating activity between 6.00 AM to 10:00 PM. • Barricading (temporary noise barrier) the construction site to minimize the noise level outside the site boundary. • Noise monitoring is being carried out in different project locations has revealed that it is within the permissible limit. <p>Test report of noise monitoring is enclosed</p>
(iv)	The structures created under this project should be able to withstand cyclonic storm that is likely to strike the coast once in 20 years interval. The project proponent should get the plan certified by a competent architect regarding its structural stability.	The structural design of the terminal regarding its stability to withstand cyclonic storms has been got vetted and certified from IIT Kharagpur.
(v)	Extraction of sand, levelling or digging of sandy stretches except for structural formation should not be done under any circumstance.	Noted and is being complied with.
(vi)	No dredging should be done during Hilsa breeding season.	Noted and is being complied with.
(vii)	Oil Spill Disaster Contingency Plan along the entire route of operations approved by Indian Coast Guard should be submitted prior to commencement of cargo handling and despatch.	Noted.
(viii)	The vessels using the facility should have proper safeguard for protection of wildlife such as dolphin etc. from damage by propeller.	No such big vessels having propeller are being used in construction activity, which may cause any damage to aquatic Wildlife.

(ix)	Study of the siltation rate is to be submitted to the Authority from time to time.	Noted.
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PART- B: GENERAL CONDITION

S.No	Conditions	Compliance
Part B: General Conditions of WBSCZMA		
(i)	Liquid waste if any, from this area will not be allowed to drain directly into the river.	Noted and is being complied with.
(ii)	During loading and unloading of cargo strict vigilance should be done to avoid spillage directly on river water.	Noted and will be complied with.
(iii)	The Proponent should abide by the Municipal Solid Waste (Management & Handling) Rules, 2000. The Proponent must develop the solid waste management and disposal scheme ensuring storage and segregation of bio-degradable and non-biodegradable wastes. The solid wastes to be composted and used as manure.	Noted and being complied with. Solid waste is collected in colour coded waste bins at the labour colony and construction site and disposed as per the rules.
(iv)	Adequate provision for the infrastructure facilities including water supply and sanitation may be ensured for the labourers during the construction period in order to avoid damage to the surrounding environment.	The EPC contractor of the project has provided the labour colony with all required infrastructure facilities such as drinking water, proper labor accommodation, toilet facilities, Provision of First Aid Centre, Fire Extinguishers and has also taken all the precautionary measures to avoid any damage to the environment. Potable water quality is tested on a monthly basis by a NABL accredited laboratory.
(v)	Construction materials and wastes including hazardous substances such as oil, if any, should not be allowed to pollute the surrounding land or aquatic environment as the case may be and should be disposed of as per prevalent rule.	Being complied with. Construction wastes are stored at demarcated locations at the site. There is no waste oil present at site.
(vi)	The noise level and the suspended particulate matters should be kept within permissible levels at the time of establishments as well as operations.	Noise Monitoring and Ambient Air Monitoring has been carried out as per monitoring plan and found within permissible limit. Dedicated Tanker has been deployed for frequent Water sprinkling.
(vii)	There should not be any removal of vegetative cover both at the establishment as well as operation	Noted and is being complied with. Permission from the Divisional Forest Office, Purba Medinipur, West Bengal

	stage, without the sanction of appropriate authority.	for tree cutting has been obtained. Details of the same has been provided with earlier compliances.
(viii)	The ships should not discharge ballast water or any untreated sewage directly into the river.	Noted. Zero discharge vessels have been designed for manufacture and deployment in NW-1. Untreated sewage will be collected at the waste reception facility being installed at the terminal for treatment in STP.
(ix)	This CRZ clearance accorded to the project shall remain valid for a period of 5 years from the date of its issue.	Noted.
(x)	The project proponent shall submit half yearly compliance report in respect of stipulated terms and conditions in hard and soft copies on 1 st June and 31 st December of each calendar year.	Being complied with.
(xi)	The WBSCZMA may monitor the implementation of the project at any stage. For all activities the authorized member of West Bengal State Coastal Zone Management Authority will have the power to inspect the sites to enforce conditions imposed by the state authority. The Authority reserves the right to add additional safeguard measures subsequently if found necessary.	Noted.



NOC NO175212

Application No. 1242578

WEST BENGAL POLLUTION CONTROL BOARD

Paribesh Bhawan
10A, Block-LA, Sector-III
Bidhannagar, Kolkata-700 098

Memo No. 275/353-hl-nc-r/2922Dated 12/07/2022

From :
Member Secretary,
West Bengal Pollution Control Board

To : M/S. Inland Waterways Authority of India
P-78, Garden Reach Road,
Kolkata - 700 043.

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

Ref : Your letter No. Application Dated 28/03/2022

Dear Sirs,

In response to the application for Consent to Establish (NOC) for proposed Unit of M/s Inland Waterway Authority of India

for manufacturing/storage installation Multi Modal Terminal having five(5) berths for handling of Cargos - 4.07 Million Tonnes/Year.

at Haldia, Vill. Patikhali, P.O. & P.S. Durgachak, Dist. Purba Medinipur,
Pin:- 721 802.
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.

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.

NOC NO175212

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 :

Please See Annexure.

Gross Capital Investment for the Project is Rs.4128129280/-

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

Yours faithfully,

Rasika 12/07/2022
for Member Secretary,
West Bengal Pollution Control Board

Environmental Engineer
Dated.....
W. B. Pollution Control Board
Operation & Execution Cell

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 | |

Satya Chowdhury
Indoor Stadium
Balurchar Bandh Road
Malda-732101

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

Member Secretary,
West Bengal Pollution Control Board

Special Conditions issued for the development of Multi Modal Terminal by M/s. Inland Waterways Authority of India at Haldia, P.O. & P.S. Durgachak, District – Purba Medinipur, Pin-721602, West Bengal.

A. EMISSION :

D.G.Set – 1x160 KVA (Standby) ---to be provided with residential silencer and in-built acoustic enclosure and connected to a stack of adequate height.

B. EFFLUENT : Domestic – to be treated in proposed STP and treated water shall be reused for plantation, landscaping, flushing etc.

C. SOLID WASTE : i. Non-hazardous : to be disposed off in environment friendly manner.

ii. Hazardous : to be disposed off as per the provision of Hazardous Wastes (Management and Transboundary Movement) Rules, 2016.

D. SPECIFIC CONDITIONS:

- I. CRZ norms as laid down in CRZ Notification, 2011 should be strictly followed. Clearance from CRZ authority issued vide letter no.F.No.11-14/2017-IA-III dt. 06/11/2017 should be complied with.
- II. The terminal will have 8 nos. silos for fly ash storage, stockyards for stone aggregates, fertilisers and Edible oil/POL.
- III. No hazardous materials should be handled at the terminal.
- IV. There shall be no disposal of solid or liquid wastes on the coastal area
- V. Solid Waste Management shall be done as per the Solid Waste Management Rules, 2016.
- VI. Fly ash shall be stored in Ash Silos with dust extraction system and pneumatic conveying system shall be used for loading/unloading.
- VII. Mechanical conveying system with provision of dust collection system for loading/unloading materials from barges shall be provided.
- VIII. Vessels should not be allowed to discharge their wastewater and solid waste in river.
- IX. Emergency preparedness plan shall be prepared and should be implemented during emergency condition.
- X. Monitoring of ambient air quality shall be carried out on monthly basis as proposed in the EMP and records shall be maintained.
- XI. Adequate dust suppression and extraction system should be provided in material storage areas, material unloading and transfer points for controlling fugitive emission. Water sprinkling arrangement shall be made in the raw material stock yards and other high dust potential areas.
- XII. Further dust suppression measures shall be taken at the site like vacuum collectors at dust generation areas.
- XIII. Groundwater shall not be abstracted without obtaining prior permission of the competent authority.
- XIV. Adequate provisions should be made for harvesting rainwater. The harvested water should be used for plantation, firefighting, washing and cleaning etc.
- XV. Green belt shall be developed. At least 33% of the area should be kept for green belt development.
- XVI. Selection of appropriate species for the plantation program may be done in consultation with DFO /West Bengal Biodiversity Board. There should not be any removal/destruction of vegetative cover both at the establishment as well as the operational stage, without the permission of appropriate authority.
- XVII. No tree can be felled without prior permission from the Tree Cutting Authority constituted as per the West Bengal Trees (Protection and Conservation in Non-Forest Areas) Act, 2006 and subsequent rules.
- XVIII. The unit should strictly abide by The West Bengal Trees (Protection and Conservation in Non-Forest Areas) Rules, 2007.
- XIX. The project proponent (PP) should abide by the Solid Waste Management Rules, 2016. The PP must develop the Solid Waste Management and Disposal Scheme ensuring storage and segregation of biodegradable and non-biodegradable wastes. The solid waste is to be disposed off in consultation with concerned local body.

Rishu
12/07/2022

Environmental Engineer
W. B. Pollution Control Board
Operation & Execution Cell

Special Conditions issued for the development of Multi Modal Terminal by M/s. Inland Waterways Authority of India at Haldia, P.O. & P.S. Durgachak, District – Purba Medinipur, Pin-721602, West Bengal.

- XX. The proponent should abide by the Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016. Collection and storage of hazardous wastes during Pre-construction and Post-construction activity including operational phase should be planned properly. The expected hazardous wastes should be disposed off separately as per the Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016.
- XXI. The overall noise levels in and around the plant area shall be kept well within the standards by providing noise control measures including acoustic hoods, silencers, enclosures etc. on all sources of noise generation. The ambient noise levels should conform to the standards prescribed under EPA Rules, 1989 viz. 75 dBA (daytime) and 70 dBA (nighttime).
- XXII. Asphaltting/concreting of roads and water spray all around the stockyard and loading/unloading areas shall be carried out to control fugitive emissions.
- XXIII. Regular water sprinkling shall be carried out in critical areas prone to air pollution such as haul road, loading and unloading points, transfer points and other vulnerable areas.
- XXIV. Proper lighting and proper pathway should be constructed to ensure safe vehicular movement. Provision of separate pathway for entry and exit of vehicles should be considered. Vehicles should conform to pollution under control (PUC) norms. Proper housekeeping shall be maintained.
- XXV. Health and safety of workers should be ensured. Workers should be provided with adequate personnel protective equipment and sanitation facilities. Occupational Health Surveillance of the workers shall be done on a regular basis and records maintained as per the Factories Act.
- XXVI. Proper fire detection & protection systems to be provided to control fire and explosion hazards.
- XXVII. The implementation and monitoring of Environmental Management Plan should be carried out, as proposed.
- XXVIII. Oil Spill Disaster Contingency Plan along the entire route of operations should be prepared.
- XXIX. The construction should not obstruct the flow of the river.
- XXX. Water bodies/ponds within the project area to be preserved.
- XXXI. The green diesel generators shall be used as back-up power supply.
- XXXII. Earth protection work shall be carried out to avoid erosion of soil from the shoreline / boundary line from the land area into the marine water body. The earth work shall be undertaken with permission of the competent authorities.
- XXXIII. The ships should not discharge ballast water or any untreated sewage directly in to the river.
- XXXIV. Waste water generated from domestic activities during construction phase shall be treated in septic tank and soak pit and during operational phase shall be treated in sewage treatment plant and reused for plantation, landscaping, flushing etc.
- XXXV. The project proponent shall set up separate environmental management cell for effective implementation of the stipulated environmental safeguards.
- XXXVI. Construction activity shall be carried out strictly according to the provisions of CRZ Notification, 2011.
- XXXVII. The project proponent shall ensure that no creeks or rivers are blocked due to any activities at the project site and free flow of water is maintained.
- XXXVIII. Shoreline should not be disturbed due to dumping.
- XXXIX. Well designed drainage system shall be provided.
- XL. Earth protection work shall be carried out to avoid erosion of soil from the shoreline/boundary line from the land area into the marine water body.
- XLI. All standard safety and occupational hazard measures shall be implemented and monitored to prevent the occurrence of untoward incidents/accidents.
- XLII. The PP shall prepare operating manual in respect of all activities. It shall cover all safety & environment related issues and system. Awareness shall be created at each level of the management. All the schedules and results of environmental monitoring shall be available at the project site office.
- XLIII. All other statutory clearances should be obtained by project proponent from the competent authorities.

R. S. Saha
12/07/2022
Environmental Engineer
W. B. Pollution Control Board
Operation & Execution Cell

Special Conditions issued for the development of Multi Modal Terminal by M/s. Inland Waterways Authority of India at Haldia, P.O. & P.S. Durgachak, District – Purba Medinipur, Pin-721602, West Bengal.

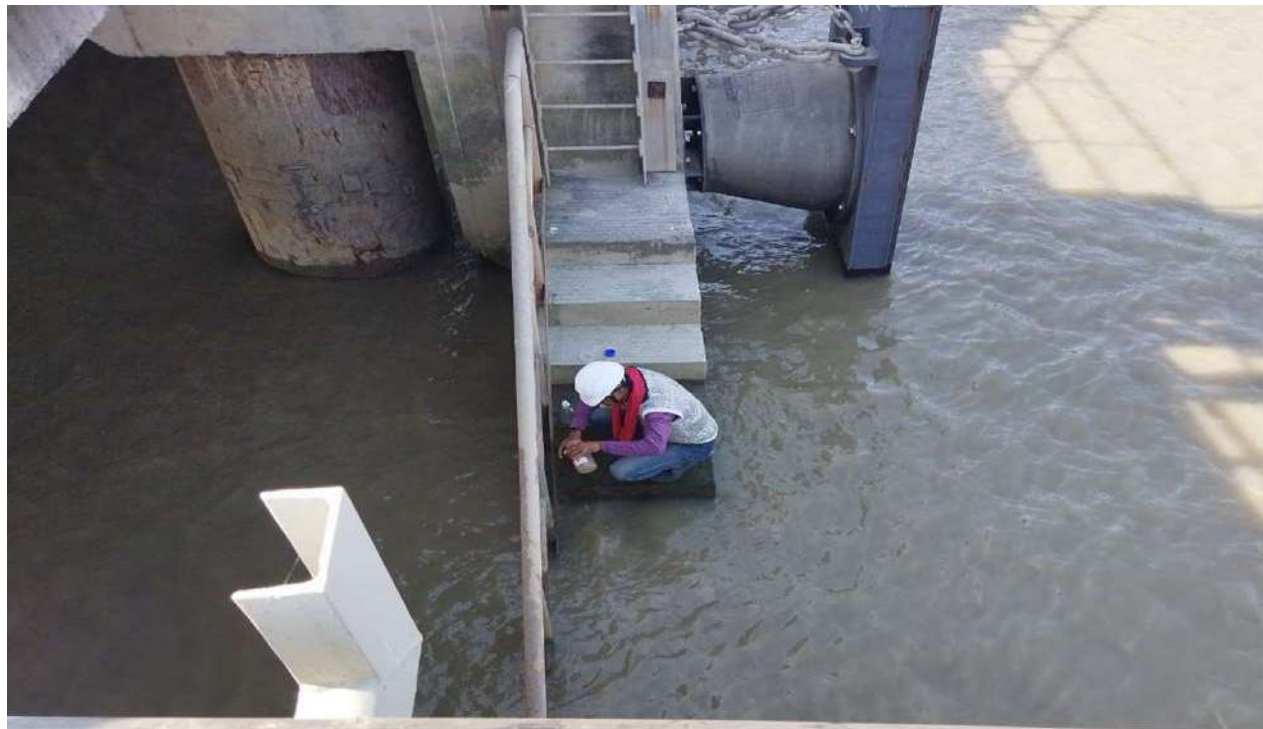
- XLIV.** The project proponent shall comply with all the environmental protection measures and safeguards stated in the EMP.
- XLV.** No manufacturing activity shall be carried out in the proposed terminal.
- XLVI.** No further expansion or modifications in the project should be carried out without prior approval of the Board.
- XLVII.** The NOC is valid upto 31.03.2029 for the proposed Multi Modal Terminal Project.

Ratna 12/07/2022

**Environmental Engineer
West Bengal Pollution Control Board**

Environmental Engineer
W. B. Pollution Control Board
Operation & Execution Cell

Annexure- III
Surface Water Monitoring



Up Stream



Down stream



YUGANTAR BHARATI ANALYTICAL & ENVIRONMENTAL ENGINEERING LABORATORY

Accredited by :- NABL accredited testing laboratory vide certificate Number TC-4032
Jharkhand State Pollution Control Board (JSPCB)
Certified by :- ISO 9001:2015 & ISO 45001:2018



TC-4032



Test Certificate

ULR (Unique Lab Report) No.		T C 4 0 3 2 2 2 0 0 0 0 0 1 9 5 7 F													
Discipline	Chemical	Group	Water	Sample Description	Surface Water										
Report Release Date	29 th November, 2022			Report ID	YBAEEL-221125-152726-SW01										
W. Order/ JSPCB App. No.	Via- E-mail			Work Order Date	25.11.2022										
Type of Industry (if any)	N/A			Job code/ Ref. no.	YBAEEL/WA/L/C/Nov.-22/08										
Report issue to	M/s ITD Cementation India Ltd. IWT Terminal, IWAJ, Haldia, West Bengal, Adjacent to M/s UPL Limited, Durgachowk, Haldia, purba medinipur, Pin -721602														
Sample Received Date	25/11/2022		Mode of sample collection	By Pollution & Project Consultants											
Sampling Protocol	N/A		Sample Code	251125-SW-KL01											
Sampling Location	Approach1 (Upstream)		Sampling Source	Surface Water											
Sample pkg. Condition	Sealed Pack in PP Bottle		Sample Quantity	3000 ml											
Meteorological Cond. of Field	W.C.- N/A		RH % - N/A	Temp. - N/A											
Sample receipt Date	25/11/2022	Analysis Started on	25/11/2022	Analysis completed on	29/11/2022										

*****Test Results*****

Sl	Parameter	Test Method	Units	MU %	Results
1.	pH value	IS 3025 (P-11):2002	pH	1.77	7.86
2.	Colour	IS 3025 (P-04):1983	Hazen	--	15
3.	Oxygen (dissolved)	IS 3025 (P-38):2003	mg/l	6.5	7.7
4.	BOD	IS 3025 (P-44):2009	mg/l	11.04	2.2
5.	Fluoride (as F-)	APHA 4500 F-C 23 rd edition 2017	mg/l	12.22	0.6

*****End of report*****

Limit is specified as
Abbreviation	MDL : Minimum detection limit, BDL : Below detection limit.
Env. Condition of Lab	Laboratory is maintaining, Temperature 27 ± 2°C and Relative Humidity 65 ± 5% in all testing areas as per IS 196:1986 (C).
Specific contractual notes	All values are expressed in as unit and results listed refer only to the tested sample and applicable parameter in Lab's Permanent Facility This report, in full or in part, shall not be used for advertising or as evidence in any court of law. This report cannot be reproduced, except when in full, without the written permission of the CEO. The samples collected shall be destroyed after 15 days from the date of issue of the certificate unless specified otherwise The liability of the laboratory is limited to the invoiced amount. All disputes are subjected to the Ranchi Jurisdiction.
Remarks

Sample Drawn By - Pollution & Project Consultants
Tested By - Satyam Kumar (Lab Analyst)

 29.11.2022 Verified by Shivani Kumari Singh Authorized Signatory	 29/11/22 Issued by Umesh Das Authorized Signatory
-------------------------------------------------------------------------------	----------------------------------------------------------------



Branch Office :- Jamshedpur Dhanbad Hazaribag Pakur

Main Office : Namkum Post Office, Sidroul, Ranchi - 834010, Jharkhand
Ph : 098351-97960, 098357-86677, Email - ybaeel@gmail.com, Web - https://ybaeel.in





YUGANTAR BHARATI ANALYTICAL & ENVIRONMENTAL ENGINEERING LABORATORY



Accredited by :- NABL accredited testing laboratory vide certificate Number TC-4032
Jharkhand State Pollution Control Board (JSPCB)
Certified by :- ISO 9001:2015 & ISO 45001:2018



Test Certificate

ULR (Unique Lab Report) No.		T C 4 0 3 2 2 2 0 0 0 0 0 1 9 6 2 F									
Discipline	Biological	Group	Water		Sample Description	Surface Water					
Report Release Date	29 th November, 2022				Report ID	YBAEEL-221125-152726-SW02					
W. Order/ JSPCB App. No.	Via- E-mail				Work Order Date	25.11.2022					
Type of Industry (if any)	N/A				Job code/ Ref. no.	YBAEEL/WA/L/M/Nov-22/08					
Report issue to	M/s ITD Cementation India Ltd. IWT Terminal, IWAI, Haldia, West Bengal, Adjacent to M/s UPL Limited, Durgachowk, Haldia, purba medinipur, Pin -721602										
Sample Received Date	25/11/2022			Mode of sample collection	By Pollution & Project Consultants						
Sampling Protocol	N/A			Sample Code	251125-SW-KL02						
Sampling Location	Approach 4 (Downstream)			Sampling Source	Surface Water						
Sample pkg. Condition	Sealed Pack in PP Bottle			Sample Quantity	250 ml						
Metacological Cond. of Field	W.C.- N/A			RH % - N/A	Temp. - N/A						
Sample receipt Date	25/11/2022		Analysis Started on	25/11/2022		Analysis completed on	29/11/2022				

*****Test Results*****

Sl	Parameter	Test Method	Units	Results
1.	Total coliform	APHA 9221B 23 rd Edition 2017	MPN/100 ml	>1600

*****End of Report*****

Limit is specified as	*****
Abbreviation	MDL : Minimum detection limit, EDL : Below detection limit. <1.8 / < 1.1 MPN/100 ml denotes that the presence probability of bacteria is absent in the tested sample.
Env. Condition of Lab	Laboratory is maintaining Temperature 27 ± 2°C and Relative Humidity 65 ± 5% in all testing areas as per IS 1988 (C).
Specific contractual notes	All values are expressed in as unit and results listed refer only to the tested sample and applicable parameter in Lab's Permanent Facility. This report, in full or in part, shall not be used for advertising or as evidence in any court of law. This report cannot be reproduced, except when in full, without the written permission of the CEO. The samples collected shall be destroyed after 7 days from the date of issue of the certificate unless specified otherwise. The liability of the laboratory is limited to the invoiced amount. All disputes are subjected to the Ranchi Jurisdiction.
Remarks	*****

Sample Drawn By - Pollution & Project Consultants

 Tested by Madhuri Sinha (Lab Analyst)	 Verified & Issued by Mukesh Kumar Authorized Signatory
-------------------------------------------------	------------------------------------------------------------------

Authorized Signatory
Microbiological Section
Yugantar Bharati Analytical &
Environmental Engineering Laboratory



Branch Office :- Jamshedpur Dhanbad Hazaribag Pakur

Main Office : Namkum Post Office, Sidroul, Ranchi - 834010, Jharkhand
Ph : 098351-97960, 098357-86677, Email - ybaeel@gmail.com, Web - https://ybaeel.in



Annexure- IV

Noise Monitoring Report – July 2022



ENVIROCHECK

Recognised by MoEF&CC, WBPCB & JSPCB
Accredited by NABL (ISO/IEC 17025:2017)
Certified by ISO 9001:2015, ISO 14001:2015 & ISO 45001 : 2018



ACCREDITED
Management System
Certification Body
NABL (ISO/IEC 17025)
ISO 45001:2018

FORMAT NO.: ENV/FM/58

TEST REPORT

1.	Name of the Industry / Project	: ITD Cementation India Limited
2.	Address	: IWT Terminal, IWAI, Near Durgachak, Haldia, District – East Medinipore, Pin - 721602
3.	Type of Industry	: Multi Modal IWT Terminal
4.	Sampling Plan & Procedure	: ENV/SOP/01
5.	Deviation from the Sampling Method & Plan	: No
6.	Type of Sample	: Noise
7.	Sample ID	: ENV/155/July/N
8.	Report ID	: ENV/155/July/N/22-23
9.	Date of Study	: 29/07/2022
10.	Reporting Date	: 30/07/2022
11.	Method No.	: IS: 9989 – 1981
12.	Time of Duration of Noise	: 20 Minutes
13.	Height from Ground Level	: 4 feet
14.	Sample Monitored by	: Mr. KaushikPodder

RESULT OF NOISE LEVEL STUDY

DAY TIME			
1.	Location of Study	: SRO Area	
	Time (P.M)	Minimum dB(A)	Maximum dB(A)
	12:00 – 12:20	60.2	65.3
			Leq dB(A)
			63.46
** Mean of Leq - Equivalent to Sound Energy			
Limit in Leq dB(A)			
Category Area		Day Time dB(A)	Night Time dB(A)
A. Industrial Area		75	70
B. Commercial Area		65	55
C. Residential Area		55	45
D. Silence Zone		50	40
**Day Time is reckoned in between 6:00 A.M & 10:00 P.M		**Night Time is reckoned in between 10:00 P.M & 6:00 A.M	
(Central Pollution Control Board, Ministry of Environment & Forests Government of India) & (Department of Environment, Government of West Bengal)			
(Central Pollution Control Board, Ministry of Environment & Forests Government of India) & (Department of Environment, Government of West Bengal)			
PERMISSIBLE NOISE EXPOSURE FOR INDUSTRIAL WORKERS			
	Hours	Limit in dB(A)	
	8	90	
	4	93	
	2	96	
	1	99	
	1/2	102	
	1/4	105	
	1/8	108	
	1/16	111	
	1/32	114	
	(2 minutes or less)	-	

Reviewed By:

J. Ghosh
Dy. Quality Manager

Approved By:

Paul
Quality Manager

>End of Report<

H.O. : 63/B, Rastraguru Avenue, Kolkata - 700028 { 033-25792891/25497490, Fax : 033-25299141
Laboratory : 189,190&192 Rastraguru Avenue, Kolkata - 700028 { 033-25792889
Email : info@envirocheck.in/envirocheck50@gmail.com / Website : www.envirocheck.in
Branch Office : • Siliguri • Haldia • Durgapur • Dhanbad • Gangtok • Port Blair • Dehradun • New Delhi
Overseas : • UAE • Qatar • Netherlands

Noise Monitoring Report – August 2022



ENVIROCHECK

Recognised by MoEF&CC, WBPCB & JSPCB
 Accredited by NABL (ISO/IEC 17025:2017)
 Certified by ISO 9001:2015, ISO 14001:2015 & ISO 45001 : 2018



FORMAT NO. : ENV/FM/SS

TEST REPORT

1.	Name of the Industry / Project	: ITD Cementation India Limited
2.	Address	: IWT Terminal, IWAI, Near Durgachak, Haldia, District – East Medinipore, Pin - 721602
3.	Type of Industry	: Multi Modal IWT Terminal
4.	Sampling Plan & Procedure	: ENV/SOP/01
5.	Deviation from the Sampling Method & Plan	: No
6.	Type of Sample	: Noise
7.	Sample ID	: ENV/187/Aug./N
8.	Report ID	: ENV/187/Aug./TR(N)/22-23
9.	Date of Study	: 25/08/2022
10.	Reporting Date	: 30/08/2022
11.	Method No.	: IS: 9089 – 1981
12.	Time of Duration of Noise	: 20 Minutes
13.	Height from Ground Level	: 4 feet
14.	Sample Monitored by	: Mr. KaushikPodder

RESULT OF NOISE LEVEL STUDY

DAY TIME			
1. Location of Study	Time (P.M)	Minimum dB(A)	Maximum dB(A)
	12:00 – 12:20	51.4	55.0
Leq dB(A)			
			53.56

** Mean of Leq - Equivalent to Sound Energy

Limit in Leq dB(A)			
Category Area	Day Time dB(A)	Night Time dB(A)	
A. Industrial Area	75	70	
B. Commercial Area	65	55	
C. Residential Area	55	45	
D. Silence Zone	50	40	

**Day Time is reckoned in between 6:00 A.M & 10:00 P.M

**Night Time is reckoned in between 10:00 P.M & 6:00 A.M

(Central Pollution Control Board, Ministry of Environment & Forests Government of India) &
 (Department of Environment, Government of West Bengal)

(Central Pollution Control Board, Ministry of Environment & Forests Government of India) &
 (Department of Environment, Government of West Bengal)

PERMISSIBLE NOISE EXPOSURE FOR INDUSTRIAL WORKERS

Hours	Limit in dB(A)
8	90
4	93
2	96
1	99
1/2	102
1/4	105
1/8	108
1/16	111
1/32	114
(2 minutes or less)	-

Reviewed By:

Dy. Quality Manager

Approved By:

Quality Manager

>End of Report<

H.O. : 63/B, Rastraguru Avenue, Kolkata - 700028 (033-25792891/25497490, Fax : 033-25299141
 Laboratory : 189,190&192 Rastraguru Avenue, Kolkata - 700028 (033-25792889
 Email : info@envirocheck.in/envirocheck50@gmail.com / Website : www.envirocheck.in
 Branch Office : Siliguri ▪ Haldia ▪ Durgapur ▪ Dhanbad ▪ Gangtok ▪ Port Blair ▪ Dehradun ▪ New Delhi
 Overseas : ▪ UAE ▪ Qatar ▪ Netherlands

Noise Monitoring Report – September 2022



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FORMAT NO. ENV/FM/53

TEST REPORT

<ul style="list-style-type: none"> • Name of Industry : ITD Cementation India Limited • Address : IWT Terminal, IWAI, Near Durgachak, Haldia, District – East Medinipore, Pin - 721 602 • Type of Industry : Multi Modal IWT Terminal • Sampling Plan & Procedure : ENV/SOP/01 • Deviation from the Sampling Method & Plan : No • Type of Sample : Noise Level Study • Sample ID : ENV/03/Oct/N/22-23 • Date of Study : 17/10/2022 • Method No. : IS 15575 (Part 2), 2022 • Sample Monitored by : Mr. ManikSaha 	<ul style="list-style-type: none"> • Report ID : ENV/03/Oct/(TR)N/22-23 • Reporting Date : 19/10/2022 • Time of Duration of Noise : 20 Minutes • Height from Ground Level : 4 Feet.
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RESULT OF NOISE LEVEL STUDY

Sl No.	Location Name	dB (A) - (Noise Data)										Time (Hours)	Min dB (A)	Max dB (A)	L _{eq} dB (A)	Limit in LeqdB(A)
		52.5	53.6	54.7	56.0	55.5	57.4	53.3	54.5	56.2	57.1					
1.	Near Metering Room	52.5	53.6	54.7	56.0	55.5	57.4	53.3	54.5	56.2	57.1	4:00 – 4:20 PM	52.5	57.4	53.08	A. Industrial Area (Day Time – 75.0) (Night Time – 70.0) B. Commercial Area (Day Time – 65.0) (Night Time – 55.0) C. Residential Area (Day Time – 55.0) (Night Time – 45.0) D. Silent Zone (Day Time – 50.0) (Night Time – 40.0)

> End of Report <

** Mean of Leq - Equivalent to Sound Energy	** Central Pollution Control Board, Ministry of Environment & Forests Government of India & Department of Environment, Government of West Bengal **Day Time is reckoned in between 6:00 A.M & 10:00 P.M **Night Time is reckoned in between 10:00 P.M & 6:00 A.M
PERMISSIBLE NOISE EXPOSURE FOR INDUSTRIAL WORKERS / Source : The Noise Pollution (Regulation and Control) Rules, 2000	
Hours	Limit in dB(A)
8	90
4	93
2	96
1	99
1/2	102
1/4	105
1/8	108
1/16	111
1/32	114
(2 minutes or less)	-

Reviewed By :

Indrani Bhattacharya

INDRANI BHATTACHARYA
 Dy. Technical Manager, Chemical

Approved By :

Dr. AJOY PAUL

Dr. AJOY PAUL
 Quality Manager

H.O. : 63/B, Rastraguru Avenue, Kolkata -700028 ■ Ph. 033 25792891/ 25497490 ■ Fax : 033 25299141
 Laboratory : 189, 190 & 192, Rastraguru Avenue, Kolkata -700028 ■ Ph. 033 25792889
 E-mail : info@envirocheck.in / envirocheck50@gmail.com ■ Website : www.envirocheck.in
 Branch Office : Siliguri ■ Haldia ■ Durgapur ■ Dhanbad ■ Gangtok ■ Port Blair ■ Dehradun ■ New Delhi
 Overseas : UAE ■ Qatar ■ Netherlands

Noise Monitoring Report – October 2022



ENVIROCHECK

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Certified by ISO 9001:2015, ISO 14001:2015 & ISO 45001:2018



TC-6014

FORMAT NO. ENV/FM/53

TEST REPORT

• Name of Industry	:	ITD Cementation India Limited
• Address	:	IWT Terminal, IWAI, Near Durgachak, Haldia, District – East Medinipur, Pin - 721602
• Type of Industry	:	Multi Modal IWT Terminal
• Sampling Plan & Procedure	:	ENV/SOP/01
• Deviation from the Sampling Method & Plan	:	No
• Type of Sample	:	Noise Level Study
• Sample ID	:	ENV/03/Oct/N/22-23
• Date of Study	:	17/10/2022
• Method No.	:	IS 15575 (Part 2), 2022
• Sample Monitored by	:	Mr. ManikSaha

RESULT OF NOISE LEVEL STUDY

Sl. No.	Location Name	dB (A) - (Noise Data)										Time (Hours)	Min dB (A)	Max dB (A)	Leq dB (A)	Limit in LeqdB(A)
1.	Near Metering Room	52.5	53.6	54.7	56.0	55.5	57.4	53.3	54.5	56.2	57.1	4:00 – 4:20 P.M	52.5	57.4	53.08	A. Industrial Area (Day Time – 75.0) (Night Time – 70.0) B. Commercial Area (Day Time – 65.0) (Night Time – 55.0) C. Residential Area (Day Time – 55.0) (Night Time – 45.0) D. Silent Zone (Day Time – 50.0) (Night Time – 40.0)

> End of Report <

** Mean of Leq - Equivalent to Sound Energy	** Central Pollution Control Board, Ministry of Environment & Forests Government of India & Department of Environment, Government of West Bengal
	**Day Time is reckoned in between 6:00 A.M & 10:00 P.M
	**Night Time is reckoned in between 10:00 P.M & 6:00 A.M
PERMISSIBLE NOISE EXPOSURE FOR INDUSTRIAL WORKERS / Source : The Noise Pollution (Regulation and Control) Rules, 2000	
Hours	Limit in dB(A)
8	90
4	93
2	96
1	99
1/2	102
1/4	105
1/8	108
1/16	111
1/32	114
(2 minutes or less)	-

Reviewed By :

Indrani Bhattacharya

INDRANI BHATTACHARYA
Dy. Technical Manager, Chemical

Approved By :

Dr. Ajoy Paul

Dr. AJAY PAUL
Quality Manager

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Branch Office : Siliguri ■ Haldia ■ Durgapur ■ Dhanbad ■ Gangtok ■ Port Blair ■ Dehradun ■ New Delhi
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Noise Monitoring Report – November 2022



ENVIROCHECK
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FORMAT NO. ENV/FM/63

TEST REPORT

<ul style="list-style-type: none"> • Name of Industry : ITD Cementation India Limited • Address : IWT Terminal, IWA1, Near Durgachak, Haldia, District – East Medinipur, Pin - 721602 • Type of Industry : Multi Modal IWT Terminal • Sampling Plan & Procedure : ENV/SOP/01 • Deviation from the Sampling Method & Plan : No • Type of Sample : Noise Level Study • Sample ID : ENV/18/Nov/N/22-23 • Date of Study : 12/11/2022 • Method No. : IS 15575 (Part 2), 2022 • Sample Monitored by : Mr. Manik Saha 	<ul style="list-style-type: none"> • Report ID : ENV/18/Nov/(TR)N/22-23 • Reporting Date : 11/11/2022 • Time of Duration of Noise : 20 Minutes • Height from Ground Level : 4 Feet.
----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

RESULT OF NOISE LEVEL STUDY

Sl. No.	Location Name	dB (A) - (Noise Data)										Time (Hours)	Min dB (A)	Max dB (A)	L _{eq} dB (A)	Limit in LeqdB(A)
		52.3	52.6	53.7	55.0	52.5	55.4	53.3	53.5	56.2	56.1					
1.	Near Metering Room	52.3	52.6	53.7	55.0	52.5	55.4	53.3	53.5	56.2	56.1	3:00 – 3:20 P.M	52.5	57.8	53.02	A. Industrial Area (Day Time – 75.0) (Night Time – 70.0) B. Commercial Area (Day Time – 65.0) (Night Time – 55.0) C. Residential Area (Day Time – 55.0) (Night Time – 45.0) D. Sient Zone (Day Time – 60.0) (Night Time – 40.0)

> End of report <

<p>** Mean of L_{eq} - Equivalent to Sound Energy</p>	<p>** Central Pollution Control Board, Ministry of Environment & Forests Government of India & Department of Environment, Government of West Bengal)</p> <p>**Day Time is reckoned in between 6:00 A.M & 10:00 P.M</p> <p>**Night Time is reckoned in between 10:00 P.M & 6:00 A.M</p>
<p>PERMISSIBLE NOISE EXPOSURE FOR INDUSTRIAL WORKERS / Source: The Noise Pollution (Regulation and Control) Rules, 2000</p>	
<p>Hours</p> <p>8</p> <p>4</p> <p>2</p> <p>1</p> <p>1/2</p> <p>1/4</p> <p>1/8</p> <p>1/16</p> <p>1/32</p> <p>(2 minutes or less)</p>	<p>Limit in dB(A)</p> <p>90</p> <p>93</p> <p>96</p> <p>99</p> <p>102</p> <p>105</p> <p>108</p> <p>111</p> <p>114</p> <p>-</p>

Reviewed By :

Indrani Bhattacharya

INDRANI BHATTACHARYA
 Dy. Technical Manager, Chemical

Approved By :

Dr. Ajoy Paul

Dr. AJOY PAUL
 Quality Manager

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 Branch Office : Siliguri ■ Haldia ■ Durgapur ■ Dhanbad ■ Gangtok ■ Port Blair ■ Dehradun ■ New Delhi
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Noise Monitoring Photograph – July – December 2022



Annexure- V

Ambient Air Monitoring July – December 22



ENVIROCHECK

Recognised by MoEF&CC, WBPCB & JSPCB
Accredited by NABL (ISO/IEC 17025:2017)
Certified by ISO 9001:2015, ISO 14001:2015 & ISO 45001:2018



TEST REPORT

FORMAT NO.: ENV/EM/37

Name of the Industry	ITD Cementation India Ltd.	Type of Industry	Multi – Model IWT Terminal
Address	IWT Terminal, IWAI, Near Durgachak, Haldia, Dist. – Purba Medinipur, Pin – 721602	Sampling Date	25.08.2022 – 26.08.2022
		Period of Analysis	26.08.2022 – 27.08.2022
		Date of Issue	29.08.2022
Sampling Plan & Procedure	ENV/SOP/01 Deviation from the Sampling Method and Plan	No	Type of Sample Ambient Air
Sample ID No.	ENV/75/Aug./A/1	Report No.	ENV/75/Aug./TR(A)/1/22-23

A] GENERAL INFORMATION

1. Location of Sampling : Near Visitor Ammunity Buildings
2. Duration of Sampling : 24 hrs. (10:00 a.m. – 10:00 a.m.)

B] METEOROLOGICAL INFORMATION

1. Average Temperature (°C) : 30.0
2. Average Relative Humidity (%) : 74.0
3. Barometric Pressure (mm of Hg) : 757.0
4. Smell or Odour : No Remarkable Smell
5. Weather Condition : Clear

C] RESULTS

SL. NO.	PARAMETERS	UNIT	METHOD NO.	RESULTS	LIMIT
1.	Concentration of PM _{2.5}	µg/m ³	USEPA 1997 a, 40 CFR Part 50, Appendix L : 2006	51.66	60.0
2.	Concentration of PM ₁₀	µg/m ³	IS 5182 (PART 23) : 2006	82.51	100.0
3.	Concentration of SO ₂	µg/m ³	IS 5182 (Part 2) 2001 & ASTM D 2914-01 reapproved 2007: Sec. 11 (Vol. 11.07) : 2011	5.42	80.0
4.	Concentration of NO ₂	µg/m ³	IS 5182 (Part 6) 2006 & ASTM D 1607-91 reapproved 2005: Sec. 11 (Vol. 11.07) : 2011	19.97	80.0

Remarks : Limit as per National Ambient Air Quality Standards Central Pollution Control Board Notification, New Delhi, the 18th November, 2009.

Reviewed By :

DURBADAL CHAKRABORTY
Dy. Quality Manager

Approved By :

Dr. AJOY PAUL
Quality Manager

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ENVIROCHECK

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FORMAT NO. ENV/FM/53

TEST REPORT

Name of Industry	:	ITD Cementation India Limited
Address	:	IWT Terminal, IWAI, Near Durgachak, Haldia, District - East Medinipur, Pin - 721602
Type of Industry	:	Multi Modal IWT Terminal
Sampling Plan & Procedure	:	ENV/SOP/01
Deviation from the Sampling Method & Plan	:	No
Type of Sample	:	Noise Level Study
Sample ID	:	ENV/03/Oct/N/22-23
Report ID	:	ENV/03/Oct/(TR)N/22-23
Date of Study	:	17/10/2022
Reporting Date	:	19/10/2022
Method No.	:	IS 15575 (Part 2), 2022
Time of Duration of Noise	:	20 Minutes
Sample Monitored by	:	Mr. ManikSaha
Height from Ground Level	:	4 Feet.

RESULT OF NOISE LEVEL STUDY

Sl. No.	Location Name	dB (A) - (Noise Data)										Time (Hours)	Min dB (A)	Max dB (A)	Leq dB (A)	Limit in LeqdB(A)
		52.5	53.6	54.7	56.0	55.5	57.4	53.3	54.5	58.2	57.1					
1.	Near Metering Room	52.5	53.6	54.7	56.0	55.5	57.4	53.3	54.5	58.2	57.1	4.00 - 4.20 PM	52.5	57.4	53.08	A. Industrial Area (Day Time - 75.0) (Night Time - 70.0) B. Commercial Area (Day Time - 65.0) (Night Time - 55.0) C. Residential Area (Day Time - 55.0) (Night Time - 45.0) D. Silent Zone (Day Time - 50.0) (Night Time - 40.0)

> End of Report <

** Mean of Leq - Equivalent to Sound Energy	** Central Pollution Control Board, Ministry of Environment & Forests Government of India & Department of Environment, Government of West Bengal
	**Day Time is reckoned in between 6:00 A.M & 10:00 P.M
	**Night Time is reckoned in between 10:00 P.M & 6:00 A.M
PERMISSIBLE NOISE EXPOSURE FOR INDUSTRIAL WORKERS / Source : The Noise Pollution (Regulation and Control) Rules, 2000	
Hours	Limit in dB(A)
8	90
4	93
2	96
1	99
1/2	102
1/4	105
1/8	108
1/16	111
1/32	114
(2 minutes or less)	-

Reviewed By :

Indrani Bhattacharya

INDRANI BHATTACHARYA
Dy. Technical Manager, Chemical

Approved By :

Ajoy Paul

Dr. AJAY PAUL
Quality Manager

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 Branch Office : Siliguri ■ Haldia ■ Durgapur ■ Dhanbad ■ Gangtok ■ Port Blair ■ Dehradun ■ New Delhi
 Overseas : UAE ■ Qatar ■ Netherlands



Annexure- VI

Details of Waste Sales



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 wbpcriet@wbpcb.gov.in

Authorisation letter no.

Memo No. 101/2S(HW)-3608/2019

Date: 30.04.2019

FORM 2

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

Ref.: Application for fresh authorization dated 22/04/2019 for management & handling of hazardous & other waste.

M/s Amit Lubricants (Unit-2) of Mukunda Majhi Road, PO-Raghunathpur, PS-Dankuni, Dist-Hooghly, Pin-712247 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 Mukunda Majhi Road, PO-Raghunathpur, PS-Dankuni, Dist-Hooghly, Pin-712247.

Details of Authorisation

Sl. no.	Category of Hazardous Waste as per the Schedule I, II and III of these rules	Authorized mode of disposal or recycling or utilization or co-processing etc.	Quantity (ton/annum)
1	4.4, 4.5	Disposal to CHWTSDF *	0.24
2	4.1	Disposal to CHWTSDF *	0.84
3	5.1	Utilization for recovery of product	936 KLA

*For detail refer to Specific Conditions.

- (1) Authorization shall be valid for a period up to 30/04/2024 w.e.f. 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

Vender Authorization from wbpcb

FORM 10

[See Rule 19 (1)]

MANIFEST FOR HAZARDOUS AND OTHER WASTE

1.	Sender's name and mailing address (Including Phone No. and E-mail)	ITD Cementation India Ltd
2.	Sender's Authorisation No.	
3.	Manifest Document No.	
4.	Transporter's name and address : (Including Phone No. and E-mail)	Self
5.	Type of Vehicle	TATA 407
6.	Transporter's Registration No.	Self
7.	Vehicle Registration No.	WB-
8.	Receiver's name and mailing address (Including Phone No. and E-mail)	Amit Lubricants, m.m. Road Raghunathpur, Dankuni, Hooghly, 9831785250/ramit0803@gmail.com
9.	Receiver's Authorisation No.	101/25 (HW) -3608/2019
10.	Waste Description	used oil
11.	Total Quantity No. of Containers m3 or MT Nos.
12.	Physical form	(Solid/Semi-Solid/Sludge/Oily/Tarry/Slurry/ Liquid)
13.	Special handling instructions and additional information	
14.	Sender's Certificate	I hereby declare that the contents of the consignment are full 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.
Name and Stamp : Signature :		Month Day Year 04 28 2022
15.	Transporter acknowledgment of receipt of wastes	
Name and Stamp : Signature :		Day Month Year 28 04 2022 Amit Lubricants Proprietor
16.	Receiver's Certification for receipt of hazardous and other waste	
Name and Stamp : Signature :		Day Month Year 28 04 2022 Amit Lubricants Proprietor

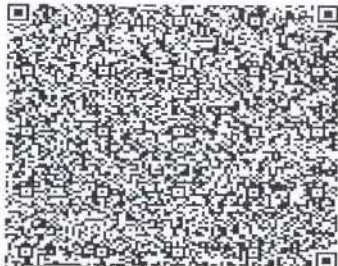
Form- 10 (Manifest for hazardous and other waste)



Cement, Ready Mix & Gully

Tax Invoice
 ITD Cementation India Limited
 IWT Terminal, IWA, Haldia-West Bengal - 0420
 Adjacent To Ms UPL Limited
 Near Durga Chawk, Post Haldia District East Midnapore, Haldia
 Haldia 721602
 West Bengal India
 GSTIN: 19AAACT1426A1ZW

Invoice no: WB2220000046
 Invoice Date: 28.04.2022



Details of Consignee (Ship to)

Amit Lubricants
 P.O Ragnunakher P.S Bankun Hojly
 Mukunda nagri Road
 West Bengal, 712247
 West Bengal, India
 GSTIN No.: 19ADKPR3543A1ZL

Details of Receiver (Bill to)

Amit Lubricants
 P.O Ragnunakher P.S Bankun Hojly
 Mukunda nagri Road
 West Bengal, 712247
 West Bengal, India
 GSTIN No.: 19ADKPR3543A1ZL

Work Done Period:
 Sales Order/Date:
 SAP Doc No. & Date:
 Work Order No & Date:
 Description of service:

6039002484 / 20.04.2022
 63012370 / 28.04.2022
 SDA NO.202217 - 21.03.2022
 SALE OF HAZARDOUS ITEM FROM
 DM-C20164HALDIA SDA.202217 DATED
 21.03.22

Transport Details
 Transporter Name:
 LR No.:
 Vehicle No.:
 Driver Name:
 License No.:
 Way Bill No.:
 Driver Mobile No.:

W319H6067

ANIL KR SAHA

WB2110090292185

361123632074

9749492510

Place Of Supply : West Bengal

IRN : 4475f83e9f8b1074502e81ef86c90e5304aaab5568e7cb26d0455e3d99e5

Sr. No	Material Code	Description of Goods	HSN Code	Unit	Quantity	Rate Per Unit	Value	Discount	Taxable Value	CGST	SGST/IGST	IGST			
001	7100011	BIJAN OIL/WASTE OIL WITH BARREL	27109800	L	850.000	13.00	11,050.00		11,050.00	9.00	994.50	9.00	994.50	18.00	0.00
Total							850.000		11,050.00		994.50		994.50		0.00

Total Invoice value(in figure)
 Total Invoice value (in words)
 Whether Reverse charge applicable (Y/N)

Rupees Thirteen Thousand One Hundred Sixty Nine only
 N

Declaration:
 Terms and Conditions
 Payment Details - Due Immediately
 Remarks:
 Certified that the particulars given above are true and correct.
 Prepared By:

[Signature]

1. Signature
 Name of the Signatory
 Designation/Status
 2. Signature
 Name of the Signatory
 Designation/Status
 3. Signature
 Name of the Signatory
 Designation/Status

Tax Invoice

Annexure- VI Details of Waste Sales

Details of Used / Waste Oil										
Sr . No.	Site	Qty (In ltrs)	Date of Disposal	Details of Vendor/ Recycler/ Preprocessor					Sale Order no. & Date	Manifest Form - 10 Available at site (Yes/No)
				Name	Location of Recycling Facility	CPCB Registration No. and period of Validity	SPCB Authorization No.	Validity period of CPCB / SPCB Authorized Recycler's		
1	42016 DM,IWAI/Haldia	3000	27.01.2020	Shruti Petrochem Industries	Vill: Lohar Heri Dist: Jhajjar, Haryana		100/2013-14/RCRR/HW/HSPCBN/ORANGE	30.06.2019 To 29.06.2024	Sales Order No : 1308 Date : 26.11.2019	Yes
<p>**We currently have 400 liters of Waste oil in our store after 27.01.20. We are disposing of it and preparing to submit the details as soon as possible.</p>										
2	42016 DM,IWAI/Haldia	850	20.04.2022	Amit Lubricants	Mukund Majhi Road, Maitypara Po- Raghunathpur P.S- Dankuni Dist- Hooghly- 712247, West Bengal	30.4.24	101/2S/(HW) 3608/2019	30.04.2019 TO 30.4.2024	30002454 Dated 20.04.22	Yes

**** We currently have not any quantity of waste oil at site.**

Annexure- VII

PUC Details

Form 59

[See rules 115 (2)]

Pollution Under Control Certificate

Authorised By :
Government of West Bengal

Date : 30/06/2022
Time : 08:51:28 AM
Validity upto : 29/06/2023



Certificate SL. No. : WB02900450007479
Registration No. : WB29A9710
Date of Registration : 29/Jun/2015
Month & Year of Manufacturing : June-2015
Valid Mobile Number : *****4125
Emission Norms : EURO 4
Fuel : PETROL
PUC Code : WB0290045
GSTIN : 19AYGPD5654D1ZI
Fees : Rs.100.00
(GST to be paid extra as applicable)
MIL observation : No

Vehicle Photo with Registration plate
60 mm x 30 mm



Sr. No.	Pollutant (as applicable)	Units (as applicable)	Emission limits	Measured Value (upto 2 decimal places)
1	2	3	4	5
Idling Emissions	Carbon Monoxide (CO)	percentage (%)	0.3	0.02
	Hydrocarbon, (THC/HC)	ppm	200.0	51.0
High idling emissions	CO	percentage (%)	0.2	0.15
	RPM	RPM	2500 ± 200	2600.0
	Lambda	-	1 ± 0.03	1.0
Smoke Density	Light absorption coefficient	1/metre		

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

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

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

Validity up to – 29.06.23

Form 59

[See rules 115 (2)]

Pollution Under Control Certificate

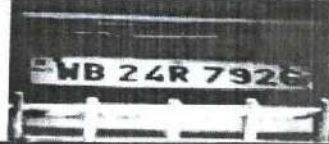
Authorised By :
Government of West Bengal

Date : 23/11/2022
Time : 12:14:16 PM
Validity upto : 22/11/2023



Certificate SL. No. : WB02900650006515
Registration No. : WB24R7926
Date of Registration : 22/Nov/2012
Month & Year of Manufacturing : November-2012
Vehic Mobile Number : *****4144
Emission Norms : BHARAT STAGE IV
Fuel : DIESEL
PUC Code : WB0290065
GSTIN : 19AYGPD5654D1ZI
Fees : Rs.100.00
(GST to be paid extra as applicable)
MIL observation : No

Vehicle Photo with Registration plate
60 mm x 30 mm



Sr. No.	Pollutant (as applicable)	Units (as applicable)	Emission limits	Measured Value (upto 2 decimal places)
1	2	3	4	5
Idling Emissions	Carbon Monoxide (CO)	percentage (%)		
	Hydrocarbon, (THC/HC)	ppm		
High idling emissions	CO	percentage (%)		
	RPM	RPM	2500 ± 200	
	Lambda	-	1 ± 0.03	
Smoke Density	Light absorption coefficient	1/metre	1.62	1.34

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

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

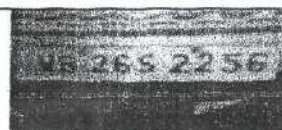
Authorised Signature with stamp of PUC operator
60mm x 20 mm



Validity up to – 22.11.2023

Form 59

[Serials 115 (2)]

Pollution Under Control CertificateAuthorised By :
Government of West BengalDate : 25/12/2022
Time : 10:56:06 AM
Validity upto : 24/12/2023Certificate SL. No. : WB02900520004919
Registration No. : WB26S2256
Date of Registration : 19/Dec/2012
Month & Year of Manufacturing : November-2012
Valid Mobile Number : *****9668
Emission Norms : BHARAT STAGE IV
Fuel : DIESEL
PUC Code : WB0290052
GSTIN : 19AGFPA4016MIZ1
Fees : Rs.100.00 (GST to be paid extra as applicable)
MIL observation : NoVehicle Photo with Registration plate
60 mm x 30 mm

Sr. No.	Pollutant (as applicable)	Units (as applicable)	Emission limits	Measured Value (upto 2 decimal places)
1	2	3	4	5
Idling Emissions	Carbon Monoxide (CO)	percentage (%)		
	Hydrocarbon, (THC/HC)	ppm		
High idling emissions	CO	percentage (%)		
	RPM	RPM	2500 ± 200	
Smoke Density	Lambda	-	1 ± 0.03	
	Light absorption coefficient	1/metre	1.62	0.85

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

Note : 1. Vehicle owners to link their mobile numbers to registered vehicle by logging to <https://vahan.parivahan.gov.in>Authorised Signature with stamp of PUC operator
60mm x 20 mm

Validity up to – 24.12.2023

Form 59

[See rules 115 (2)]

Pollution Under Control Certificate

Authorised By :
Government of West Bengal

Date : 23/11/2022
Time : 12:16:30 PM
Validity upto : 22/05/2023



Certificate Sl. No.	:	WB02900650006516
Registration No.	:	OD01P4910
Date of Registration	:	09/Nov/2016
Month & Year of Manufacturing	:	October-2016
Valid Mobile Number	:	*****6231
Emission Norms	:	BHARAT STAGE III
Fuel	:	DIESEL
PUC Code	:	WB0290065
PN	:	19AYGPD5654D1ZI
Fees	:	Rs.100.00 (GST to be paid extra as applicable)
MIL observation	:	No

Vehicle Photo with Registration plate
60 mm x 30 mm



Sr. No.	Pollutant (as applicable)	Units (as applicable)	Emission limits	Measured Value (upto 2 decimal places)
1	2	3	4	5
Idling Emissions	Carbon Monoxide (CO)	percentage (%)		
	Hydrocarbon, (THC/HC)	ppm		
High idling emissions	CO	percentage (%)		
	RPM	RPM	2500 ± 200	
	Lambda	-	1 ± 0.03	
Smoke Density	Light absorption coefficient	1/metre	2.45	1.7

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

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

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



Validity up to – 22.05.2023