



	<b>Environment Clearance Compliance Report</b>		
Project	Vashi Truck Terminal (VTT)	Date	27.12.2021

**ENVIRONMENT CLEARANCE (EC) COMPLIANCE REPORT.**

**CIDCO – PMAY Package – ii Project.**

**Project Location: Vashi Truck Terminal (VTT)**

**Date: 27.12.2021**




		<b>Environment Clearance Compliance Report</b>		 	
Project		Vashi Truck Terminal (VTT)	Date	27.12.2021	

There are Two types of condition for Environment Clearance.

1. SPECIFIC CONDITION.
2. GENERAL CONDITION.



#### **SPECIFIC CONDITION**

Sr. No	Description	Remarks
1	PP to upload the disaster management plan considering the failure of mitigation measures provided by them like effluent treatment plant, grease traps, Air cleaning system, noise barriers etc. as one of the likely disaster point.	To be address by CIDCO / AHC
2	PP to reuse the treated water for bus cleaning. Also to provide water treatment plant in project site itself.	To be address by CIDCO / AHC
3	The PP to get NOC from competent authority with reference to Thane creek flamingo sanctuary if the project site falls within 10 Km radius from the said sanctuary boundary. The planning authority to ensure fulfilment of this condition before granting CC.	To be address by CIDCO / AHC
4	PP to ensure that CER plan get approved from Municipal Commissioner/District Collector.	To be address by CIDCO / AHC
5	PP Shall comply with Standard EC conditions mentioned in the Office Memorandum issued by MoEF& CC vide F.No.22-34/20 18-IA.1II dt.04.0 1.2019.	
6	SEIAA decided to grant EC for-FSI-57748.80 m2, Non-FSI- 69516.50 m2 and Total BUA-127265.30 m2 (Plan Approval no- CIDCO/Sr. Arch.(BP-IHP)/2019/365, Date 08.08.20 19)	For Information.



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### GENERAL CONDITION.



Sr. No	Description	Remarks
1	E-waste shall be disposed through Authorized vendor as per E-waste (Management and Handling) Rules, 2016.	Shall be comply at the time of generation
2	The Occupancy Certificate shall be issued by the Local Planning Authority to the project only after ensuring sustained availability of drinking water, connectivity of sewer line to the project site and proper disposal of treated water as per environmental norms.	Post Construction stage.
3	This environmental clearance is issued subject to obtaining NOC from Forestry & Wild life angle including clearance from the standing committee of the National Board for Wild life as if applicable & this environment clearance does not necessarily implies that Forestry & Wild life clearance granted to the project which will be considered separately on merit.	To be address by AHC / CIDCO
4	PP has to abide by the conditions stipulated by SEAC& SEIAA.	
5	The height, Construction built up area of proposed construction shall be in accordance with the existing FSI/FAR norms of the urban local body & it should ensure the same along with survey number before approving layout plan & before according commencement certificate to proposed work. Plan approving authority should also ensure the zoning permissibility for the proposed project as per the approved development plan of the area.	CC received from concern authority.
6	If applicable Consent for Establishment" shall be obtained from Maharashtra Pollution Control Board under Air and Water Act and a copy shall be submitted to the Environment department before start of any construction work at the site.	CTE available
7	All required sanitary and hygienic measures should be in place before starting construction activities and to be maintained throughout the construction phase.	Necessary measures in place. Refer Annexure - 01
8	Adequate drinking water and sanitary facilities should be provided for construction workers at the site. Provision should be made for mobile toilets. The safe disposal of wastewater and solid wastes generated during the construction phase should be ensured.	Adequate provision made / provided. Refer Annexure – 02
9	The solid waste generated should be properly collected and segregated. Dry/inert solid waste should be disposed of to the approved sites for land filling after recovering recyclable material.	Solid waste collected at designated place and dispose of through authorise vendor
10	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, only in approved sites with the approval of competent authority.	Muck dispose of in designated place / plot. 7 /12 closed.
11	Arrangement shall be made that waste water and storm water do not get mixed.	
12	All the topsoil excavated during construction activities should be stored for use in horticulture / landscape development within the project site.	Followed. Refer Annexure - 03
13	Additional soil for levelling of the proposed site shall be generated within the sites (to the extent possible) so that natural drainage system of the area is protected and improved.	Earth from UGT used for foundation and levelling work.
14	Green Belt Development shall be carried out considering CPCB guidelines including selection of plant species and in consultation with the local DFO/ Agriculture Dept.	To be address by design consultant.

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15	Soil and ground water samples will be tested to ascertain that there is no threat to ground water quality by leaching of heavy metals and other toxic contaminants.	Tests are conducted and reports enclosed. Refer Annexure - <b>04</b>
16	Construction spoils, including bituminous material and other hazardous materials must not be allowed to contaminate watercourses and the dumpsites for such material must be secured so that they should not leach into the ground water.	Construction Spoils and other hazardous material collect and dispose off in proper way to avoid water contamination. Refer Annexure - <b>05</b>
17	Any hazardous waste generated during construction phase should be disposed of as per applicable rules and norms with necessary approvals of the Maharashtra Pollution Control Board.	Note, Shall be comply as and when generated.
18	The diesel generator sets to be used during construction phase should be low Sulphur diesel type and should conform to Environments (Protection) Rules prescribed for air and noise emission standards.	Followed, Record enclosed. Refer Annexure - <b>06</b>
19	The diesel required for operating DG sets shall be stored in underground tanks and if required, clearance from concern authority shall be taken.	Only 400 Ltr. Store which is less than permissible limit. Hence storage and clearance undertaken as per petroleum act.
20	Vehicles hired for bringing construction material to the site should be in good condition and should have a pollution check certificate and should conform to applicable air and noise emission standards and should be operated only during non-peak hours.	Complied, Refer Annexure - <b>07</b>
21	Ambient noise levels should conform to residential standards both during day and night. Incremental pollution loads on the ambient air and noise quality should be closely monitored during construction phase. Adequate measures should be made to reduce ambient air and noise level during construction phase, so as to conform to the stipulated standards by CPCB/MPCB.	Followed. Refer Annexure - <b>08</b>
22	Fly ash should be used as building material in the construction as per the provisions of Fly Ash Notification of September 1999 and amended as on 27th August, 2003. (The above condition is applicable only if the project site is located within the 100Km of Thermal Power Stations).	Fly ash as well as GGBS use in works.
23	Ready mixed concrete must be used in building construction.	Complied
24	Storm water control and its re-use as per CGWB and <b>BIS</b> standards for various applications.	To be address by consultant.
25	Water demand during construction should be reduced by use of pre-mixed concrete, curing agents and other best practices referred.	Curing Compound used to reduce the water demand during construction. Refer Annexure - <b>09</b>
26	The ground water level and its quality should be monitored regularly in consultation with Ground Water Authority.	Ground water quality test has been undertaken and recorded.
27	The installation of the Sewage Treatment Plant (STP) should be certified by an independent expert and a report in this regard should be submitted to the <b>MPCB</b> and Environment department before the project is commissioned for operation. Discharge of this unused treated effluent, if any should be discharge in the sewer line. Treated effluent emanating from STP shall be recycled/ reused to the maximum extent possible. Discharge of this unused treated effluent, if any should be discharge in the sewer line. Treatment of 100% grey water by decentralized treatment should be done. Necessary measures should be made to mitigate the odour problem from STP.	To be address by AHC / CIDCO

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28	Permission to draw ground water and construction of basement if any shall be obtained from the competent Authority prior to construction/operation of the project.	No basement in project and ground water not being use for construction, approval shall be taken from competent authority.
29	Separation of grey and black water should be done by the use of dual plumbing line for separation of grey and black water.	To be address by design consultant.
30	Fixtures for showers, toilet flushing and drinking should be of low flow either by use of aerators or pressure reducing devices or sensor based control.	To be address by AHC
31	Use of glass may be reduced up to 40% to reduce the electricity consumption and load on air conditioning. If necessary, use high quality double glass with special reflective coating in windows.	To be address by AHC
32	Roof should meet prescriptive requirement as per Energy Conservation Building Code by using appropriate thermal insulation material to fulfil requirement.	To be address by AHC
33	Energy conservation measures like installation of CFLs /TFLs for the lighting the areas outside the building should be integral part of the project design and should be in place before project commissioning. Use CFLs and TFLs should be properly collected and disposed of/sent for recycling as per the prevailing guidelines/rules of the regulatory authority to avoid mercury contamination. Use of solar panels may be done to the extent possible like installing solar street lights, common solar water heaters system. Project proponent should install, after checking feasibility, solar plus hybrid non-conventional energy source as source of energy.	To be address by AHC
34	Diesel power generating sets proposed as source of backup power for elevators and common area illumination during operation phase should be of enclosed type and conform to rules made under the Environment (Protection) Act, 1986. The height of stack of DG sets should be equal to the height needed for the combined capacity of all proposed DG sets. Use low Sulphur diesel. The location of the DG sets may be decided with in consultation with Maharashtra Pollution Control Board.	To be address by AHC
35	Noise should be controlled to ensure that it does not exceed the prescribed standards. During nighttime the noise levels measured at the boundary of the building shall be restricted to the permissible levels to comply with the prevalent regulations.	Followed Noise Monitoring report enclosed. Refer Annexure - 10
36	Traffic congestion near the entry and exit points from the roads adjoining the proposed project site must be avoided. Parking should be fully internalized and no public space should be utilized.	Followed. Refer Annexure - 11
37	Opaque wall should meet prescriptive requirement as per Energy Conservation Building Code, which is proposed to be mandatory for all air-conditioned spaces while it is aspiration for non-air conditioned spaces by use of appropriate thermal insulation material to fulfil requirement.	To be address by AHC
38	The building should have adequate distance between them to allow movement of fresh air and passage of natural light, air and ventilation.	To be address by AHC
39	Regular supervision of the above and other measures for monitoring should be in place all through the construction phase, so as to avoid disturbance to the surroundings.	Regular supervision for monitoring of applicable provision/measures in place.
40	Under the provisions of Environment (Protection) Act, 1986, legal action shall be initiated against the project proponent if it was found that construction of the project has been started without obtaining environmental clearance.	Work started after obtaining EC and other statutory approval.

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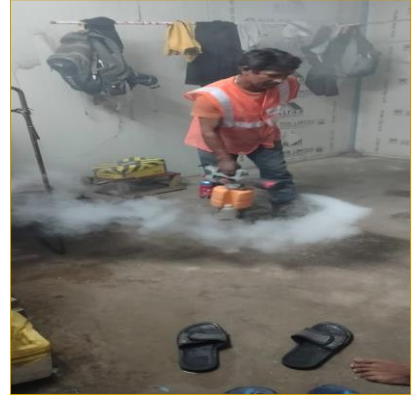
41	Six monthly monitoring reports should be submitted to the Regional office MoEF, Bhopal with copy to this department and MPCB.	Followed.
42	Project proponent shall ensure completion of SIP, MSW disposal facility, green belt development prior to occupation of the buildings. As agreed during the SEIAA meeting, PP to explore possibility of utilizing excess treated water in the adjacent area for gardening before discharging it into sewer line No physical occupation or allotment will be given unless all above said environmental infrastructure is installed and made functional including water requirement in Para 2. Prior certification from appropriate authority shall be obtained.	To be address by AHC
43	Wet garbage should be treated by Organic Waste Converter and treated waste (manure) should be utilized in the existing premises for gardening. And, no wet garbage will be disposed outside the premises. Local authority should ensure this.	To be address by AHC
44	Local body should ensure that no occupation certification is issued prior to operation of STP/MSW site etc. with due permission of MPCB.	Post Construction
45	A complete set of all the documents submitted to Department should be forwarded to the Local authority and MPCB.	To be address by CIDCO / Consultant.
46	In the case of any change(s) in the scope of the project. the project would require a fresh appraisal by this Department.	Noted
47	A separate environment management cell with qualified staff shall be set up for implementation of the stipulated environmental safeguards.	To be address by CIDCO
48	Separate funds shall be allocated for implementation of environmental protection measures/EMP along with item-wise breaks-up. These cost shall be included as part of the project cost. The funds earmarked for the environment protection measures shall not be diverted for other purposes and year wise expenditure should reported to the MPCB & this department.	To be address by CIDCO
49	The project management shall advertise at least in two local newspapers widely circulated in the region around the project, one of which shall be in the Marathi language of the local concerned within seven days of issue of this letter, informing that the project has been accorded environmental clearance and copies of clearance letter are available with the Maharashtra Pollution Control Board and may also be seen at Website at <a href="http://parivesh.nic.in">http://parivesh.nic.in</a>	To be address by CIDCO / AHC
50	Project management should submit half yearly compliance reports in respect of the stipulated prior environment clearance terms and conditions in hard & soft copies to the MPCB & this department, on 1st June & 1 st December of each calendar year.	To be address by consultant / CIDCO
51	A copy of the clearance letter shall be sent by proponent to the concerned Municipal Corporation and the local NGO, if any, from whom suggestions/representations, if any, were received while processing the proposal. The clearance letter shall also be put on the website of the Company by the proponent.	To be address by CIDCO
52	The proponent shall upload the status of compliance of the stipulated EC conditions, including results of monitored data on their website and shall update the same periodically. It shall simultaneously be sent to the Regional Office of MoEF, the respective Zonal Office of CPCB and the SPCB. The criteria pollutant levels namely; <b>SPM, RSPM</b> . SO <sub>2</sub> , NO <sub>x</sub> (ambient levels as well as stack emissions) or critical sector parameters, indicated for the project shall be monitored and displayed at a convenient location near the main gate of the company in the public domain.	Displayed at site.

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53	<p>The project proponent shall also submit six monthly reports on the status of compliance of the stipulated EC conditions including results of monitored data (both in hard copies as well as by e-mail) to the respective Regional Office of MoEF, the respective Zonal Office of CPCB and the SPCB.</p>	<p>To be address by CIDCO / Consultant.</p>
54	<p>The environmental statement for each financial year ending 31st March in Form-V as is mandated to be submitted by the project proponent to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company along with the status of compliance of EC conditions a shall also be sent to the respective Regional Offices of MoEF by e-mail.</p>	<p>To be address by CIDCO / Consultant.</p>

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**Annexure- 01** : - All required sanitation and hygienic measures have been taken prior to start the construction work and it shall be maintained till completion of project.







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**Annexure – 02 :-** Adequate drinking water and sanitary facilities provided for construction workers at the site.  
The safe disposal of wastewater and solid wastes in place.





RO Plant installed at site and Workmen Camp for drinking water.


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**Annexure: – 03:** All the excavated topsoil stored and used for horticulture / landscape development within the project site.



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**Annexure – 04 :** Ground water testing is being followed for water quality monitoring.

  
**The Institution of Engineers (India)**  
 (Established 1920, Incorporated by Royal Charter 1935)  
**MATERIAL TESTING LABORATORY**  
 BELAPUR LOCAL CENTRE  
 Plot No. 106, Sector-15, CBD, Navi Mumbai - 400 614.  
 Email: iei400706@gmail.com • Mob.: 08928606510 • Web.: www.ieiblc.org  
 NABL Accredited Material Testing Laboratory As Per ISO/IEC 17025:2017  
 (A Constituent Board of Quality Council of India)

**Report No.** : IEIBLC / MTLAB / QR 156 / 2022 / 1571 Date: 25-08-2022  
**\*Name of Work** : Construction of approx -21346 Nos. of EWS/LIG type dwelling units (package II) with development of commercial area and on site infrastructure works at various locations, viz. Kharghar Bus Terminal, Jawel Bus Terminal, Kalamboli Bus Depo, Kharghar Bus Depo Vashi Truck Terminal & Kharghar Sector 44, Navi Mumbai, CA -01 /CIDCO/CE(SF)/2019-20.(VTT)

**\*Name of Customer** : CIDCO LTD. Date: 24-08-2022  
**\*Address of Customer** : CIDCO, NAVI MUMBAI  
**\*Name of Agency** : M/s. Capacite Infraproject Ltd.  
**\*Customer Reference Number** : CIL/SAFETY/VTT/TP/002  
**Tax Invoice No.** : \_\_\_\_\_

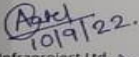
**\*Details of Material** : Construction Water  
**Condition of Sample** : Acceptable  
**\*Source of Sample** : \_\_\_\_\_  
**Date of Receipt of Sample** : 24/08/2022  
**Date of Start of Testing** : 26/08/2022  
**Date of Finish of Testing** : 26/08/2022


**MECHANICAL TESTING OF BUILDING MATERIALS – CONSTRUCTION WATER**


Sr. No.	Sample Identification	Test Conducted	Result	Permissible Limit as per IS: 10500:2012 & IS: 456:2000	Test Method Followed
1	Construction water (VTT) 26/08/22	pH Value	7.42	Shall not be less than 6	IS 3025 (Part 11, 24 & 32)
		Sulphate Value (mg/l)	35.0	400 mg/l (max)	
		Chlorides Value (mg/l)	80.0	2000 mg/l (max) for concrete not embedded in steel & 500 mg/l for reinforced concrete work	


**NOTE:**  
 1) Results relate only to the items tested.  
 2) This result is valid at the time and under conditions specified herein.  
 3) Any corrections invalidates this report.  
 4) The star (\*) marked in the test report represents the information furnished by customer.  
 5) Addition, deviation, exclusion from standard test method- Not Applicable.  
 6) Opinion and Interpretation on Test Results- Not Applicable.

**Remark:** The above tested sample conforms to IS10500:2012 & IS456:2000 for the tested parameter.

To,  10/9/22.  
 : M/s. Capacite Infraproject Ltd. ✓

  
 Review & Authorised Signatory  
 (P.K.Mawale)

  
 Navi Mumbai  
 Regd. Secy. P.O. Belapur



"100 Years of Relentless journey towards 'Engineering Advancement for Nation-building'"

Annexure – 04 : Ground water testing is being followed for water quality monitoring.



Report No. :- Water/118/2021-22

CITY & INDUSTRIAL DEVELOPMENT CORPORATION OF MAHARASHTRA LTD.

CIDCO MATERIAL TESTING LABORATORY, SANPADA

SHOP NO.D001-D003,GROUND FLOOR ,HIGHWAY SIDE,SANPADA RAILWAY STATION,NAVI MUMBAI

NO.:CIDCO/EE(Q.C.)/LAB/SAN/

4939

Date :

08/10/2021

**TEST REPORT FOR WATER / SOIL / AGGREGATES**

NAME OF AGENCY

M/s Capacite's Infraproject Pvt Ltd.

NAME OF WORK

Construction of approximately 21346 Nos. of EWS/LIG type dwelling units (Package-II) with development of commercial area & onsite infrastructure works at various locations, viz Kharghar Station, Kharghar Bus Terminal, Panvel Bus Terminal, Kalamboli Bus Depot, Kharghar Bus Depot, Vashi Truck Terminal & Kharghar Sector 44, Navi Mumbai.

PROJECT NO

01/CIDCO/CE(SP)/2019-20

REFERENCE

Sample received :

Job Code No :-

TEST/RECEIPT NO

6100001399/2021-22

Date : 28/09/2021

Description of Material

Sub soil Water



**OBSERVATIONS & RESULTS**

Sample Identification Mark	Test conducted	Result	Acceptance Criteria as per IS 456:2000
VTT sub soil water	Ph Value	7.50	Shall not be less than 6
	Sulphates Value (ppm)	900.00	400 mg/l (max.)
	Chlorides Value (ppm)	More than 2000	2000 mg/l (max.) for concrete not containing embedded steel and 500 mg/l for reinforced concrete work.

- Above test results are based on the sample submitted by the Agency.
- Any correction invalidates this certificate.
- Method of test= I.S. 456 , I.S. 3025 (Part 24) & I.S. 3025 (Part 32)
- No part of the report, except in full, shall be reproduced without written consent of the Competent Authority.



IHP-VI)

*f. S. S. S.*  
LAB-IN-CHARGE


	<b>Environment Clearance Compliance Report</b>		
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**Annexure – 05:** Construction's Spoils and other hazardous material collected and disposed of in proper way to avoid water contamination.



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**Annexure – 06:** The diesel generator's stack monitoring is being followed at site, conform to Environments (Protection) Rules prescribed for air and noise emission standards.



**GREEN CIRCLE, INC.**  
 Integrated HSEQR Consulting Engineers, Scientists & Trainers  
 (Recognised By Ministry of Environment, Forest and Climate Change, New Delhi Under EPA 1986)  
 (No. G - 1508 / 32 / 2007 - CPW)  
 (ISO 9001, 14001 & OHSAS 18001 Certified Organization)

Report No.: GC/VL/AB/EM-0012/20-SP/21-22/April - 06719      Date: 17/05/2021


**ANALYSIS REPORT**  
(For the month of August)

Client Details		Sample Details	
<b>Name</b>	M/s. Capacite Infraprojects Ltd.	<b>Sample Code</b>	GC/V22/CL/C25T1
<b>Address</b>	C/DOO - Vashi Truck Terminal, Near AFMC Market, Sector - 13, Vashi Navi Mumbai - 407003	<b>Location</b>	D. G. Set (250 KVA)
<b>Sampling Done By</b>	Mr. Sagar	<b>Sampling Instrument</b>	Stack Monitoring Kit
<b>Analysis Starts on</b>	16/09/2021	<b>Date of Sampling</b>	15/09/2021
<b>Analysis Completion On</b>	16/09/2021	<b>Sampling Method</b>	Isokinetic Sampling, IS:11255, PART-1,2,3
		<b>Sample Received Date</b>	16/09/2021

**STACK MONITORING ANALYSIS REPORT**

Sr. No.	Parameters	Unit	Results
1.	Type of fuel used	Type	Diesel
2.	Material Of Construction	Type	MS



Sr.No.	Parameters	Unit	Results	Limit as Per CPCB	Reference Method
1.	Particulate Matter (PM)	g/kw-hr	0.022	50.2	IS 11255 (Part 1): 1985
2.	Sulphur Dioxide (SO <sub>2</sub> )	g/kw-hr	ND	N.S.	IS 11255 (Part 2): 1985
3.	Oxides of Nitrogen (NO <sub>x</sub> ) + HC	g/kw-hr	0.59	5.0	IS 11255 (Part 7): 2005



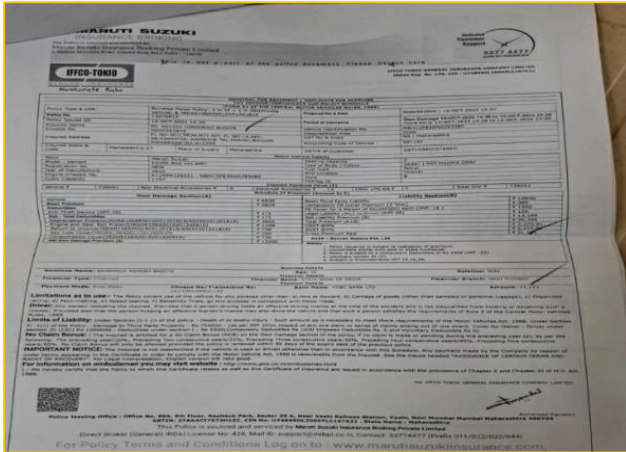
Authorized Signatory

- Analysis is subject to the condition in which the samples received at our Laboratory.
- Reports cannot be used as on evidence anywhere involving Judiciary purpose without our prior permission.
- Sample will be retain 11 one month from the date of sampling.

CORPORATE & Green Empire (Anugushpan), Above AXIS Bank, Nr. Yash Complex Gofri Main Road, Vadodara - 390 001 (Gujarat) INDIA  
 Tel: +91 - 255 - 2371269 Cell: +91 931381 53835 Email: info@greencirclesh.com Website: W1-W Greencirclesh.com

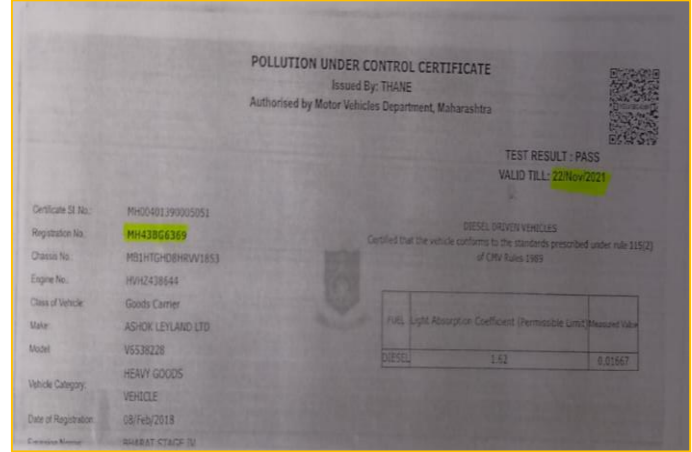
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**Annexure – 07:** Good condition Vehicle used at site for bringing construction material and vehicle conform to pollution check certificate and applicable air and noise emission standards.






This is a Pollution Under Control Certificate (PUC) issued by Maruti Suzuki. The document contains the following details:

- Vehicle Details:**
  - Registration No: MH43BG6369
  - Chassis No: MB1HTGDBHRVV1853
  - Engine No: HV42438644
  - Class of Vehicle: Goods Carrier
  - Make: ASHOK LEYLAND LTD
  - Model: V553R228
  - Vehicle Category: HEAVY GOODS VEHICLE
  - Date of Registration: 08/Feb/2018
- Test Results:**
  - CO: 1.2%
  - CO2: 14.5%
  - HC: 0.15%
  - NOx: 0.18%
  - PM: 0.01%
  - Smoke: 0.5
  - Visual: 0.5
- Conclusion:** The vehicle is found to be in good condition and conforms to the standards prescribed under rule 115(2) of CVC Rules 1989.
- Validity:** The certificate is valid until 22/Nov/2021.




This is a Pollution Under Control Certificate (PUC) issued by THANE, authorised by the Motor Vehicles Department, Maharashtra. The document contains the following details:

- Vehicle Details:**
  - Certificate No: MH0401199005051
  - Registration No: MH43BG6369
  - Chassis No: MB1HTGDBHRVV1853
  - Engine No: HV42438644
  - Class of Vehicle: Goods Carrier
  - Make: ASHOK LEYLAND LTD
  - Model: V553R228
  - Vehicle Category: HEAVY GOODS VEHICLE
  - Date of Registration: 08/Feb/2018
- Test Results:**
  - CO: 1.2%
  - CO2: 14.5%
  - HC: 0.15%
  - NOx: 0.18%
  - PM: 0.01%
  - Smoke: 0.5
  - Visual: 0.5
- Conclusion:** The vehicle conforms to the standards prescribed under rule 115(2) of CVC Rules 1989.
- Validity:** The certificate is valid until 22/Nov/2021.

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**Annexure – 8:** Ambient air and noise quality testing is being followed at site.



**GREEN CIRCLE, INC.**  
 Integrated HSE/CR Consulting Engineers, Scientists & Trainers  
 (Recognized by Ministry of Environment, Forest and Climate Change, New Delhi Under EPA 1986)  
 (No. O - 1508 / 32 / 2007 - CPW)  
 (ISO 9001, 14001 & OHSAS 18001 Certified Organization)

Report No: GC/IV/LAB/SM-G012/20. SP/20 Sept -00/004      Date : 20-09-2021


**ANALYSIS REPORT**

<b>Client Details:</b>		<b>Sample Details</b>	
Name	M/A. Capacit'e Infraprojects Limited	Sample Code	GC/IV/21/CI/UC/AA2
Address	CIDCO - Vashi Truck Terminal, Near AFMC Market, Sector - 19, Vashi Naval Mumbai - 400703	Location	Steel Yard and RTA area
		Quantity	N/A
Sampling Done By	Mr. Sagar	Instruments	Respirable Dust Sampler & Fine Particulate Sampler
Date of Sampling	15/09/2021	Sampling Method	IS 5182 - Part 5 : 1975
Sample Received Date	16/09/2021	Date of Completion	18/09/2021
Date of Analysis	17/09/2021		

**AMBIENT AIR ANALYSIS RESULTS**

Sr. No.	Parameters	Unit	Result	National Ambient Air Quality Standards	Reference Method
1.	Particulate Matter (PM <sub>10</sub> )	µg/m <sup>3</sup>	48.2	100	IS 5182 - Part 2: 2006
2.	Particulate Matter (PM <sub>2.5</sub> )	µg/m <sup>3</sup>	25.9	40	NAAQS Guidelines
3.	Sulphur dioxide (SO <sub>2</sub> )	µg/m <sup>3</sup>	7.2	80	IS 5182 - Part 2: 2001
4.	Oxides of Nitrogen (NO <sub>x</sub> )	µg/m <sup>3</sup>	10.92	80	IS 5182 - Part 4: 2006
5.	Carbon Monoxide (CO)	mg/m <sup>3</sup>	0.41	2.0	IS 5182 - Part 10 : 1999
6.	Ozone as O <sub>3</sub>	µg/m <sup>3</sup>	BDL	100	NAAQS Guidelines
7.	Ammonia as NH <sub>3</sub>	µg/m <sup>3</sup>	21.3	400	NAAQS Guidelines
8.	Lead as Pb	µg/m <sup>3</sup>	BDL	1.0	NAAQS Guidelines
9.	Nickel as Ni	ng/m <sup>3</sup>	BDL	20	NAAQS Guidelines
10.	Arsenic as As	ng/m <sup>3</sup>	BDL	6.0	NAAQS Guidelines
11.	Benzene - C <sub>6</sub> H <sub>6</sub>	µg/m <sup>3</sup>	BDL	5.0	IS 5182(Part 11) : 2006
12.	Benzo (a) Pyrene	ng/m <sup>3</sup>	BDL	1.0	Gas Chromatography

**Remark:** Results are within limit as per Maharashtra Pollution Control Board.



Authorized Signatory

- Analysis is subject to the condition in which the sample is received at our Laboratory.
- Reports cannot be used as an evidence anywhere including judiciary purpose without our prior permission.
- Sample will be retained till one month from the date of sampling.

CONF. OFFICE & R & D: Green Empire (Anupshpam), Above AXIS Bank, Nr. Yash Complex, Goli Main Road Vadodra 390021(Gujarat) INDIA.  
 Tel. : 91-265-2371289 Cell : - 919328583835 Email : [info@greencircleinc.com](mailto:info@greencircleinc.com) Website : [www.greencircleinc.com](http://www.greencircleinc.com)





<b>CAPACIT'E</b> INFRAPROJECTS LIMITED	<b>Environment Clearance Compliance Report</b>		<b>TATA CONSULTING ENGINEERS LIMITED</b> TATA Consulting Engineers Ltd. - Hiten Sethi & Associates JV	<b>HSA</b> HITEN SETHI & ASSOCIATES
Project	Vashi Truck Terminal (VTT)	Date	27.12.2021	

**Annexure - 09:** Curing Compound used to reduce the water demand during construction.

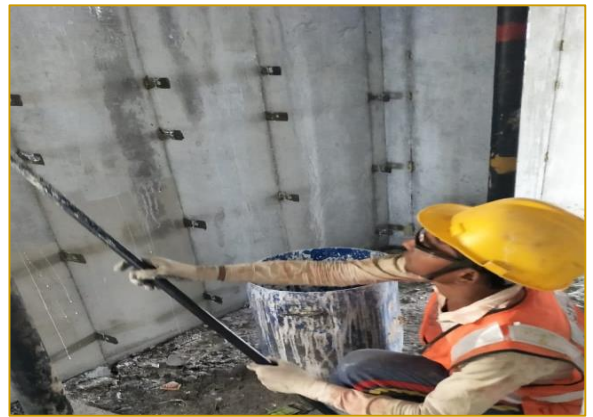
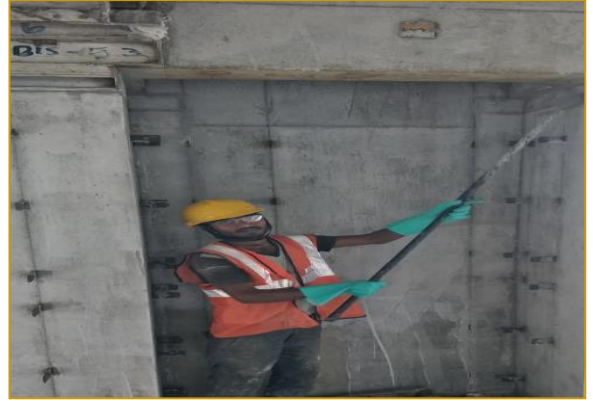
<b>CAPACIT'E</b>	<b>TATA CONSULTING ENGINEERS LIMITED</b> TATA Consulting Engineers Ltd. - Hiten Sethi & Associates JV	<b>HSA</b> HITEN SETHI & ASSOCIATES	<b>CIDCO</b> WE MAKE CITIES
<b>METHOD STATEMENT</b>		Doc No: MST-CIL CIDCO/42	
CIDCO PMAY PACKAGE II PROJECTS		Rev-R0 Date of Rev: 5/05/2022	



**METHOD STATEMENT  
FOR APPLICATION OF CURING COMPOUND TO RCC  
MEMBERS**

[ Make: SIKA BRAND]

**Project name-** "Construction of EWS/LIG type dwelling units (Package II), CIDCO"  
**Contract number-** C.A.No.: 01/CIDCO/CE(SP)/2019-20  
**Client-** CIDCO  
**PMC-** TCE-HSA JV  
**Contractor -** CAPACIT'E INFRAPROJECT LTD

	Prepared by CIL	Reviewed by CIL	Reviewed by PMC	Approved by CIDCO
NAME	Arun Giriyan	Sunil Wagh	Ashok Salvi	
DESIGNATION	AVP-QA/QC	SR.PRESIDENT	PROJECT MANAGER	
SIGN				

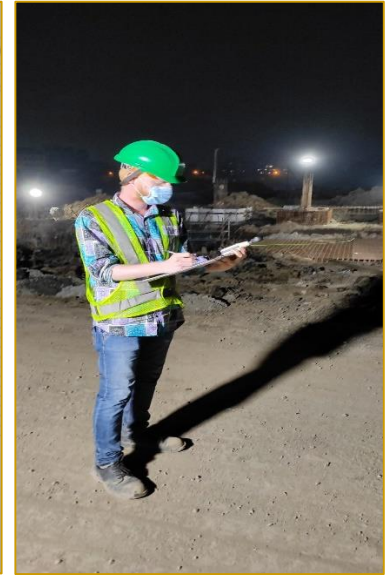


	<b>Environment Clearance Compliance Report</b>		
Project	Vashi Truck Terminal (VTT)	Date	27.12.2021




**Annexure – 10** : Noise Level Monitoring is being followed at site.



CAPACITE INFRAPROJECTS LIMITED		Document Title: Illumination Monitoring	Document No.: CAP/HSF/005/3 Rev.: 0 Date:
Project: VTT		Location: All site area	
Engineer / Supervisor: Mahesh Lohande		Date: 27/12/2021	
Sr. No.	Location / Area	Illumination Level	Remarks
1	Tower no - 07	120 lux	ok
2	Tower no - 08	150 lux	ok
3	Tower no - 09	120 lux	ok
4	office area	20 lux	ok
5	Storage area	180 lux	ok
6	Labour Camp	160 lux	ok
7	Behind labour camp	160 lux	ok
8	Tower no - 03	150 lux	ok
9	Tower no - 05	160 lux	ok
10	N/A area	100 lux	ok
11	N/A area / steel yard	100 lux	ok
12	Station office	190 lux	ok
13	Tower no - 02	192 lux	ok
Location in charge/ Supervisor: Name and Signature: _____ Review by HSE in charge: _____		Safety Person: Name and Signature: _____	



Noise Level Measuring is being followed during night work to comply the applicable rules and regulation.

	<b>Environment Clearance Compliance Report</b>		 TATA Consulting Engineers Ltd. - Hiten Sethi & Associates JV	
Project	Vashi Truck Terminal (VTT)	Date	27.12.2021	

**Annexure – 11:** Vehicle parked only inside of project.



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