



Date: 25/10/2021

To,
The Director,
Northern Regional Office (MoEF&CC),
Bays No. 24 -25,
Sector- 31-A,
Dakshin Marg,
Chandigarh-160030

Subject: Submission of six-monthly compliance report for **DECEMBER 2021** of "Mixed Use Development Project" at Sector-72, Gurgaon, Haryana by M/s. Tata Realty & Infrastructure Ltd.

Reference: EC Lr. No. SEIAA/HR/2018/713, dated: 13 July, 2018

Respected Sir,

This is with reference to the above-mentioned subject, we are herewith submitting six monthly Compliance Report for **DECEMBER 2021** for the period of **APRIL 2021-SEPTEMBER 2021** for "Mixed Use Development Project" at Sector-72, Gurgaon, Haryana by M/s. Tata Realty & Infrastructure Ltd., along with the necessary annexures for your kind perusal.

We understand that the above is in line with requirement of Ministry of Environment & Forest and Climate Change, GOI.

Thanking you,

Yours Sincerely,

For M/s. Tata Realty & Infrastructure Ltd.
(Authorized Signatory)

Enclosure: Compliance Report: Soft copy of Report in CD

Copy to: 1. Member Secretary, Haryana State Pollution Control Board, C-11 Sec-6,
Panchkula, Haryana
2. The Chairman, State Environmental Impact Assessment Authority, Bays No.
55 - 58, 1st Floor, Paryatan Bhawan, Sector 2, Panchkula, Haryana



Anshuman

TATA REALTY AND INFRASTRUCTURE LIMITED

CIN: U70102MH2007PLC168300

Regional Office: TRIL Commercial Center, "Intellion Edge", Tower A, First Floor, Sector 72,
Gurugram - 122 101, Haryana, India. Tel. 0124 4325300

Registered Office: E Block, Voltas Premises, T. B. Kadam Marg, Chinchpokli, Mumbai - 400 033 India.
Tel. 91 22 6661 4444 Fax: 91 22 6661 4452 Website: www.tatarealty.in

M/s Tata Realty and Infrastructure Ltd.

**COMPLIANCE REPORT
of
“Revision & Expansion of mixed use Development
Project” located at Sector-72, Gurgaon, Haryana**



SUBMITTED BY

M/s Tata Realty and Infrastructure Ltd.

December 2021

TABLE OF CONTENT

S. No	Description
	Compliance of Specific and General Conditions

LIST OF ANNEXURES

Annexure	Description
Annexure-I	Environmental Clearance Letter
Annexure-II	Environmental Monitoring Report
Annexure-III	Copy of CTO (T-A & T-B)
Annexure-IV	Hazardous Waste Authorization
Annexure-V	Copy of E-waste Agreement
Annexure-VI	Copy of MSW Agreement
Annexure-VII	Copy of Battery Waste Management Agreement
Annexure-VIII	Copy of Hazardous Waste (Used Lube Oil) Management
Annexure-IX	Photographs of DG Sets
Annexure-X	Environmental Audit Report
Annexure-XI	Copy of permission obtained from PESO
Annexure-XII	Copy of Water bills
Annexure-XIII	Photographs of rain water harvesting pits
Annexure-XIV	Photographs of STP
Annexure-XV	Photographs of Solar Panel
Annexure-XVI	Photographs of Organic Waste converter (OWC)
Annexure-XVII	Copy of Electric bills
Annexure-XVIII	Copy of Structural Stability Certificate
Annexure-XIX	Photographs of waste collection bins
Annexure-XX	Copy of CSR fund approval for Badshapur Corridor Development

LIST OF TABLES

Tables	Description	Page No
Table-1	Schedule of Ambient Air Quality Monitoring	01
Table-1(a)	Monitoring Result of SO ₂	01
Table-1(b)	Monitoring Result of NO ₂	02
Table-1(c)	Monitoring Result of PM ₁₀	03
Table- 1(d)	Monitoring Result of PM _{2.5}	04
Table-1(e)	Monitoring Result of CO	05
Table-2	Schedule of Noise Monitoring	06
Table-2(a)	Day time Monitoring result for Ambient Noise	07
Table-2(b)	Night time Monitoring result for Ambient Noise	08
Table- 3	Schedule for Drinking water Monitoring	09
Table-3(a)	Drinking Water Monitoring Results	09
Table-4	Schedule for Domestic Raw water sample collection	10
Table-4(a)	Results of Domestic Raw water before treatment sample for Day 1	10
Table-4(b)	Results of Domestic Raw water before treatment sample for Day 2	11
Table-5	Schedule for Domestic water sample collection	11
Table-5(a)	Results of Domestic water before treatment sample for Day 1	12
Table-5(b)	Results of Domestic water before treatment sample for Day 2	12
Table-6	Schedule for DG Noise sample collection s	13
Table-6(a)	D.G. Set-1 Noise Monitoring Result for for Day 1	13
Table 6(b)	D .G. Set-2 Noise Monitoring Result for Day 1	14
Table 6(c)	D.G. Set-3 Noise Monitoring Result for Day 1	14
Table 6(d)	D.G. Set-2 Noise Monitoring Result for Day 2	14
Table 6(e)	D.G. Set-2 Noise Monitoring Result for Day 2	15
Table 6(f)	D.G. Set-3 Noise Monitoring Result for Day 2	15
Table-7	Schedule for DG Stack sample collection	16
Table 7(a)	D.G. Stack Monitoring Results for Day-1	16
Table 7(b)	D.G. Stack Monitoring Results for Day-2	17
Table 7(c)	D.G. Stack Monitoring Results for Day-3	17
Table 7(d)	D.G. Stack Monitoring Results for Day-4	17
Table 7(e)	D.G. Stack Monitoring Results for Day-5	18
Table 7(f)	D.G. Stack Monitoring Results for Day-6	18
Table-8	Schedule for STP Water sample collection	19
Table-8(a)	Results of STP Inlet & Outlet Water Sample for Day-1	19
Table-8(b)	Results of STP Inlet & Outlet Water Sample for Day-2	19
Table-8(c)	Results of STP Inlet & Outlet Water Sample for Day-3	20

Table-8(d)	Results of STP Inlet & Outlet Water Sample for Day-4	20
Table-8(e)	Results of STP Inlet & Outlet Water Sample for Day-5	20
Table-8(f)	Results of STP Inlet & Outlet Water Sample for Day-6	21

LIST OF FIGURES

Figure Nos.	Description	Page No
Figure-1(a)	SO ₂ Concentration	02
Figure-1(b)	NO ₂ Concentration	03
Figure-1(c)	PM ₁₀ Concentration	04
Figure-1(d)	PM _{2.5} Concentration	05
Figure-1(e)	CO Concentration	06
Figure-2(a)	Graph showing day time noise monitoring result	07
Figure-2(b)	Graph showing night time noise monitoring result	08

“Revision & expansion of mixed use Development Project” located at Sector-72, Gurgaon, Haryana by M/s Tata Realty and Infrastructure Ltd.

“COMPLIANCE REPORT-DECEMBER 2021”

Compliance of environmental clearance conditions as mentioned in the Environmental clearance letter issued vide letter number SEIAA/HR/2018/713 dated: 13th July, 2018 enclosed as Annexure-I.

S. No.	Environmental Conditions	Compliance
PART – A SPECIFIC CONDITIONS		
Construction Phase		
1.	“Consent for Establish” shall be obtained from Haryana State Pollution Control Board under Air and Water Act and a copy shall be submitted to the SEIAA, Haryana before the start of any construction work at site	Agreed & Complied. Consent to Establish” has been obtained from Haryana State Pollution Control Board under the Air and Water Act vide letter no HEPC/2017/970 dated 28-09-2017 & same has already been submitted with previous compliance report.
2.	A first aid room as proposed in the project report shall be provided both during construction and operational phase of the project.	Agreed & Complied. First aid room has been provided during construction phase and operation phase of the project.
3.	Adequate drinking water and sanitary facilities shall be provided for construction workers at the site. Provision should be made for mobile toilets. Open defecation by the laborers is strictly prohibited. The safe disposal of solid wastes/ waste water generated during the construction phase should be ensured. Efforts shall be made to provide mobile STP for treatment of waste water during the construction phase.	Agreed & Complied. An adequate drinking water facility and community toilet were provided to construction workers at the site. Proper provisions were made for mobile toilets and its usage. Open defecation by the labors was strictly prohibited. The wastewater generated during construction phase was sent to mobile STP for treatment of waste water.
4.	All the topsoil excavated during construction activities shall be stored for use in horticulture/landscape development within the project site.	All the topsoil excavated during construction activities was stored separately & it is used for horticulture/landscape development within the project site.
5.	The project proponent shall ensure that the building material required during construction phase is properly stored within the project area and disposal of construction waste should not create any adverse effect on the neighboring	Building material has been properly stored at construction site, which is not created any adverse effect on the neighboring communities and we have disposed the same after taking necessary precautions for general safety and

“Revision & expansion of mixed use Development Project” located at Sector-72, Gurgaon, Haryana by M/s Tata Realty and Infrastructure Ltd.

S. No.	Environmental Conditions	Compliance
	communities and should be disposed of after taking necessary precautions for general safety and health aspects of people, only in approved sites with the approval of competent authority.	health aspects of people. Disposal of construction waste has been done as per Construction and Demolition (C&D) Waste Management Rules, 2016.
6.	Construction spoils, including bituminous material and other hazardous materials, must not be allowed to contaminate watercourses and the dump sites for such material must be secured so that they should not leach into the ground water and any hazardous waste generated during construction phase, should be disposed off as per applicable rules and norms with necessary approval of the Haryana State Pollution Control Board.	Construction spoils including bituminous material and other hazardous materials was not allowed to contaminate water courses and the dump sites for such material was secured, so that they were not leached into the ground water. This Project has obtained the Hazardous waste authorization has been obtained from HSPCB vide letter No. HWM/GUSO/2020/7022058 dt.29.06.2020. Copy of the Hazardous waste authorization (HWA) is enclosed at Annexure-IV
7.	The diesel generator sets to be used during construction phase shall be of ultra low sulphur diesel type and should conform to Environment (Protection) Rules prescribed for air and noise emission standards.	Agreed & Complied. DG sets was used for office lighting and site lighting during construction phase. They were run on low sulphur diesel only with the provision of air and noise emission standards as per EPA Rules, 1986. Photographs of DG sets are attached as Annexure-IX
8.	The diesel required for operating DG sets shall be stored in underground tanks and if required, clearance from Chief Controller of Explosives shall be taken.	Agreed & compiled. The diesel was found stored in underground tank of capacity 50 KL with permission obtained from PESO vide License No. P/NC/HN/15/1926(P439808) dated 17/09/2019 . Copy of permission obtained from PESO is attached as Annexure-XI
9.	Ambient noise levels shall conform to the 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 taken to reduce ambient air pollution and noise level during construction phase, so as to conform to the stipulated residential standards of CPCB/MoEF.	Noted the condition. Ambient noise monitoring has been done at project site; all results are observed within the prescribed standard of CPCB/MOEF. Ambient noise monitoring results is enclosed at Annexure-II .

“Revision & expansion of mixed use Development Project” located at Sector-72, Gurgaon, Haryana by M/s Tata Realty and Infrastructure Ltd.

S. No.	Environmental Conditions	Compliance
10.	Fly ash shall be used as building material in the construction as per the provisions of Fly Ash Notification of September 1999 and as amended on 27th August 2003.	Complied during Construction phase.
11.	Storm water control and its re-use as per CGWB and BIS standards for various applications should be ensured.	Agreed. Storm water control and its re-use as per CGWB and BIS standards for various applications will be followed.
12.	Water demand during construction shall be reduced by use of pre-mixed concrete, curing agents and other best practices.	Complied during Construction phase.
13.	In view of the severe constrains in water supply augmentation in the region and susustainability of water resources, the developers will submit the NOC from CGWA specifying water extraction quantities and assurance from HUDA/utility provider indicating source of water supply and quantity of water with details of intended use of water potable and non-potable. Assurance is required for both construction and operation stages separately .it shall be submitted to the SEIAA and RO, MOEF, Chandigarh before the start of construction.	Agreed & Complied. Ground water was not extracted for the purpose of construction; only treated water was used for the same. In operation phase of the project, water is being supplied by HUDA. Copy of Water bills are attached as Annexure-XII.
14.	Roof must meet prescriptive requirement as per Energy Conservation Building Code by using appropriate thermal insulation material.	Complied during Construction phase.
15.	Opaque wall must meet prescriptive requirement as per Energy Conservation Building Code which is proposed to be mandatory for all air conditioned spaces while it is desirable for non-air-conditioned spaces by use of appropriate thermal insulation material to fulfill requirement.	There is HVAC used in this project. Natural ventilation system has been applied, hence as described in section 2.1 (Applicable Building System) the Energy Conservation Building Code is not applicable to unconditioned space.
16.	The approval of the competent authority shall be obtained for structural safety of the building on account of earthquake, adequacy of firefighting equipments, etc. as per National Building Code including protection measures from lightening etc.	Agreed & Complied. The approval of competent authority had been obtained for structural safety of the building due to earthquake, adequacy of fire fighting equipment etc. as per National Building Code including protection measures from lightening

“Revision & expansion of mixed use Development Project” located at Sector-72, Gurgaon, Haryana by M/s Tata Realty and Infrastructure Ltd.

S. No.	Environmental Conditions	Compliance
		etc. Approval of competent authority has been submitted with previous compliance report. The project site fall under the Forest Conservation Act. Copy of Forest NOC has submitted with previous compliance report.
17.	Overexploited groundwater and impending severe shortage of water supply in the region requires the developer to redraw the water and energy conservation plan. Developer shall reduce the overall footprint of the proposed development. Project proponent shall incorporate water efficiency /savings measures as well as water reuse/recycling within 3 months and before start of construction to the SEIAA, Haryana and RO, MOEF, GOI, Chandigarh.	Agreed. No ground water extraction was taken place. However treated water for construction was supplied by HUDA. To reduce the demand in operation phase treated water from STP is being used for horticulture, flushing, cooling. As well as efficient fixtures are being used to minimize the water demand for domestic purpose.
18.	The Project Proponent as stated in proposal shall construct 12 nos. rain water harvesting pits under expansion for recharging the ground water within the project premises. Rain water harvesting pits shall be designed to make provisions for silting chamber and removal of floating matter before entering harvesting pit. Maintenance budget and persons responsible for maintenance must be provided. Care shall also be taken that contaminated water do not enter any RWH pit.	Agreed & Complied. 12 rain water harvesting pits have been provided for recharging the ground water within the project premises. To remove silt and floating matter, desalting chamber was proposed with rain water harvesting pits. Rain water harvesting plan has already been submitted with previous compliance report. Photographs of rain water harvesting pits are attached as Annexure-XIII .
19.	The project proponent shall provide for adequate fire safety measures and equipments as required by Haryana Fire Service Act, 2009 and instructions issued by the local Authority/Directorate of fire from time to time. Further the project proponent shall take necessary permission regarding fire safety scheme/NOC from competent Authority as required.	Agreed & Complied. Fire NOC has already been submitted with previous compliance report.
20.	The Project Proponent shall obtain assurance from the DHBVN for total supply of 8871 KW of power supply	Agreed & Complied. An application has been filed to the DHBVN

“Revision & expansion of mixed use Development Project” located at Sector-72, Gurgaon, Haryana by M/s Tata Realty and Infrastructure Ltd.

S. No.	Environmental Conditions	Compliance
	before the start of construction. In no case project will be operational solely on generators without any power supply from any external power utility.	for power supply. The acknowledgment copy with reference Application No. G27-318-144 Dated 18/03/2018 has already been submitted with previous compliance report.
21.	Detail calculation of power load and ultimate power load of the project shall be submitted to DHBVN under intimation to SEIAA Haryana before the start of construction. Provisions shall be made for electrical infrastructure in the project area.	Agreed. The total power load requirement was 8871KW that has been supplied by DHBVN. The detailed power load calculation has been submitted to the DHBVN. Copies of Electric bills are attached as Annexure-XVII.
22.	The Project Proponent shall not raise any construction in the natural land depression / Nallah/water course and shall ensure that the natural flow from the Nallah/water course is not obstructed.	Agreed & Complied. The project site is not fall under any natural land depression Nallah/ water course. Hence, no natural flow is obstructed by the project.
23.	The Project Proponent shall keep the plinth level of the building blocks sufficiently above the level of the approach road to the Project. Levels of the other areas in the Projects shall also be kept suitably so as to avoid flooding.	Agreed & Complied. The plinth level of the building blocks has been kept sufficiently above the level of the approach road.
24.	Construction shall be carried out so that density of population does not exceed norms approved by Director General Town and Country Department Haryana.	Agreed & Complied.
25.	The Project Proponent shall submit an affidavit with the declaration that ground water will not be used for construction and only treated water should be used for construction.	Agreed & Complied. Ground water was not used for the construction activity. An affidavit has already been submitted to SEIAA, Haryana. Treated water was used for construction purpose; permission has been taken from HUDA. Copy of the same has already been submitted.
26.	The project proponent shall not cut any existing tree and project landscaping plan should be modified to include those trees in green area.	Agreed & Complied.
27.	The project proponent shall ensure that ECBC norms for composite climate zone are met. In particular building envelope, HVAC service, water heating, pumping,	Agreed. ECBC norms for composite climate zone, water heating, pumping, lighting and electrical infrastructure is being followed.

“Revision & expansion of mixed use Development Project” located at Sector-72, Gurgaon, Haryana by M/s Tata Realty and Infrastructure Ltd.

S. No.	Environmental Conditions	Compliance
	lighting and electrical infrastructure must meet ECBC norms.	
28.	The Project Proponent shall provide 3 meter high barricade around the project area, dust screen for every floor above the ground, proper sprinkling and covering of stored material to restrict dust and air pollution during construction.	Complied during Construction phase.
29.	The project proponent shall construct a sedimentation basin in the lower level of the project site to trap pollutant and other wastes during rains.	Agreed & Complied. Sedimentation basin has been constructed to trap the pollutants and other wastes during rainy sessions.
30.	The project proponent shall provide proper rasta of proper width and proper strength for the project before the start of construction.	Agreed & Complied. Proper Rasta and proper width has been constructed in the project for movement of vehicle within the project site.
31.	The project proponent shall ensure that the U-value of the glass is less than 3.177 and maximum solar heat gain co-efficient is 0.25 for vertical fenestration.	Agreed & Complied. It has been ensured U-value of the glass is less than 3.177 and maximum solar heat gain co-efficient is 0.25 for vertical fenestration.
32.	The project proponent shall adequately control construction dusts like silica dust, non-silica dust and wood dust. Such dusts shall not spread outside project premises. Project Proponent shall provide respiratory protective equipment to all construction workers.	Complied during Construction phase.
33.	The project proponent shall provide fire control room and fire officer for building above 30 meter as per National Building Code.	Agreed & Complied.
34.	The project proponent shall obtain permission of Mines and Geology Department for excavation of soil before the start of construction.	Agreed & Complied. Mines and Geology permission has been taken for excavation of soil. Copy of the same has already been submitted with previous compliance report.
35.	The project proponent shall provide one refuge area till 24 meter and one till 39 meter each as per National Building Code. The project proponent shall not convert any refuse area in the habitable space and it should not be sold out/commercialized.	Agreed & Complied.

“Revision & expansion of mixed use Development Project” located at Sector-72, Gurgaon, Haryana by M/s Tata Realty and Infrastructure Ltd.

S. No.	Environmental Conditions	Compliance
36.	The project proponent shall seek specific prior approval from concerned local Authority/HUDA regarding provision of storm drainage and sewerage system including their integration with external services of HUDA/ Local authorities beside other required services before taking up any construction activity.	Agreed & Complied. Prior approval was taken from HUDA regarding for external sewerage discharge services before taking up of construction activity.
37.	The project proponent shall discharge excess of treated waste water/storm water in the public drainage system and shall seek permission of HUDA before the start of construction.	Agreed & Complied. Permission was taken from HUDA for discharge of excess treated waste water/storm water in the public drainage system before start of construction.
38.	The project proponent shall maintain the distance between STP and water supply line.	Agreed & Complied. Distance has been maintained the between STP and water supply line.
39.	The project proponent shall ensure that the stack height is 6 meter more than the highest tower.	Agreed & Complied. Stack height has been maintained 6 meter more than the highest tower as per CPCB norms.
40.	The project proponent shall ensure that structural stability to withstand earthquake of magnitude 8.5 on Richter scale.	Agreed & Complied. It has been ensured that structural stability to withstand earthquake of magnitude 8.5 on Richter scale. Copy of structural stability is attached as Annexure-XVIII.
41.	Vertical fenestration shall not exceed 60% of total wall area.	Agreed & complied. Vertical fenestration has not been exceeded 60% of total wall area.
Operational Phase		
(a)	“Consent to Operate” shall be obtained from Haryana State Pollution Control Board under Air and Water Act and a copy shall be submitted to the SEIAA, Haryana.	Consent to Operate (CTO) has been obtained vide letter no-329962319GUSOCT06897008 dated 31.10.2019 and further amended consent has been obtained vide letter no-329962320GUSOCT07636129 dt.23.05.2020. Copy of the above CTO is enclosed at Annexure-III.
(b)	The Sewage Treatment Plant (STP) shall be installed for the treatment of the sewage to the prescribed standards including odour and treated effluent will be recycled to achieve zero exit discharge.	Agreed. The Sewage Treatment Plant has been installed for the treatment of the sewage to the prescribed standards including odour and treated effluent is being recycled and used for flushing, cooling, and rest is being used in nearby construction site. Lab analysis Report

“Revision & expansion of mixed use Development Project” located at Sector-72, Gurgaon, Haryana by M/s Tata Realty and Infrastructure Ltd.

S. No.	Environmental Conditions	Compliance
	<p>The installation of STP shall be certified by an independent expert and a report in this regard shall be submitted to the SEIAA, Haryana before the project is commissioned for operation. Tertiary treatment of waste water is mandatory. The project proponent shall remove not only Ortho-Phosphorus but total Phosphorus to the extent of less than 2mg/liter. Similarly total Nitrogen level shall be less than 2mg/liter in tertiary treated waste water. Discharge of treated sewage shall conform to the norms and standards of CPCB/ HSPCB, whichever is environmentally better. Project Proponent shall implement such STP technology which does not require filter backwash. The project proponent shall essentially provide two numbers of STPs preferably equivalent to 50% of total capacity or as per the initial occupancy as the case may be.</p>	<p>of STP are attached herewith Discharge of effluent are conforming to the norms and standards of CPCB/HSPCB. Copy of the Lab analysis report of STP water is enclosed as Annexure-II. Photographs of STP are attached as Annexure-XIV.</p>
(c)	<p>Separation of the grey and black water should be done by the use of dual plumbing line. Treatment of 100% grey water by decentralized treatment should be done ensuring that the re-circulated water should have BOD level less than 5 mg/litre and the recycled water will be used for flushing, gardening and DG set cooling etc.</p>	<p>Same is being complied. Provisional of dual plumbing has been made for separation of black and grey water. Treated water is being used for flushing, gardening and DG set cooling.</p>
(d)	<p>For disinfection of the treated wastewater ultra-violet radiation or ozonization process should be used.</p>	<p>Agreed. Proper techniques are being followed for treated waste water for disinfection.</p>
(e)	<p>Diesel power generating sets proposed as source of back-up power for lifts, common area illumination and for</p>	<p>Agreed. DG Sets of “Enclosed” type will be used at the site. Ultra Low sulfur emitting diesel will be used as fuel for the operation of the DG Sets</p>

“Revision & expansion of mixed use Development Project” located at Sector-72, Gurgaon, Haryana by M/s Tata Realty and Infrastructure Ltd.

S. No.	Environmental Conditions	Compliance
	domestic use should be of enclosed type and conform to rules made under the Environment (Protection) Act, 1986. The location of the DG sets shall be in the basement as promised by the project proponent with appropriate stack height above the highest roof level of the project as per the CPCB norms. The diesel used for DG sets shall be ultra low sulphur diesel (35 ppm sulphur), instead of low sulphur diesel.	since as of now the project is yet to become operational. Stack height of the DG sets as per CPCB standards for proper dispersion of the pollutants. DG Stack and Noise Monitoring reports have been attached as Annexure-II .
(f)	Ambient Noise level should be controlled to ensure that it does not exceed the prescribed standards both within and at the boundary of the Proposed Multilevel Car parking project.	Ambient Noise quality monitoring had been carried out at the project site and the noise levels were found within the prescribed norms of CPCB. Ambient Noise monitoring report has been attached as Annexure-II .
(g)	The project proponent as stated in the proposal shall maintain at least 21.5% as green cover area for tree plantation especially all around the periphery of the project and on the road sides preferably with local species which can provide protection against noise and suspended particulate matter. The open spaces inside the project shall be preferably landscaped and covered with vegetation/grass, herbs & shrubs. Only locally available plant species shall be used.	Agreed. We are maintaining 25% (7993.08 SQM) as green area under tree plantation especially all around the periphery of the project and on the road sides preferably with local species so as to provide protection against particulates and noise and it will also help as a carbon sink. The open spaces (paved area) have been preferably landscaped and covered with grass (grass pavers).
(h)	The project proponent shall strive to minimize water in irrigation of landscape by minimizing grass area, using native variety, xeriscaping and mulching, utilizing efficient irrigation system, scheduling irrigation only after checking evapo-transpiration data.	Adaptive local species as per CPCB Guidelines have been preferred for landscaping to reduce water requirement for landscaping. Treated water from the STP is being used for the meeting the landscape water requirement. Drip irrigation & water sprinkling system is being used for watering lawns and other green area being developed. Plants with similar water requirements are being grouped on common zones to match precipitation heads and emitters, use of low-angle sprinklers for

“Revision & expansion of mixed use Development Project” located at Sector-72, Gurgaon, Haryana by M/s Tata Realty and Infrastructure Ltd.

S. No.	Environmental Conditions	Compliance
		lawn areas as a measure to reduce water requirement for landscaping.
(i)	Rain water harvesting for roof run-off and surface run-off, as per plan submitted should be implemented. Before recharging the surface run off, pre-treatment through sedimentation tanks must be done to remove suspended matter, oil and grease. The bore well for rainwater recharging shall be kept at least 5 mts. above the highest ground water table. Care shall be taken that contaminated water do not enter any RWH pit. The project proponent shall avoid Rain Water Harvesting of first 10 minutes of rain fall. Roof top of the building shall be without any toxic material or paint which can contaminate rain water. Wire mess and filters should be used wherever required.	Agreed. Rainwater harvesting as per plan for roof run-off and surface run-off is being implemented. Before recharging the run-off, pre-treatment is being done to remove suspended matter, oil, grease and other soluble components. The bore well for recharge has been kept at least 5 mts. above the highest ground water table. Care is being taken that contaminated water do not enter any RWH pit. Roof top of the building is being kept without any toxic material or paint which can contaminate rain water. Wire mess and filters are being used wherever required.
(j)	The ground water level and its quality should be monitored regularly in consultation with Central Ground Water Authority.	There is no any abstraction of ground water during construction and operation phase as well.
(k)	A report on the energy conservation measures conforming to energy conservation norms finalized by Bureau of Energy Efficiency should be prepared incorporating details about building materials & technology, R & U Factors etc and submitted to the SEIAA, Haryana in three months time.	Agreed. Report on energy conservation measure conforming to energy conservation norms finalized by BEE which will include details of building materials and technology, R & U factors etc. will be submitted to the SEIAA, Haryana in due course of time.
(l)	Energy conservation measures like installation of LED only for lighting the areas outside the building and inside the building should be integral part of the project design and should be in place	Agreed. LED light are being used in common areas like lift, corridors, and staircase and service areas. LEDs are being properly collected and disposed off/sent for recycling as per the prevailing guidelines/rules of the regulatory authority to avoid mercury

“Revision & expansion of mixed use Development Project” located at Sector-72, Gurgaon, Haryana by M/s Tata Realty and Infrastructure Ltd.

S. No.	Environmental Conditions	Compliance
	before project commissioning. Use of solar panels must be adapted to the maximum energy conservation.	contamination. Use of solar panels are being adapting to the maximum energy conservation. Photographs of solar panel installed on roof top are attached as Annexure-XV .
(m)	The Project Proponent shall use zero ozone depleting potential material in insulation, refrigeration, air-conditioning and adhesive. Project Proponent shall also provide halon free fire suppression system.	Yes, we are using zero ozone depleting potential material in the insulation, refrigeration, air conditioning and adhesive; also provide Halon free fire suppression system in construction as well as operational phase.
(n)	The solid waste generated should be properly collected and segregated as per the requirement of the MSW Rules, 2000 and as amended from time to time. The bio-degradable waste should be treated by appropriate technology (proposed OWC) at the site ear-marked within the project area and dry/inert solid waste should be disposed off to the approved sites for land filling after recovering recyclable material.	Agreed. The solid waste is being generated 713 kg/day & same is being collected and segregated as per the requirement of the MSW Rules, 2000 & its amendments. Copy of MSW Agreement with authorized recycler is enclosed at Annexure-VI . The bio-degradable waste is being composted by OWC at the site earmarked within the project area and dry/inert solid waste is being disposed off to the approved sites for land filling after recovering recyclable material. Photographs of OWC are attached as Annexure-XVI . Photographs of waste collection bins are attached as Annexure-XIX .
(o)	The provision of the solar water heating system shall be as per norms specified by HAREDA and shall be made operational in each building block.	Agreed & Noted the condition. Solar water heater installation will be explored based on need, cost benefit analysis and feasibility.
(p)	The traffic plan and the parking plan proposed by the Project Proponent should be meticulously adhered to with further scope of additional parking for future requirement. There should be no traffic congestion near the entry and exit points from the roads adjoining the proposed project site. Parking should be fully internalized and no public space should be	The traffic and parking plan has been proposed as per the bylaws of the region. MoEF norms, norms of National Building Code and TCP, Haryana laws have been strictly adhered to while preparation of the plans.

“Revision & expansion of mixed use Development Project” located at Sector-72, Gurgaon, Haryana by M/s Tata Realty and Infrastructure Ltd.

S. No.	Environmental Conditions	Compliance
	used.	
(q)	The Project shall be operationalized only when HUDA/local authority will provide domestic water supply system in the area.	Agreed. The project has been taken Domestic water supply assurance for operational phase. HUDA permission copy has already been submitted with previous compliance report.
(r)	Operation and maintenance of STP, solid waste management and electrical Infrastructure, pollution control measures shall be ensured even after the completion of project.	Operation and maintenance of STP, solid waste management and electrical infrastructure, pollution control measure ensured.
(s)	Different type of wastes should be disposed off as per provisions of municipal solid waste, biomedical waste, hazardous waste, e-waste, batteries & plastic rules made under Environment Protection Act, 1986. Particularly E-waste and Battery waste shall be disposed of as per existing E-waste Management Rules 2011 and Batteries Management Rules 2001. The project proponent shall maintain a collection center for E-waste and it shall be disposed of to only registered and authorized dismantler as per existing E-waste Management Rules 2011.	Agreed. Municipal solid waste is being disposed as per the Municipal Solid Wastes (Management and Handling) Rules, 2016 & its amendments. Biomedical waste will not be generated from the project as it is a mixed use development project. Hazardous wastes are being handled as per the Hazardous Waste (Management and Handling) Rules 2000 & its amendments. E-waste is being managed as per E-waste (management and Handling) rules 2016 and Plastic waste is being handled as per the Plastic waste (Management and Handling) Rules 2016 & its amendments. Copy of e-waste management agreement is enclosed at Annexure-V . Copy of Municipal waste management agreement is enclosed at Annexure-VI . Copy of Battery waste management agreement is enclosed at Annexure-VII . Copy of Hazardous waste (used lube oil) management agreement is enclosed at Annexure-VIII .
(t)	Standards for discharge of environmental pollutants as enshrined in various schedules of rule 3 of Environment Protection Rule 1986 shall be strictly complied with.	Standards prescribed in EP rules are being complied.
(u)	The project proponent shall make provision for guard pond and other	Agreed. The provision for guard pond and other provisions for safety are being given.

“Revision & expansion of mixed use Development Project” located at Sector-72, Gurgaon, Haryana by M/s Tata Realty and Infrastructure Ltd.

S. No.	Environmental Conditions	Compliance
	provisions for safety against failure in the operation of wastewater treatment facilities. The project proponent shall also identify acceptable outfall for treated effluent.	
(v)	The project proponent shall ensure that the stack height of DG sets is as per the CPCB guide lines and also ensure that the emission standards of noise and air are within the CPCB latest prescribed limits. Noise and Emission level of DG sets greater than 800 KVA shall be as per CPCB latest standards for high capacity DG sets.	The stack height of DG sets is as per the CPCB guidelines and also ensured that the emission standards of noise and air are within the CPCB prescribed limits for more than 800 KVA DG sets. Monitoring report of DG Sets is attached for your reference as Annexure-II .
(w)	All electric supply exceeding 100 amp, 3 phase shall maintain the power factor between 0.98 lag to 1 at the point of connection.	It is ensured that all electric supply exceeding 100 amp, 3 phases would be maintained the power factor between 0.98 lag to 1 at the point of connection. Copies of Electric bills are attached as Annexure-XVII .
(x)	The project proponent shall minimize heat island effect through shading and reflective or pervious surface instead of hard surface.	Shading has been used to increase cooling effects in the project building. Energy efficient and environmental friendly measures have been incorporated in building design in order to control heat island effect.
(y)	The project proponent shall not use fresh water for HVAC and DG cooling. Air based HVAC system should be adopted and only treated water shall be used by project proponent for cooling, if it is at all needed. The Project Proponent shall also use evaporative cooling technology and double stage cooling system for HVAC in order to reduce water consumption. Further temperature, relative humidity during summer and winter seasons should be kept at optimal level. Variable speed drive, best Co-efficient of Performance (CoP), as well as optimal Integrated Point	Agreed. Fresh water is not being used for HVAC and DG cooling. Air based HVAC system has been adopted and only treated water is being used for cooling. Evaporative cooling technology is also being used and double stage cooling system for HVAC in order to reduce water consumption. Further temperature, relative humidity during summer and winter seasons is being kept at optimal level. Variable speed drive, best Coefficient of Performance (CoP), as well as optimal Integrated Point Load Value and minimum outside fresh air supply has been resorted for conservation of power and water. Coil type cooling DG Sets is being used for saving cooling and water consumption for

“Revision & expansion of mixed use Development Project” located at Sector-72, Gurgaon, Haryana by M/s Tata Realty and Infrastructure Ltd.

S. No.	Environmental Conditions	Compliance
	Load Value and minimum outside fresh air supply may be resorted for conservation of power and water. Coil type cooling DG Sets shall be used for saving cooling water consumption for water cooled DG Sets.	water cooled DG Sets.
(z)	The project proponent shall ensure that the transformer is constructed with high quality grain oriented, low loss silicon steel and virgin electrolyte grade copper. The project proponent shall obtain manufacturer’s certificate also for that.	The condition has been complied.
(aa)	Water supply shall be metered among different users and different utilities.	We are complying this condition.
(ab)	The project proponent shall ensure that exit velocity from the stack should be sufficiently high. Stack shall be designed in such a way that there is no stack down-wash under any meteorological conditions.	Agreed. It has been ensured that exit velocity from the stack was sufficiently high. Stack has been designed in such a way that there is no stack down-wash under any meteorological conditions.
(ac)	The project proponent shall provide water sprinkling system in the project area to suppress the dust in addition to the already suggested mitigation measures in the Air Environment Chapter of EMP.	Agreed. Water sprinkling system is being provided in the project area to suppress the dust in addition to the already suggested mitigation measures in the Air Environment Chapter of EMP.
(ad)	The project proponent shall provide additional green area on terrace and roof top.	Noted the condition.
(ae)	The project proponent shall ensure proper Air Ventilation and light system in the basements area for comfortable living of human being and shall ensure that number of Air Changes per hour/(ACH) in basement never falls below 15. In case of emergency capacity for increasing ACH to the extent of 30 must be provided by the project proponent.	Agreed and understood. Basements areas are designed with proper air ventilation and light system.

“Revision & expansion of mixed use Development Project” located at Sector-72, Gurgaon, Haryana by M/s Tata Realty and Infrastructure Ltd.

S. No.	Environmental Conditions	Compliance
(af)	The project proponent shall install solar panel for energy conservation.	Agreed. Solar panels will be installed and are source of energy for external lighting within the premises. The layout of project has been designed in such a way which ensures maximum potential of solar energy devices.
PART- B GENERAL CONDITIONS		
i.	The Project Proponent shall ensure the commitments made in Form-1, Form-1A, EIA/EMP and other documents submitted to the SEIAA for the protection of environment and proposed environmental safeguards are complied with in letter and spirit. In case of contradiction between two or more documents on any point, the most environmentally friendly commitment on the point shall be taken as commitment by project proponent.	Environmental Safeguards as prescribed by the Ministry of Environment and Forests in the clearance document is being implemented in true spirit.
ii.	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 northern Regional Office of MoEF, HSPCB and SEIAA Haryana.	Agreed. Six monthly compliance reports are being regularly submitted to the Haryana State Pollution Control Board and Regional Office, MoEF, GOI, Northern Region, Chandigarh, Haryana.
iii.	STP outlet after stabilization and stack emission shall be monitored monthly. Other environmental parameters and green belt shall be monitored on quarterly basis. After every 3 (three) months, the project proponent shall conduct environmental audit and shall take corrective measure, if required, without delay.	The environmental parameters are being regularly monitored as per the guidelines. Environmental Monitoring report is attached as Annexure-II .
iv.	The SEIAA, Haryana reserves the right to add additional safeguard measures subsequently, if found necessary. Environmental Clearance granted will be	All the additional safeguard measures will be accepted added by SEIAA Haryana.

“Revision & expansion of mixed use Development Project” located at Sector-72, Gurgaon, Haryana by M/s Tata Realty and Infrastructure Ltd.

S. No.	Environmental Conditions	Compliance
	<p>revoked if it is found that false information has been given for getting approval of this project. SEIAA reserves the right to revoke the clearance if conditions stipulated are not implemented to the satisfaction of SEIAA/MoEF.</p>	
v.	<p>The Project proponent shall not violate any judicial orders/pronouncements issued by any Court/Tribunal.</p>	<p>Any judicial orders/pronouncements issued by any court / Tribunal will not violated.</p>
vi.	<p>All other statutory clearances such as the approvals for storage of diesel from Chief Controller of Explosives, Fire Department, Civil Aviation Department, Forest Conservation Act, 1980 and Wildlife (Protection) Act, 1972, Forest Act, 1927, PLPA 1900, etc. shall be obtained, as applicable by project proponents from the respective authorities prior to construction of the project.</p>	<p>Agreed & Complied. All the required applicable clearances have been taken from the respective authority. The diesel was found stored in underground tank of capacity 50 KL with permission obtained from PESO vide License No. P/NC/HN/15/1926(P439808) dated 17/09/2019. Copy of Forest NOC & AAI NOC has already been submitted with previous compliance report.</p>
vii	<p>The Project proponent should inform the public that the project has been accorded Environment Clearance by the SEIAA and copies of the clearance letter are available with the Haryana State Pollution Control Board & SEIAA. This should be advertised within 7 days from the date of issue of the clearance letter at least in two local newspapers that are widely circulated in the region and the copy of the same should be forwarded to SEIAA Haryana. A copy of Environment Clearance conditions shall also be put on project proponent’s web site for public awareness.</p>	<p>Agreed. Environmental clearance letter information has been advertised in local newspapers from the date issue of environmental clearance letter. Copy of the same has been submitted with previous compliance report.</p>
vii	<p>Under the provisions of Environment (Protection) Act, 1986, legal action shall be initiated against the Project Proponent</p>	<p>Agreed. Environmental clearance has been obtained under environmental protection act 1986 before start of construction. SEIAA has granted Environmental clearance vide letter</p>

“Revision & expansion of mixed use Development Project” located at Sector-72, Gurgaon, Haryana by M/s Tata Realty and Infrastructure Ltd.

S. No.	Environmental Conditions	Compliance
	if it was found that construction of the expansion project has been started before obtaining prior Environmental Clearance.	number SEIAA/HR/2018/713 dated: 13th July, 2018 enclosed as Annexure-I .
ix.	Any appeal against the this Environmental Clearance shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.	Agreed. There is no any appeal against this environmental clearance in NGT.
x.	Corporate Environment and Social Responsibility (CSER) shall be laid down by the project proponent (2% shall be earmarked) as per guidelines of MoEF, GoI Office Memorandum No. J-11013/41/2006-IA.II(I) dated 18.05.2012 and Ministry of Corporate Affairs, GoI Notification Dated 27.02.2014. A separate audit statement shall be submitted in the compliance. Environment related work proposed to be executed under this responsibility shall be undertaken simultaneously. The project proponent shall select and prepare the list of the work for implementation of CSER of its own choice and shall submit the same before the start of construction.	An amount of Rs.1.60 Crores has been spent under CSER to development of Badshapur drain near Primanti Project and beautification of green corridor. Copy of CSR fund approval for Badshapur corridor development is attached as Annexure-XX .
xi.	The fund ear-marked for environment protection measures should be kept in separate account and should not be diverted for other purposes and year wise expenditure shall be reported to the SEIAA/RO MoEF, GoI under rules prescribed for Environment Audit.	Agreed. The fund ear-marked for environment protection measures are kept in separate account and will not be diverted for other purpose.
xii.	The project proponent shall ensure the compliance of Forest Department, Haryana Notification no. S.O.121/PA2/1900/S.4/97 dated	Agreed.

“Revision & expansion of mixed use Development Project” located at Sector-72, Gurgaon, Haryana by M/s Tata Realty and Infrastructure Ltd.

S. No.	Environmental Conditions	Compliance
	28.11.1997.	
xiii	The Project Proponent shall ensure that no vehicle during construction/operation phase enter the project premises without valid ‘Pollution Under Control’ certificate from competent Authority.	Agreed. It is being ensured that Vehicles used for transportation during construction/operational phase are with valid PUC certificates from competent authority.
xiv	Besides the developer/applicant, the responsibility to ensure the compliance of Environmental Safeguards/ conditions imposed in the Environmental Clearance letter shall also lie on the licensee/licensees in whose name/names the license/CLU has been granted by the Town & Country Planning Department, Haryana.	Environmental safeguards /conditions imposed in the environmental clearance letter will be complied by license/licensees in whose name/names the license/CLU has been granted by the Town and Country Planning Department, Haryana.
xv.	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; PM2.5, PM10, SOX NOX, Ozone, Lead, CO, Benzene, Ammonia, Benzopyrine, arsenic and Nickel. (Ambient levels as well as stack emissions) or critical sectoral 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.	Noted the condition. The display board is installed to display the monitored parameters near main gate of the company in the public domain.
xvi	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 HSPCB Panchkula as prescribed under the	Agreed. The environmental statement for each financial year ending 31st March in Form-V will be submitted to HSPCB Panchkula as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, will also be put on the website of the company

“Revision & expansion of mixed use Development Project” located at Sector-72, Gurgaon, Haryana by M/s Tata Realty and Infrastructure Ltd.

S. No.	Environmental Conditions	Compliance
	Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company along with the status of compliance of the EC conditions and shall also be sent to the respective Regional Offices of MoEF by e-mail.	along with the status of compliance of the EC conditions and will also be sent to the respective Regional Offices of MoEF by mail.
xvi	The project proponent shall conduct environment audit at every three months interval and thereafter corrected measures shall be taken without any delay. Details of environmental audit and corrective measures shall be submitted in the monitoring report.	Agreed. Environment audit has been conducted at every three months interval and thereafter corrected measures were taken without any delay. Details of environmental audit and corrective measures are enclosed as Annexure-X .
xvi	The project proponent shall seek fresh environmental clearance in case any modification /revision is required at a later stage due to exchange of revenue rasta existing in the project area or change in any plan due to combined zoning plan.	Agreed. In case any modification /revision in project area or change in any plan for project. We will be sought fresh environmental clearance.
xix	The validity of this environmental clearance letter is valid up to 7 years from the date of issuance of EC letter. The environmental clearance conditions applicable till life space project in case of Residential project will continue to apply. The resident welfare association/Housing co-operative societies shall responsible to comply conditions laid down in EC. In case of violation the action would be taken as per the laid down law of land. Compliance report should be sent to this office till life of the project.	Agreed. The environment clearance letter validity up to 7 years from the date of issuance of EC letter. The resident welfare association/Housing co-operative societies will be responsible to comply conditions laid down in EC. Compliance report will be sent to this office till life of the project.
xx	If project is not completed within the validity period then the project proponent shall submit the application for extension	Agreed & Complied.

“Revision & expansion of mixed use Development Project” located at Sector-72, Gurgaon, Haryana by M/s Tata Realty and Infrastructure Ltd.

S. No.	Environmental Conditions	Compliance
	of validity within one month before the lapse of validity period of Environmental clearance.	

''

''

''

''

''

''

Cppgz wt g/K'

'''Gpxk qpo gpwn'Engct cpeg''

Ngwgt'''

''

''

STATE ENVIRONMENT IMPACT ASSESSMENT AUTHORITY HARYANA
Bay No. 55-58, Prayatan Bhawan, Sector-2, PANCHKULA.

No. SEIAA/HR/2018/713

Dated: 13-07-2018

To

M/s Tata Realty and Infrastructure Ltd.,
 10th floor, Jeevan Bharti Building,
 Connaught Place, New Delhi.

Subject: Environment Clearance for Revision & expansion of "mixed use development project" at Sector-72, Gurgaon, Haryana.

Dear Sir,

This letter is in reference to your application no. nil dated 31.05.2016 addressed to M.S. SEIAA, Haryana received on 17.06.2016 and subsequent letters dated 04.09.2017 and 02.04.2018 seeking prior Environmental Clearance for the above project under the EIA Notification, 2006. The proposal has been appraised as per prescribed procedure in the light of provisions under the EIA Notification, 2006 on the basis of the mandatory documents enclosed with the application viz., Form-1, Form1-A, Conceptual Plan, EIA/EMP on the basis of approved TOR and additional clarifications furnished in response to the observations of the State Expert Appraisal Committee (SEAC) constituted by MOEF & CC, GOI vide their Notification 21.08.2015, in its meeting held on 29.07.2016, 27.09.2017 and 06.06.2018 awarded "Gold" grading to the project.

[2] It is inter-alia, noted that the project involves the Revision & expansion of "mixed use development project" at Sector-72, Gurgaon, Haryana on a total plot area is 31970.11 sqm (7.90 Acre). The total built up area shall be 174524 sqm. The proposed project shall comprise of 3 Towers + 3 Basements + GF + maximum 18 floors. The proposed project shall have offices, retail, fine dining, food court & gym facilities. The maximum height of the building shall be 82.35 meter. The total water requirement shall be 676 KLD. The fresh water requirement shall be 340 KLD. The waste water generation shall be 527 KLD which will be treated in the STP of 735 KLD capacity. The total power requirement shall be 8871 KW which will be supplied by DHBVN. The Project Proponent has proposed to develop green belt on 7993.08 sqm (25%) of project area (Green belt plantation 6515.08 sqm + Peripheral plantation 200 sqm + Avenue Plantation 165 sqm + Lawn Area 1113 sqmt). The Project Proponent proposed to construct 12 rain water harvesting pits. The solid waste generation will be 7136 kg/day. The bio-degradable waste will be treated in the project area by adopting appropriate technology. The total parking spaces proposed are 2110 ECS.

[3] The State Expert Appraisal Committee, Haryana after due consideration of the relevant documents submitted by the project proponent and additional clarification furnished in response to its observations, have recommended the grant of environmental

clearance for the project mentioned above, subject to compliance with the stipulated conditions. Accordingly, the State Environment Impact Assessment Authority in its meeting held on 25.06.2018 decided to agree with the recommendations of SEAC to accord necessary environmental clearance for the project under Category 8(a) of EIA Notification 2006 subject to the strict compliance with the specific and general conditions mentioned below:-

PART A-
SPECIFIC CONDITIONS:-
Construction Phase:-

- [1] "Consent for Establish" shall be obtained from Haryana State Pollution Control Board under Air and Water Act and a copy shall be submitted to the SEIAA, Haryana before the start of any construction work at site.
- [2] A first aid room as proposed in the project report shall be provided both during construction and operational phase of the project.
- [3] Adequate drinking water and sanitary facilities shall be provided for construction workers at the site. Provision should be made for mobile toilets. Open defecation by the labourers is strictly prohibited. The safe disposal of solid wastes/ waste water generated during the construction phase should be ensured. Efforts shall be made to provide mobile STP for treatment of waste water during the construction phase.
- [4] All the topsoil excavated during construction activities shall be stored for use in horticulture/landscape development within the project site.
- [5] The project proponent shall ensure that the building material required during construction phase is properly stored within the project area and disposal of construction waste should not create any adverse effect on the neighboring communities and should be disposed of after taking necessary precautions for general safety and health aspects of people, only in approved sites with the approval of competent authority.
- [6] Construction spoils, including bituminous material and other hazardous materials, must not be allowed to contaminate watercourses and the dump sites for such material must be secured so that they should not leach into the ground water and any hazardous waste generated during construction phase, should be disposed off as per applicable rules and norms with necessary approval of the Haryana State Pollution Control Board.
- [7] The diesel generator sets to be used during construction phase shall be of ultra low sulphur diesel type and should conform to Environment (Protection) Rules prescribed for air and noise emission standards.
- [8] The diesel required for operating DG sets shall be stored in underground tanks and if required, clearance from Chief Controller of Explosives shall be taken.

- [9] Ambient noise levels shall conform to the Commercial/Industrial 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 taken to reduce ambient air pollution and noise level during construction phase, so as to conform to the stipulated Commercial/Industrial standards of CPCB/MoEF.
- [10] Fly ash shall be used as building material in the construction as per the provisions of Fly Ash Notification of September 1999 and as amended on 27th August 2003.
- [11] Storm water control and its re-use as per CGWB and BIS standards for various applications should be ensured.
- [12] Water demand during construction shall be reduced by use of pre-mixed concrete, curing agents and other best practices.
- [13] In view of the severe constraints in water supply augmentation in the region and sustainability of water resources, the developer will submit the NOC from CGWA specifying water extraction quantities and assurance from HUDA/ utility provider indicating source of water supply and quantity of water with details of intended use of water – potable and non-potable. Assurance is required for both construction and operation stages separately. It shall be submitted to the SEIAA and RO, MOEF, Chandigarh before the start of construction.
- [14] Roof must meet prescriptive requirement as per Energy Conservation Building Code by using appropriate thermal insulation material.
- [15] Opaque wall must meet prescriptive requirement as per Energy Conservation Building Code which is proposed to be mandatory for all air conditioned spaces while it is desirable for non-air-conditioned spaces by use of appropriate thermal insulation material to fulfill requirement.
- [16] The approval of the competent authority shall be obtained for structural safety of the building on account of earthquake, adequacy of fire fighting equipments, etc. as per National Building Code including protection measures from lightning etc.
- [17] Overexploited groundwater and impending severe shortage of water supply in the region requires the developer to redraw the water and energy conservation plan. Developer shall reduce the overall footprint of the proposed development. Project proponent shall incorporate water efficiency /savings measures as well as water reuse/recycling within 3 months and before start of construction to the SEIAA, Haryana and RO, MOEF, GOI, Chandigarh.
- [18] The Project Proponent as stated in proposal shall construct 12 nos. rain water harvesting structure for recharging the ground water within the project premises. Rain water harvesting pits shall be designed to make provisions for silting chamber and removal of floating matter before entering harvesting pit.

Maintenance budget and persons responsible for maintenance must be provided. Care shall also be taken that contaminated water do not enter any RWH pit.

- [19] The project proponent shall provide for adequate fire safety measures and equipments as required by Haryana Fire Service Act, 2009 and instructions issued by the local Authority/Directorate of fire from time to time. Further the project proponent shall take necessary permission regarding fire safety scheme/NOC from competent Authority as required.
- [20] The Project Proponent shall obtain assurance from the DHBVN for total supply of 8871 K.W of power supply before the start of construction. In no case project will be operational solely on generators without any power supply from any external power utility.
- [21] Detail calculation of power load and ultimate power load of the project shall be submitted to DHBVN under intimation to SEIAA Haryana before the start of construction. Provisions shall be made for electrical infrastructure in the project area.
- [22] The Project Proponent shall not raise any construction in the natural land depression / Nallah/water course and shall ensure that the natural flow from the Nallah/water course is not obstructed.
- [23] The Project Proponent shall keep the plinth level of the building blocks sufficiently above the level of the approach road to the Project. Levels of the other areas in the Projects shall also be kept suitably so as to avoid flooding.
- [24] Construction shall be carried out so that density of population does not exceed norms approved by Director General Town and Country Department Haryana.
- [25] The Project Proponent shall submit an affidavit with the declaration that ground water will not be used for construction and only treated water should be used for construction.
- [26] The project proponent shall not cut any existing tree and project landscaping plan should be modified to include those trees in green area.
- [27] The project proponent shall ensure that ECBC norms for composite climate zone are met. In particular building envelope, HVAC service, water heating, pumping, lighting and electrical infrastructure must meet ECBC norms.
- [28] The Project Proponent shall provide 3 meter high barricade around the project area, dust screen for every floor above the ground, proper sprinkling and covering of stored material to restrict dust and air pollution during construction.
- [29] The project proponent shall construct a sedimentation basin in the lower level of the project site to trap pollutant and other wastes during rains.
- [30] The project proponent shall provide proper rasta of proper width and proper strength for the project before the start of construction.

- [31] The project proponent shall ensure that the U-value of the glass is less than 3.177 and maximum solar heat gain co-efficient is 0.25 for vertical fenestration.
- [32] The project proponent shall adequately control construction dusts like silica dust, non-silica dust and wood dust. Such dusts shall not spread outside project premises. Project Proponent shall provide respiratory protective equipment to all construction workers.
- [33] The project proponent shall provide fire control room and fire officer for building above 30 meter as per National Building Code.
- [34] The project proponent shall obtain permission of Mines and Geology Department for excavation of soil before the start of construction.
- [35] The project proponent shall provide one refuge area till 24 meter, one till 39 meter and one after 15 meter each, as per National Building Code. The project proponent shall not convert any refuse area in the habitable space and it should not be sold out/commercialized.
- [36] The project proponent shall seek specific prior approval from concerned local Authority/HUDA regarding provision of storm drainage and sewerage system including their integration with external services of HUDA/ Local authorities beside other required services before taking up any construction activity.
- [37] The project proponent shall discharge excess of treated waste water/storm water in the public drainage system and shall seek permission of HUDA before the start of construction.
- [38] The project proponent shall maintain the distance between STP and water supply line.
- [39] The project proponent shall ensure that the stack height is 6 meter more than the highest tower.
- [40] The project proponent shall ensure that structural stability to withstand earthquake of magnitude 8.5 on Richter scale.
- [41] Vertical fenestration shall not exceed 60% of total wall area.

Operational Phase:

- [a] "Consent to Operate" shall be obtained from Haryana State Pollution Control Board under Air and Water Act and a copy shall be submitted to the SEIAA, Haryana.
- [b] The Sewage Treatment Plant (STP) shall be installed for the treatment of the sewage to the prescribed standards including odour and treated effluent will be recycled to achieve zero exit discharge. The installation of STP shall be certified by an independent expert and a report in this regard shall be submitted to the SEIAA, Haryana before the project is commissioned for operation. Tertiary treatment of waste water is mandatory. The project proponent shall remove not only Ortho-Phosphorus but total Phosphorus to the extent of less than 2mg/liter.

Similarly total Nitrogen level shall be less than 2mg/liter in tertiary treated waste water. Discharge of treated sewage shall conform to the norms and standards of CPCB/ HSPCB, whichever is environmentally better. Project Proponent shall implement such STP technology which does not require filter backwash. The project proponent shall essentially provide STP preferably equivalent to 50% of total capacity or as per the initial occupancy as the case may be.

- [c] Separation of the grey and black water should be done by the use of dual plumbing line. Treatment of 100% grey water by decentralized treatment should be done ensuring that the re-circulated water should have BOD level less than 5 mg/litre and the recycled water will be used for flushing, gardening and DG set cooling etc.
- [d] For disinfection of the treated wastewater ultra-violet radiation or ozonization process should be used.
- [e] Diesel power generating sets proposed as source of back-up power for lifts, common area illumination and for domestic use should be of enclosed type and conform to rules made under the Environment (Protection) Act, 1986. The location of the DG sets shall be in the basement as promised by the project proponent with appropriate stack height above the highest roof level of the project as per the CPCB norms. The diesel used for DG sets shall be ultra low sulphur diesel (35 ppm sulphur), instead of low sulphur diesel.
- [f] Ambient Noise level should be controlled to ensure that it does not exceed the prescribed standards both within and at the boundary of the proposed "mixed use development project".
- [g] The project proponent as stated in the proposal shall maintain at least 25% as green cover area for tree plantation especially all around the periphery of the project and on the road sides preferably with local species which can provide protection against noise and suspended particulate matter. The open spaces inside the project shall be preferably landscaped and covered with vegetation/grass, herbs & shrubs. Only locally available plant species shall be used.
- [h] The project proponent shall strive to minimize water in irrigation of landscape by minimizing grass area, using native variety, xeriscaping and mulching, utilizing efficient irrigation system, scheduling irrigation only after checking evapotranspiration data.
- [i] Rain water harvesting for roof run-off and surface run-off, as per plan submitted should be implemented. Before recharging the surface run off, pre-treatment through sedimentation tanks must be done to remove suspended matter, oil and grease. The bore well for rainwater recharging shall be kept at least 5 mts. above the highest ground water table. Care shall be taken that contaminated water do not enter any RWH pit. The project proponent shall avoid Rain Water Harvesting of first 10 minutes of rain fall. Roof top of the building shall be without any toxic

material or paint which can contaminate rain water. Wire mesh and filters should be used wherever required.

- [j] The ground water level and its quality should be monitored regularly in consultation with Central Ground Water Authority.
- [k] A report on the energy conservation measures conforming to energy conservation norms finalized by Bureau of Energy Efficiency should be prepared incorporating details about building materials & technology, R & U Factors etc and submitted to the SEIAA, Haryana in three months time.
- [l] Energy conservation measures like installation of LED only for lighting the areas outside the building and inside the building should be integral part of the project design and should be in place before project commissioning. Use of solar panels must be adapted to the maximum energy conservation.
- [m] The Project Proponent shall use zero ozone depleting potential material in insulation, refrigeration, air-conditioning and adhesive. Project Proponent shall also provide halon free fire suppression system.
- [n] The solid waste generated should be properly collected and segregated as per the requirement of the MSW Rules, 2000 and as amended from time to time. The bio-degradable waste should be treated by appropriate technology (proposed OWC) at the site ear-marked within the project area and dry/inert solid waste should be disposed off to the approved sites for land filling after recovering recyclable material.
- [o] The provision of the solar water heating system shall be as per norms specified by HAREDA and shall be made operational in each building block.
- [p] The traffic plan and the parking plan proposed by the Project Proponent should be meticulously adhered to with further scope of additional parking for future requirement. There should be no traffic congestion near the entry and exit points from the roads adjoining the proposed project site. Parking should be fully internalized and no public space should be used.
- [q] The Project shall be operationalized only when HUDA/local authority will provide domestic water supply system in the area.
- [r] Operation and maintenance of STP, solid waste management and electrical Infrastructure, pollution control measures shall be ensured even after the completion of project.
- [s] Different type of wastes should be disposed off as per provisions of municipal solid waste, biomedical waste, hazardous waste, e-waste, batteries & plastic rules made under Environment Protection Act, 1986. Particularly E-waste and Battery waste shall be disposed of as per existing E-waste Management Rules 2011 and Batteries Management Rules 2001. The project proponent shall maintain a

collection center for E-waste and it shall be disposed of to only registered and authorized dismantler as per existing E-waste Management Rules 2011.

- [t] Standards for discharge of environmental pollutants as enshrined in various schedules of rule 3 of Environment Protection Rule 1986 shall be strictly complied with.
- [u] The project proponent shall make provision for guard pond and other provisions for safety against failure in the operation of wastewater treatment facilities. The project proponent shall also identify acceptable outfall for treated effluent.
- [v] The project proponent shall ensure that the stack height of DG sets is as per the CPCB guide lines and also ensure that the emission standards of noise and air are within the CPCB latest prescribed limits. Noise and Emission level of DG sets greater than 800 KVA shall be as per CPCB latest standards for high capacity DG sets.
- [w] All electric supply exceeding 100 amp, 3 phase shall maintain the power factor between 0.98 lag to 1 at the point of connection.
- [x] The project proponent shall minimize heat island effect through shading and reflective or pervious surface instead of hard surface.
- [y] The project proponent shall not use fresh water for HVAC and DG cooling. Air based HVAC system should be adopted and only treated water shall be used by project proponent for cooling, if it is at all needed. The Project Proponent shall also use evaporative cooling technology and double stage cooling system for HVAC in order to reduce water consumption. Further temperature, relative humidity during summer and winter seasons should be kept at optimal level. Variable speed drive, best Co-efficient of Performance (CoP), as well as optimal Integrated Point Load Value and minimum outside fresh air supply may be resorted for conservation of power and water. Coil type cooling DG Sets shall be used for saving cooling water consumption for water cooled DG Sets.
- [z] The project proponent shall ensure that the transformer is constructed with high quality grain oriented, low loss silicon steel and virgin electrolyte grade copper. The project proponent shall obtain manufacturer's certificate also for that.
- [aa] Water supply shall be metered among different users and different utilities.
- [ab] The project proponent shall ensure that exit velocity from the stack should be sufficiently high. Stack shall be designed in such a way that there is no stack down-wash under any meteorological conditions.
- [ac] The project proponent shall provide water sprinkling system in the project area to suppress the dust in addition to the already suggested mitigation measures in the Air Environment Chapter of EMP.
- [ad] The project proponent shall provide additional green area on terrace and roof top.

- [ae] The project proponent shall ensure proper Air Ventilation and light system in the basements area for comfortable living of human being and shall ensure that number of Air Changes per hour/(ACH) in basement never falls below 15. In case of emergency capacity for increasing ACH to the extent of 30 must be provided by the project proponent.
- [af] The project proponent shall install solar panel for energy conservation.

PART-B. GENERAL CONDITIONS:

- [i] The Project Proponent shall ensure the commitments made in Form-1, Form-1A, EIA/EMP and other documents submitted to the SEIAA for the protection of environment and proposed environmental safeguards are complied with in letter and spirit. In case of contradiction between two or more documents on any point, the most environmentally friendly commitment on the point shall be taken as commitment by project proponent.
- [ii] 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 northern Regional Office of MoEF, HSPCB and SEIAA Haryana.
- [iii] STP outlet after stabilization and stack emission shall be monitored monthly. Other environmental parameters and green belt shall be monitored on quarterly basis. After every 3 (three) months, the project proponent shall conduct environmental audit and shall take corrective measure, if required, without delay.
- [iv] The SEIAA, Haryana reserves the right to add additional safeguard measures subsequently, if found necessary. Environmental Clearance granted will be revoked if it is found that false information has been given for getting approval of this project. SEIAA reserves the right to revoke the clearance if conditions stipulated are not implemented to the satisfaction of SEIAA/MoEF.
- [v] The Project proponent shall not violate any judicial orders/pronouncements issued by any Court/Tribunal.
- [vi] All other statutory clearances such as the approvals for storage of diesel from Chief Controller of Explosives, Fire Department, Civil Aviation Department, Forest Conservation Act, 1980 and Wildlife (Protection) Act, 1972, Forest Act, 1927, PLPA 1900, etc. shall be obtained, as applicable by project proponents from the respective authorities prior to construction of the project.
- [vii] The Project proponent should inform the public that the project has been accorded Environment Clearance by the SEIAA and copies of the clearance letter are available with the Haryana State Pollution Control Board & SEIAA. This should be advertised within 7 days from the date of issue of the clearance letter at least in two local newspapers that are widely circulated in the region and the copy of the

same should be forwarded to SEIAA Haryana. A copy of Environment Clearance conditions shall also be put on project proponent's web site for public awareness.

- [viii] 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 expansion project has been started before obtaining prior Environmental Clearance.
- [ix] Any appeal against the this Environmental Clearance shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.
- [x] Corporate Environment and Social Responsibility (CSER) shall be laid down by the project proponent (2% shall be earmarked) as per guidelines of MoEF, GoI Office Memorandum No. J-11013/41/2006-IA.II(I) dated 18.05.2012 and Ministry of Corporate Affairs, GoI Notification Dated 27.02.2014. A separate audit statement shall be submitted in the compliance. Environment related work proposed to be executed under this responsibility shall be undertaken simultaneously. The project proponent shall select and prepare the list of the work for implementation of CSER of its own choice and shall submit the same before the start of construction.
- [xi] The fund ear-marked for environment protection measures should be kept in separate account and should not be diverted for other purposes and year wise expenditure shall be reported to the SEIAA/RO MoEF, GoI under rules prescribed for Environment Audit.
- [xii] The project proponent shall ensure the compliance of Forest Department, Haryana Notification no. S.O.121/PA2/1900/S.4/97 dated 28.11.1997.
- [xiii] The Project Proponent shall ensure that no vehicle during construction/operation phase enter the project premises without valid 'Pollution Under Control' certificate from competent Authority.
- [xiv] Besides the developer/applicant, the responsibility to ensure the compliance of Environmental Safeguards/ conditions imposed in the Environmental Clearance letter shall also lie on the licensee/licensees in whose name/names the license/CLU has been granted by the Town & Country Planning Department, Haryana.
- [xv] 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; PM_{2.5}, PM₁₀, SO_x NO_x, Ozone, Lead, CO, Benzene, Ammonia, Benzopyrine, arsenic and Nickel. (Ambient levels as well as stack emissions) or critical sectoral 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.

- [xvi] 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 HSPCB Panchkula 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 the EC conditions and shall also be sent to the respective Regional Offices of MoEF by e-mail.
- [xvii] The project proponent shall conduct environment audit at every three months interval and thereafter corrected measures shall be taken without any delay. Details of environmental audit and corrective measures shall be submitted in the monitoring report.
- [xviii] The project proponent shall seek fresh environmental clearance in case any modification /revision is required at a later stage due to exchange of revenue rasta existing in the project area or change in any plan due to combined zoning plan.
- [xix] The validity of this environment clearance letter is valid up to 7 years from the date of issuance of EC letter. The environment clearance conditions applicable till life space project in case of Residential project will continue to apply. The resident welfare association/Housing co-operative societies shall responsible to comply conditions laid down in EC. In case of violation the action would be taken as per the laid down law of land. Compliance report should be sent to this office till life of the project.
- [xx] If project is not completed within the validity period then the project proponent shall submit the application for extension of validity within one month before the lapse of validity period of Environment Clearance i.e. 7 years.


Member Secretary,
State Level Environment Impact
Assessment Authority, Haryana, Panchkula.


Rm

Endst. No. SEIAA/HR/2018/

Dated:.....

A copy of the above is forwarded to the following:

1. The Additional Director (IA Division), MoEF&CC, GoI, Indra Paryavaran Bhavan, Zor bagh Road-New Delhi.
2. The Regional office, Ministry of Environment, Forests & Climate Change, Govt. of India, Bay's no. 24-25, Sector 31-A, Dakshin Marg, Chandigarh.
3. The Chairman, Haryana State Pollution Control Board, C-11, Sector-6, Pkl.


Member Secretary,
State Level Environment Impact
Assessment Authority, Haryana, Panchkula.

''

''

''

''

Cppgzwt g/KK'

''''''''''Gpxk qpo gpvcnNcd'O qpkqt kpi ''

Tgr qt v'

TEST REPORT

Issued to

M/s Tata Realty & Infrastructure Ltd.
 10th Floor Mixed Use Development Project
 Sec-72, Gurgaon, Haryana



Doc No. : ELPL/IV/QF/20
 Lab Reference No. : 210930001 W
 Issue Date : 09/10/2021
 Your Reference : Email
 Amend. No. & Amend. Date : 02 & 17.02.2018

Sample Particulars: Drinking water sample was collected at Mixed Use Development Project, Sector-72 Gurgaon, Haryana on 29/09/2021.


Type of sample	: Drinking Water	Sample Registration Date	: 30/09/2021
Sampling Date	: 29/09/2021	Analysis Starting Date	: 30/09/2021
Sampling Done by	: Lab representative	Analysis Completion Date	: 08/10/2021
Quantity received	: 2 Ltr approx.	Tests Required	: Mentioned below
Sample's Location	: Basement-03	Sampling Method	: ELPL/III/SOP/20

Page 1 of 1

S.No	Test Parameters	Units	Results	IS 10500 : 2012		Test Method
				Acceptable Limit, max.	Permissible Limit in the Absence of Alternate source, max.	
1	Color	Hazen	BDL(DL5.0)	5	15	IS 3025 (Pt-04)
2	Odour	-	Agreeable	Agreeable	Agreeable	IS 3025 (Pt-05)
3	pH	-	7.38	6.5-8.5	No relaxation	IS 3025 (Pt-11)
4	Taste	-	Agreeable	Agreeable	Agreeable	IS 3025 (Pt-08)
5	Turbidity	NTU	BDL(DL1.0)	1	5	IS 3025 (Pt-10)
6	Total Dissolved Solids	mg/l	236	500	2000	IS 3025 (Pt-16)
7	Calcium as Ca	mg/l	14.4	75	200	IS 3025 (Pt-40)
8	Chloride as Cl	mg/l	97.5	250	1000	IS 3025 (Pt-32)
9	Fluoride as F	mg/l	0.16	1.0	1.5	APHA 23 rd Ed 4500F
10	Free Residual Chlorine	mg/l	BDL(DL0.05)	0.2*	1*	IS 3025 (Pt-26)
11	Sulphate as SO ₄	mg/l	38.2	200	400	IS 3025 (Pt-24)
12	Total Alkalinity as CaCO ₃	mg/l	85	200	600	IS 3025 (Pt-23)
13	Total Hardness as CaCO ₃	mg/l	52	200	600	IS 3025 (Pt-21)
14	Iron as Fe	mg/l	0.08	1.0	No relaxation	IS 3025 (Pt-53)
15	Magnesium as Mg	mg/l	3.9	30	100	APHA 23 rd Ed.3500 B

*****END OF REPORT*****

BDL – Below Detection Limit
 DL- Detection Limit

Analyzed By


Checked By


Authorized Signatory



TEST REPORT

Issued to

M/s Tata Realty & Infrastructure Ltd.
10th Floor Mixed Use Development Project
Sec-72, Gurgaon, Haryana



Doc No. : ELPL/IV/QF/20
Amend. No. & Amend. Date : 02 & 17.02.2018
Lab Reference No. : 210930002 W
Issue Date : 09/10/2021
Your Reference : Email

Sample Particulars: STP Inlet water sample was collected at Mixed Use Development Project, Sector-72 Gurgaon, Haryana on 29/09/2021.

Type of sample	: STP Inlet	Sample Registration Date	: 30/09/2021
Sampling Date	: 29/09/2021	Analysis Starting Date	: 30/09/2021
Sampling Done by	: Lab representative	Analysis Completion Date	: 08/10/2021
Quantity received	: 2 Ltr approx.	Tests Required	: Mentioned below
Sample's Location	: STP Plant	Sampling Method	: ELPL/III/SOP/20

S.No.	Test Parameters	Units	Results	Test Method
1	pH	-	6.95	IS 3025 (P-11)
2	Oil and grease	mg/l	10.5	IS 3025 (P-39)
3	Biochemical oxygen demand as BOD at 27 ^o C for 3 days	mg/l	82	IS 3025 (P-44)
4	Chemical oxygen demand as COD	mg/l	204	IS 3025 (P-58)
5	Total suspended solids as TSS	mg/l	68	IS 3025 (P-17)

*****END OF REPORT*****

V. Kumar
Analyzed By

Sneh Soni
Checked By

[Signature]
Authorized Signatory

TEST REPORT

Issued to

M/s Tata Realty & Infrastructure Ltd.
 10th Floor Mixed Use Development Project
 Sec-72, Gurgaon, Haryana



Doc No. : ELPL/IV/QF/20
 Lab Reference No. : 210930003 W
 Issue Date : 09/10/2021
 Your Reference : Email

Amend. No. & Amend.
 Date : 02 & 17.02.2018

Sample Particulars: STP Outlet water sample was collected at Mixed Use Development Project, Sector-72 Gurgaon, Haryana on 29/09/2021.

Type of sample	: STP Outlet	Sample Registration Date	: 30/09/2021
Sampling Date	: 29/09/2021	Analysis Starting Date	: 30/09/2021
Sampling Done by	: Lab representative	Analysis Completion Date	: 08/10/2021
Quantity received	: 2 Ltr approx.	Tests Required	: Mentioned below
Sample's Location	: STP Plant	Sampling Method	: ELPL/III/SOP/20

Page 1 of 1

S.No.	Test Parameters	Units	Results	HSPCB Norm July 2020	Test Method
1	pH	-	7.19	5.0-9.0	IS 3025 (P-11)
2	Oil and grease	mg/l	BDL(DL2.0)	NS	IS 3025 (P-39)
3	Biochemical oxygen demand as BOD at 27°C for 3 days	mg/l	5.1	10	IS 3025 (P-44)
4	Chemical oxygen demand as COD	mg/l	30	50	IS 3025 (P-58)
5	Total suspended solids as TSS	mg/l	7.0	20	IS 3025 (P-17)

*****END OF REPORT*****

BDL – Below Detection Limit
 DL- Detection Limit


 Analyzed By


 Checked By


 Authorized Signatory



TEST REPORT

Issued to

M/s Tata Realty & Infrastructure Ltd.
10th Floor Mixed Use Development Project
Sec-72, Gurgaon, Haryana



Doc No.

ELPL/IV/QF/20

Lab Reference No.

Issue Date

Your Reference

Amend. No. & Amend.
Date : 02 & 17.02.2018

: 210930004 E

: 09/10/2021

: Email

(Page 1 of 1)

Sample Particulars: DG Stack monitoring was done at Mixed Use Development Project, Sector-72 Gurgaon, Haryana on 29/09/2021.

Type of sample	: DG Stack	Sample Registration Date	: 28/09/2021
Sampling Date	: 29/09/2021	Testing Starting Date	: 28/09/2021
Sampling Done by	: Lab representative	Testing Completion Date	: 08/10/2021
Quantity received	: 01 Sample	Tests Required	: Mentioned below
Sample's Location	: Project Site (DG-1)	Sampling Method	: ELPL/III/SOP/32

DG Capacity : 1600 KW (2000 KVA)
Source of Emission : Stack attached to DG Set
DG Engine No : 85004316
DG Make & Model : Cummins & QSK-60-G4
Type of fuel used : HSD
Type of Stack : Round
Operating Schedule : As per requirement
Diameter of Stack (m) : 0.25
Height of Stack from Ground level (m) : 30
Height of Stack from roof level (m) : -
Time of sampling (minutes) : 44
Ambient Temperature (k) : 303
Stack Temperature (k) : 546
Average velocity of flue emission (m/s) : 10.24
Isokinetic flow rate (l/m) : 22.8
Flue gas flow rate (m³/hr.) : 1808.6
Control Measures (if any) : Nil
Remark (If any) : Nil

S.no.	Test Parameters	Results	Units	Test Method	Emission Limits as per EP Rules
1.	Particulate Matter(PM)	59.6	mg/Nm ³	IS 11255(P-1)	75
2.	Sulphur Dioxide(SO ₂)	64	mg/Nm ³	IS 11255(P-2)	Not specified
3.	Oxides of Nitrogen(NOx)	242	ppmv	IS 11255(P-7)	710
4.	Hydrocarbon(HC) as CH ₄	22	mg/Nm ³	IS 5182(P-17)	100
5.	Carbon monoxide(CO)	56	mg/Nm ³	IS 13270:1992	150

*****END OF REPORT*****

Analyzed By

Checked By

Authorized Signatory



TEST REPORT

Issued to

M/s Tata Realty & Infrastructure Ltd.
 10th Floor Mixed Use Development Project
 Sec-72, Gurgaon, Haryana



Doc No.

ELPL/IV/QF/20

Lab Reference No.

Issue Date

Your Reference

Amend. No. & Amend.
 Date : 02 & 17.02.2018

: 210930005 DN

: 09/10/2021

: Email

(Page 1 of 1)

Sample Particulars: DG Noise monitoring was done at Mixed Use Development Project, Sector-72 Gurgaon, Haryana on 29/09/2021.

Type of sample	: DG Noise	Sample Registration Date	: 30/09/2021
Sampling Date	: 29/09/2021	Analysis Starting Date	: 29/09/2021
Sampling Done by	: Lab representative	Analysis Completion Date	: 29/09/2021
Quantity received	: 01 Sample	Tests Required	: Mentioned below
Sample's Location	: Project Site (DG-1)	Sampling Method	: ELPL/III/SOP/37
Details of DG Set	: Capacity- 2000 KVA DG Engine No- 85004316 DG Make & Model- Cummins & QSK-60-G4		

Test Results

S.no.	Description	Unit	Result	Specification	Test Method
1.	Acoustic enclosure (Open Door) Sound level pressure	dB(A)	104.8	-	ELPL/III/SOP/37
2	Acoustic enclosure (Closed Door) Sound level pressure	dB(A)	74.5	75	ELPL/III/SOP/37
3	Insertion Loss	dB(A)	30.3	25	ELPL/III/SOP/37

*****END OF REPORT*****


 Analyzed By


 Checked By


 Authorized Signatory


TEST REPORT

Issued to

M/s Tata Realty & Infrastructure Ltd.
10th Floor Mixed Use Development Project
Sec-72, Gurgaon, Haryana



Doc No.

ELPL/IV/QF/20

Lab Reference No.

Issue Date

Your Reference

Amend. No. & Amend.
Date : 02 & 17.02.2018

: 210930006 E

: 09/10/2021

: Email

(Page 1 of 1)

Sample Particulars: DG Stack monitoring was done at Mixed Use Development Project, Sector-72 Gurgaon, Haryana on 29/09/2021.

Type of sample	: DG Stack	Sample Registration Date	: 30/09/2021
Sampling Date	: 29/09/2021	Testing Starting Date	: 30/09/2021
Sampling Done by	: Lab representative	Testing Completion Date	: 08/10/2021
Quantity received	: 01 Sample	Tests Required	: Mentioned below
Sample's Location	: Project Site (DG-3)	Sampling Method	: ELPL/III/SOP/32

DG Capacity	: 1600 KW (2000 KVA)
Source of Emission	: Stack attached to DG Set
DG Engine No	: 85004782
DG Make & Model	: Cummins & QSK-60-G4
Type of fuel used	: HSD
Type of Stack	: Round
Operating Schedule	: As per requirement
Diameter of Stack (m)	: 0.25
Height of Stack from Ground level (m)	: 30
Height of Stack from roof level (m)	: -
Time of sampling (minutes)	: 40
Ambient Temperature (k)	: 303
Stack Temperature (k)	: 485
Average velocity of flue emission (m/s)	: 9.86
Isokinetic flow rate (l/m)	: 24.7
Flue gas flow rate (m ³ /hr.)	: 1741.5
Control Measures (if any)	: Nil
Remark (If any)	: Nil

S.no.	Test Parameters	Results	Units	Test Method	Emission Limits as per EP Rules
1.	Particulate Matter(PM)	61.6	mg/Nm ³	IS 11255(P-1)	75
2.	Sulphur Dioxide(SO ₂)	68	mg/Nm ³	IS 11255(P-2)	Not specified
3.	Oxides of Nitrogen(NOx)	266	ppmv	IS 11255(P-7)	710
4.	Hydrocarbon(HC) as CH ₄	24	mg/Nm ³	IS 5182(P-17)	100
5.	Carbon monoxide(CO)	62	mg/Nm ³	IS 13270:1992	150

*****END OF REPORT*****

Analyzed By

V. Kumar

Checked By

Santhi

Authorized Signatory



TEST REPORT

Issued to

M/s Tata Realty & Infrastructure Ltd.
10th Floor Mixed Use Development Project
Sec-72, Gurgaon, Haryana



Doc No. : ELPL/IV/QF/20
Lab Reference No. : 210930007 DN
Issue Date : 09/10/2021
Your Reference : Email
Amend. No. & Amend. Date : 02 & 17.02.2018
(Page1of 1)

Sample Particulars: DG Noise monitoring was done at Mixed Use Development Project, Sector-72 Gurgaon, Haryana on 29/09/2021.

Type of sample	: DG Noise	Sample Registration Date	: 30/09/2021
Sampling Date	: 29/09/2021	Analysis Starting Date	: 29/09/2021
Sampling Done by	: Lab representative	Analysis Completion Date	: 29/09/2021
Quantity received	: 01 Sample	Tests Required	: Mentioned below
Sample's Location	: Project Site (DG-3)	Sampling Method	: ELPL/III/SOP/37
Details of DG Set	: Capacity- 2000 KVA DG Engine No- 85004782 DG Make & Model- Cummins & QSK-60-G4		

Test Results

S.no.	Description	Unit	Result	Specification	Test Method
1.	Acoustic enclosure (Open Door) Sound level pressure	dB(A)	104.6	-	ELPL/III/SOP/37
2	Acoustic enclosure (Closed Door) Sound level pressure	dB(A)	74.5	75	ELPL/III/SOP/37
3	Insertion Loss	dB(A)	30.1	25	ELPL/III/SOP/37

*****END OF REPORT*****

V. Kumar
Analyzed By

Sneh Sonita
Checked By

[Signature]
Authorized Signatory

TEST REPORT

Issued to

M/s Tata Realty & Infrastructure Ltd.
10th Floor Mixed Use Development Project
Sec-72, Gurgaon, Haryana



Doc No. : ELPL/IV/QF/20
Lab Reference No. : 210930008 E
Issue Date : 09/10/2021
Your Reference : Email
(Page 1 of 1)

Sample Particulars: DG Stack monitoring was done at Mixed Use Development Project, Sector-72 Gurgaon, Haryana on 29/09/2021.

Type of sample	: DG Stack	Sample Registration Date	: 30/09/2021
Sampling Date	: 29/09/2021	Testing Starting Date	: 30/09/2021
Sampling Done by	: Lab representative	Testing Completion Date	: 08/10/2021
Quantity received	: 01 Sample	Tests Required	: Mentioned below
Sample's Location	: Project Site (DG-2)	Sampling Method	: ELPL/III/SOP/32

DG Capacity : 1600 KW (2000 KVA)
Source of Emission : Stack attached to DG Set
DG Engine No : 85004238
DG Make & Model : Cummins & QSK-60-G4
Type of fuel used : HSD
Type of Stack : Round
Operating Schedule : As per requirement
Diameter of Stack (m) : 0.25
Height of Stack from Ground level (m) : 30
Height of Stack from roof level (m) : -
Time of sampling (minutes) : 41
Ambient Temperature (k) : 303
Stack Temperature (k) : 498
Average velocity of flue emission (m/s) : 9.89
Isokinetic flow rate (l/m) : 24.15
Flue gas flow rate (m³/hr.) : 1746.8
Control Measures (if any) : Nil
Remark (If any) : Nil

S.no.	Test Parameters	Results	Units	Test Method	Emission Limits as per EP Rules
1.	Particulate Matter(PM)	64.1	mg/Nm ³	IS 11255(P-1)	75
2.	Sulphur Dioxide(SO ₂)	72.6	mg/Nm ³	IS 11255(P-2)	Not specified
3.	Oxides of Nitrogen(NO _x)	276	ppmv	IS 11255(P-7)	710
4.	Hydrocarbon(HC) as CH ₄	26	mg/Nm ³	IS 5182(P-17)	100
5.	Carbon monoxide(CO)	64	mg/Nm ³	IS 13270:1992	150

*****END OF REPORT*****

Analyzed By

Checked By

Authorized Signatory



TEST REPORT

Issued to

M/s Tata Realty & Infrastructure Ltd.
10th Floor Mixed Use Development Project
Sec-72, Gurgaon, Haryana



Doc No. : ELPL/IV/QF/20
Lab Reference No. : 210930009 DN
Issue Date : 09/10/2021
Your Reference : Email
(Page 1 of 1)

Sample Particulars: DG Noise monitoring was done at Mixed Use Development Project, Sector-72 Gurgaon, Haryana on 29/09/2021.

Type of sample	: DG Noise	Sample Registration Date	: 30/09/2021
Sampling Date	: 29/09/2021	Analysis Starting Date	: 29/09/2021
Sampling Done by	: Lab representative	Analysis Completion Date	: 29/09/2021
Quantity received	: 01 Sample	Tests Required	: Mentioned below
Sample's Location	: Project Site (DG-2)	Sampling Method	: ELPL/III/SOP/37
Details of DG Set	: Capacity- 2000 KVA DG Engine No- 85004238 DG Make & Model- Cummins & QSK-60-G4		

Test Results

S.no.	Description	Unit	Result	Specification	Test Method
1.	Acoustic enclosure (Open Door) Sound level pressure	dB(A)	103.9	-	ELPL/III/SOP/37
2	Acoustic enclosure (Closed Door) Sound level pressure	dB(A)	74.4	75	ELPL/III/SOP/37
3	Insertion Loss	dB(A)	29.5	25	ELPL/III/SOP/37

*****END OF REPORT*****

V. Kumar
Analyzed By

Sneh Smita
Checked By

[Signature]
Authorized Signatory
ECOSTEPS LABORATORY PRIVATE LIMITED
Signatory

TEST REPORT

Issued to

M/s Tata Realty & Infrastructure Ltd.
10th Floor Mixed Use Development Project
Sec-72, Gurgaon, Haryana



Doc No. : ELPL/IV/QF/20
Amend. No. & Amend. Date : 02 & 17.02.2018
Lab Reference No. : 210930010 A
Issue Date : 09/10/2021
Your Reference : Email
(Page1of 1)

Sample Particulars: Ambient Air Monitoring was monitored at Mixed Use Development Project, Sector-72 Gurgaon, Haryana on 29/09/2021 -30/09/2021.

Type of sample	: Ambient Air	Sample Registration Date	: 30/09/2021
Sampling Date	: 29/09/2021 -30/09/2021	Analysis Starting Date	: 30/09/2021
Sampling Done by	: Lab representative	Analysis Completion Date	: 08/10/2021
Quantity received	: 24 Hourly Sample	Tests Required	: Mentioned below
Sample's Location	: Near Tower-B	Sampling Method	: ELPL/III/SOP/21

Test Results

S.No.	Test Parameters	Units	Results	NAAQS	Test Method
1	Particulate Matter as PM ₁₀	µg/m ³	202	100 (24 Hourly)	IS 5182 (Pt-23)
2	Particulate Matter as PM _{2.5}	µg/m ³	102.6	060 (24 Hourly)	ELPL/III/SOP/23
3	Sulphur Dioxide as SO ₂	µg/m ³	14.4	080 (24 Hourly)	IS 5182 (Pt-02)
4	Oxides of Nitrogen as NO _x	µg/m ³	39.6	080 (24 Hourly)	IS 5182 (Pt-06)
5	Carbon Monoxide as CO	mg/m ³	0.45	002 (08 Hourly)	IS 5182 (Pt-10)

*****END OF REPORT*****

V. Kumar
Analyzed By

Sneh Mittal
Checked By

[Signature]
Authorized Signatory

TEST REPORT

Issued to

M/s Tata Realty & Infrastructure Ltd.
10th Floor Mixed Use Development Project
Sec-72, Gurgaon, Haryana



Doc No. : ELPL/IV/QF/20
Amend. No. & Amend. Date : 02 & 27.02.2018
Lab Reference No. : 210930011 N
Issue Date : 09/10/2021
Your Reference : Email
(Page 1 of 1)

Sample Particulars: Ambient Noise Monitoring was monitored at Mixed Use Development Project, Sector-72 Gurgaon, Haryana on 29/09/2021 -30/09/2021.

Type of sample	: Ambient Noise	Sample Registration Date	: 30/09/2021
Sampling Date	: 29/09/2021 -30/09/2021	Analysis Starting Date	: 30/09/2021
Sampling Done by	: Lab representative	Analysis Completion Date	: 01/10/2021
Quantity received	: 24 Hourly Sample	Tests Required	: Mentioned below
Sample's Location	: Near Tower - B	Sampling Method	: ELPL/III/SOP/37

Test Results

Time	Unit	Leq	Method
Day Time(06:00 am to 10:00 pm)	dB(A)	63.8	ELPL/III/SOP/37
Night Time(10:00 pm to 06:00 am)	dB(A)	52.9	ELPL/III/SOP/37

Standards for Ambient Noise As per Noise Pollution (Regulation & Control Rule-2000)			
Area Code	Category of Area/Zone	Limits in dB (A) Leq*	
		Day time	Night time
(A)	Industrial area	75	70
(B)	Commercial area	65	55
(C)	Residential area	55	45
(D)	Silence Zone	50	40

*****END OF REPORT*****

*Leq : It is energy mean of the noise level over a specified period.

Analyzed By
V. Kumar

Checked By
Sneha Mittal

Authorized Signatory
[Signature]
ECOSTEPS LABORATORY PRIVATE LIMITED

TEST REPORT

Issued to

M/s Tata Realty & Infrastructure Ltd.
10th Floor Mixed Use Development Project
Sec-72, Gurgaon, Haryana



Doc No. : ELPL/IV/QF/20
Amend. No. & Amend. Date : 02 & 17.02.2018
Lab Reference No. : 210930012 A
Issue Date : 09/10/2021
Your Reference : Email
(Page1of 1)

Sample Particulars: Ambient Air Monitoring was monitored at Mixed Use Development Project, Sector-72 Gurgaon, Haryana on 29/09/2021 -30/09/2021.

Type of sample	: Ambient Air	Sample Registration Date	: 30/09/2021
Sampling Date	: 29/09/2021 -30/09/2021	Analysis Starting Date	: 30/09/2021
Sampling Done by	: Lab representative	Analysis Completion Date	: 08/10/2021
Quantity received	: 24 Hourly Sample	Tests Required	: Mentioned below
Sample's Location	: Near Gate No-2	Sampling Method	: ELPL/III/SOP/21

Test Results

S.No.	Test Parameters	Units	Results	NAAQS	Test Method
1	Particulate Matter as PM ₁₀	µg/m ³	212	100 (24 Hourly)	IS 5182 (Pt-23)
2	Particulate Matter as PM _{2.5}	µg/m ³	109.4	060 (24 Hourly)	ELPL/III/SOP/23
3	Sulphur Dioxide as SO ₂	µg/m ³	14.9	080 (24 Hourly)	IS 5182 (Pt-02)
4	Oxides of Nitrogen as NO _x	µg/m ³	41.9	080 (24 Hourly)	IS 5182 (Pt-06)
5	Carbon Monoxide as CO	mg/m ³	0.49	002 (08 Hourly)	IS 5182 (Pt-10)

*****END OF REPORT*****

V. Kumar
Analyzed By

Sneh Mishra
Checked By

[Signature]
Authorized Signatory
ECOSTEPS LABORATORY PRIVATE LIMITED
Signatory

TEST REPORT

Issued to

M/s Tata Realty & Infrastructure Ltd.
10th Floor Mixed Use Development Project
Sec-72, Gurgaon, Haryana



Doc No. : ELPL/IV/QF/20
Amend. No. & Amend. Date : 02 & 27.02.2018
Lab Reference No. : 210930013 N
Issue Date : 09/10/2021
Your Reference : Email
(Page1of 1)

Sample Particulars: Ambient Noise Monitoring was monitored at Mixed Use Development Project, Sector-72 Gurgaon, Haryana on 29/09/2021 -30/09/2021.

Type of sample	: Ambient Noise	Sample Registration Date	: 30/09/2021
Sampling Date	: 29/09/2021 -30/09/2021	Analysis Starting Date	: 30/09/2021
Sampling Done by	: Lab representative	Analysis Completion Date	: 01/10/2021
Quantity received	: 24 Hourly Sample	Tests Required	: Mentioned below
Sample's Location	: Near Gate No-2	Sampling Method	: ELPL/III/SOP/37

Test Results

Time	Unit	Leq	Method
Day Time(06:00 am to 10:00 pm)	dB(A)	63.1	ELPL/III/SOP/37
Night Time(10:00 pm to 06:00 am)	dB(A)	52.4	ELPL/III/SOP/37

Standards for Ambient Noise As per Noise Pollution (Regulation & Control Rule-2000)			
Area Code	Category of Area/Zone	Limits in dB (A) Leq*	
		Day time	Night time
(A)	Industrial area	75	70
(B)	Commercial area	65	55
(C)	Residential area	55	45
(D)	Silence Zone	50	40

*****END OF REPORT*****

*Leq : It is energy mean of the noise level over a specified period.

Analyzed By
V. Kumar

Checked By
Sneha Mittal

Authorized Signatory
[Signature]
ECOSTEPS LABORATORY PRIVATE LIMITED
Signatory

TEST REPORT

Issued to

M/s Tata Realty & Infrastructure Ltd.
10th Floor Mixed Use Development Project
Sec-72, Gurgaon, Haryana



Doc No. : ELPL/IV/QF/20
 Amend. No. & Amend. Date : 02 & 17.02.2018
 Lab Reference No. : 210930014 A
 Issue Date : 09/10/2021
 Your Reference : Email
 (Page1 of 1)

Sample Particulars: Ambient Air Monitoring was monitored at Mixed Use Development Project, Sector-72 Gurgaon, Haryana on 29/09/2021 -30/09/2021.

Type of sample	: Ambient Air	Sample Registration Date	: 30/09/2021
Sampling Date	: 29/09/2021 -30/09/2021	Analysis Starting Date	: 30/09/2021
Sampling Done by	: Lab representative	Analysis Completion Date	: 08/10/2021
Quantity received	: 24 Hourly Sample	Tests Required	: Mentioned below
Sample's Location	: Near Gate No-1	Sampling Method	: ELPL/III/SOP/21

Test Results

S.No.	Test Parameters	Units	Results	NAAQS	Test Method
1	Particulate Matter as PM ₁₀	µg/m ³	198	100 (24 Hourly)	IS 5182 (Pt-23)
2	Particulate Matter as PM _{2.5}	µg/m ³	107.5	060 (24 Hourly)	ELPL/III/SOP/23
3	Sulphur Dioxide as SO ₂	µg/m ³	14.1	080 (24 Hourly)	IS 5182 (Pt-02)
4	Oxides of Nitrogen as NO _x	µg/m ³	40.8	080 (24 Hourly)	IS 5182 (Pt-06)
5	Carbon Monoxide as CO	mg/m ³	0.47	002 (08 Hourly)	IS 5182 (Pt-10)

*****END OF REPORT*****


 Analyzed By


 Checked By


 Authorized Signatory


TEST REPORT

Issued to

M/s Tata Realty & Infrastructure Ltd.
10th Floor Mixed Use Development Project
Sec-72, Gurgaon, Haryana



Doc No.

ELPL/IV/QF/20

Lab Reference No.

Issue Date

Your Reference

Amend. No. & Amend.
Date : 02 & 27.02.2018

: 210930015 N

: 09/10/2021

: Email
(Page1 of 1)

Sample Particulars: Ambient Noise Monitoring was monitored at Mixed Use Development Project, Sector-72 Gurgaon, Haryana on 29/09/2021 -30/09/2021.

Type of sample	: Ambient Noise	Sample Registration Date	: 30/09/2021
Sampling Date	: 29/09/2021 -30/09/2021	Analysis Starting Date	: 30/09/2021
Sampling Done by	: Lab representative	Analysis Completion Date	: 01/10/2021
Quantity received	: 24 Hourly Sample	Tests Required	: Mentioned below
Sample's Location	: Near Gate No-1	Sampling Method	: ELPL/III/SOP/37

Test Results

Time	Unit	Leq	Method
Day Time(06:00 am to 10:00 pm)	dB(A)	62.9	ELPL/III/SOP/37
Night Time(10:00 pm to 06:00 am)	dB(A)	52.0	ELPL/III/SOP/37

Standards for Ambient Noise As per Noise Pollution (Regulation & Control Rule-2000)			
Area Code	Category of Area/Zone	Limits in dB (A) Leq*	
		Day time	Night time
(A)	Industrial area	75	70
(B)	Commercial area	65	55
(C)	Residential area	55	45
(D)	Silence Zone	50	40

*****END OF REPORT*****

*Leq : It is energy mean of the noise level over a specified period.

V. Kumar
Analyzed By

Sneha Mittal
Checked By

[Signature]
Authorized Signatory
ECOSTEPS LABORATORY PRIVATE LIMITED
Signatory

TEST REPORT

Issued to

M/s Tata Realty & Infrastructure Ltd.
10th Floor Mixed Use Development Project
Sec-72, Gurgaon, Haryana



Doc No. : ELPL/IV/QF/20
Amend. No. & Amend. Date : 02 & 17.02.2018
Lab Reference No. : 210930016 W
Issue Date : 09/10/2021
Your Reference : Email

Sample Particulars: Domestic Treated water sample was collected at Mixed Use Development Project, Sector-72 Gurgaon, Haryana on 29/09/2021.

Type of sample : Domestic Treated Water	Sample Registration Date : 30/09/2021
Sampling Date : 29/09/2021	Analysis Starting Date : 30/09/2021
Sampling Done by : Lab representative	Analysis Completion Date : 08/10/2021
Quantity received : 2 Ltr approx.	Tests Required : Mentioned below
Sample's Location : Project Site	Sampling Method : ELPL/III/SOP/20

S.No	Test Parameters	Units	Results	IS 10500 : 2012		Test Method
				Acceptable Limit, max.	Permissible Limit in the Absence of Alternate source, max.	
1	Color	Hazen	BDL(DL5.0)	5	15	IS 3025 (Pt-04)
2	Odour	-	Agreeable	Agreeable	Agreeable	IS 3025 (Pt-05)
3	pH	-	7.45	6.5-8.5	No relaxation	IS 3025 (Pt-11)
4	Taste	-	Agreeable	Agreeable	Agreeable	IS 3025 (Pt-08)
5	Turbidity	NTU	BDL(DL1.0)	1	5	IS 3025 (Pt-10)
6	Total Dissolved Solids	mg/l	192	500	2000	IS 3025 (Pt-16)
7	Calcium as Ca	mg/l	33.7	75	200	IS 3025 (Pt-40)
8	Chloride as Cl	mg/l	41.7	250	1000	IS 3025 (Pt-32)
9	Fluoride as F	mg/l	0.26	1.0	1.5	APHA 23 rd Ed 4500F
10	Free Residual Chlorine	mg/l	BDL(DL0.05)	0.2*	1*	IS 3025 (Pt-26)
11	Sulphate as SO ₄	mg/l	18.6	200	400	IS 3025 (Pt-24)
12	Total Alkalinity as CaCO ₃	mg/l	48	200	600	IS 3025 (Pt-23)
13	Total Hardness as CaCO ₃	mg/l	108	200	600	IS 3025 (Pt-21)
14	Iron as Fe	mg/l	BDL(DL0.05)	1.0	No relaxation	IS 3025 (Pt-53)
15	Magnesium as Mg	mg/l	5.8	30	100	APHA 23 rd Ed.3500 B

*****END OF REPORT*****

BDL – Below Detection Limit
DL- Detection Limit

V. Kumar
Analyzed By

Sneh Smita
Checked By

[Signature]
Authorized Signatory



TEST REPORT

Issued to

M/s Tata Realty & Infrastructure Ltd.
10th Floor Mixed Use Development Project
Sec-72, Gurgaon, Haryana



Doc No. : ELPL/IV/QF/20
Amend. No. & Amend. Date : 02 & 17.02.2018
Lab Reference No. : 210810001 W
Issue Date : 14/08/2021
Your Reference : Email

Sample Particulars: Domestic Raw water sample was collected at Mixed Use Development Project, Sector-72 Gurgaon, Haryana on 09/08/2021.

Type of sample	: Domestic Raw Water	Sample Registration Date	: 10/08/2021
Sampling Date	: 09/08/2021	Analysis Starting Date	: 10/08/2021
Sampling Done by	: Lab representative	Analysis Completion Date	: 14/08/2021
Quantity received	: 2 Ltr approx.	Tests Required	: Mentioned below
Sample's Location	: WTP Room	Sampling Method	: ELPL/III/SOP/20

S.No	Test Parameters	Units	Results	IS 10500 : 2012		Test Method
				Acceptable Limit, max.	Permissible Limit in the Absence of Alternate source, max.	
1	Color	Hazen	BDL(DL5.0)	5	15	IS 3025 (Pt-04)
2	Odour	-	Agreeable	Agreeable	Agreeable	IS 3025 (Pt-05)
3	pH	-	7.24	6.5-8.5	No relaxation	IS 3025 (Pt-11)
4	Taste	-	Agreeable	Agreeable	Agreeable	IS 3025 (Pt-08)
5	Turbidity	NTU	BDL(DL1.0)	1	5	IS 3025 (Pt-10)
6	Total Dissolved Solids	mg/l	192	500	2000	IS 3025 (Pt-16)
7	Calcium as Ca	mg/l	32.1	75	200	IS 3025 (Pt-40)
8	Chloride as Cl	mg/l	38	250	1000	IS 3025 (Pt-32)
9	Fluoride as F	mg/l	0.26	1.0	1.5	APHA 23 rd Ed 4500F
10	Free Residual Chlorine	mg/l	BDL(DL0.05)	0.2*	1*	IS 3025 (Pt-26)
11	Sulphate as SO ₄	mg/l	24.2	200	400	IS 3025 (Pt-24)
12	Total Alkalinity as CaCO ₃	mg/l	50	200	600	IS 3025 (Pt-23)
13	Total Hardness as CaCO ₃	mg/l	108	200	600	IS 3025 (Pt-21)
14	Iron as Fe	mg/l	BDL(DL0.05)	1.0	No relaxation	IS 3025 (Pt-53)
15	Magnesium as Mg	mg/l	6.8	30	100	APHA 23 rd Ed.3500 B

*****END OF REPORT*****

BDL – Below Detection Limit
DL- Detection Limit

Analyzed By
(Vikash Kumar)

Authorized Signatory
(Purushottam Kumar Sharma)

TEST REPORT

Issued to

M/s Tata Realty & Infrastructure Ltd.
10th Floor Mixed Use Development Project
Sec-72, Gurgaon, Haryana



Doc No. : ELPL/IV/QF/20
Amend. No. & Amend. Date : 02 & 17.02.2018
Lab Reference No. : 210810002 W
Issue Date : 14/08/2021
Your Reference : Email

Sample Particulars: Domestic water sample was collected at Mixed Use Development Project, Sector-72 Gurgaon, Haryana on 09/08/2021.


Type of sample : Domestic Water	Sample Registration Date : 10/08/2021
Sampling Date : 09/08/2021	Analysis Starting Date : 10/08/2021
Sampling Done by : Lab representative	Analysis Completion Date : 14/08/2021
Quantity received : 2 Ltr approx.	Tests Required : Mentioned below
Sample's Location : WTP Room	Sampling Method : ELPL/III/SOP/20

Page 1 of 1

S.No	Test Parameters	Units	Results	IS 10500 : 2012		Test Method
				Acceptable Limit, max.	Permissible Limit in the Absence of Alternate source, max.	
1	Color	Hazen	BDL(DL5.0)	5	15	IS 3025 (Pt-04)
2	Odour	-	Agreeable	Agreeable	Agreeable	IS 3025 (Pt-05)
3	pH	-	7.34	6.5-8.5	No relaxation	IS 3025 (Pt-11)
4	Taste	-	Agreeable	Agreeable	Agreeable	IS 3025 (Pt-08)
5	Turbidity	NTU	BDL(DL1.0)	1	5	IS 3025 (Pt-10)
6	Total Dissolved Solids	mg/l	198	500	2000	IS 3025 (Pt-16)
7	Calcium as Ca	mg/l	36.9	75	200	IS 3025 (Pt-40)
8	Chloride as Cl	mg/l	28.2	250	1000	IS 3025 (Pt-32)
9	Fluoride as F	mg/l	0.28	1.0	1.5	APHA 23 rd Ed 4500F
10	Free Residual Chlorine	mg/l	BDL(DL0.05)	0.2*	1*	IS 3025 (Pt-26)
11	Sulphate as SO ₄	mg/l	32.4	200	400	IS 3025 (Pt-24)
12	Total Alkalinity as CaCO ₃	mg/l	46	200	600	IS 3025 (Pt-23)
13	Total Hardness as CaCO ₃	mg/l	156	200	600	IS 3025 (Pt-21)
14	Iron as Fe	mg/l	BDL(DL0.05)	1.0	No relaxation	IS 3025 (Pt-53)
15	Magnesium as Mg	mg/l	15.6	30	100	APHA 23 rd Ed.3500 B

*****END OF REPORT*****

BDL – Below Detection Limit
 DL- Detection Limit


Analyzed By
 (Vikash Kumar)


Authorized Signatory
 (Purushottam Kumar Sharma)



TEST REPORT

Issued to

M/s Tata Realty & Infrastructure Ltd.
 10th Floor Mixed Use Development Project
 Sec-72, Gurgaon, Haryana




Doc No. : ELPL/IV/QF/20
 Lab Reference No. : 210810003 W
 Issue Date : 14/08/2021
 Your Reference : Email
 Amend. No. & Amend. Date : 02 & 17.02.2018

Sample Particulars: STP Inlet water sample was collected at Mixed Use Development Project, Sector-72 Gurgaon, Haryana on 09/08/2021.

Type of sample	: STP Inlet	Sample Registration Date	: 10/08/2021
Sampling Date	: 09/08/2021	Analysis Starting Date	: 10/08/2021
Sampling Done by	: Lab representative	Analysis Completion Date	: 14/08/2021
Quantity received	: 2 Ltr approx.	Tests Required	: Mentioned below
Sample's Location	: STP Plant	Sampling Method	: ELPL/III/SOP/20

S.No.	Test Parameters	Units	Results	Test Method
1	pH	-	6.84	IS 3025 (P-11)
2	Oil and grease	mg/l	22.6	IS 3025 (P-39)
3	Biochemical oxygen demand as BOD at 27 ^o C for 3 days	mg/l	124	IS 3025 (P-44)
4	Chemical oxygen demand as COD	mg/l	482	IS 3025 (P-58)
5	Total suspended solids as TSS	mg/l	118	IS 3025 (P-17)

*****END OF REPORT*****


 Analyzed By
 (Vikash Kumar)


 Authorized Signatory
 (Purushottam Kumar Sharma)



TEST REPORT

Issued to

M/s Tata Realty & Infrastructure Ltd.
10th Floor Mixed Use Development Project
Sec-72, Gurgaon, Haryana



Doc No. : ELPL/IV/QF/20
Amend. No. & Amend. Date : 02 & 17.02.2018
Lab Reference No. : 210810004 W
Issue Date : 14/08/2021
Your Reference : Email

Sample Particulars: STP Outlet water sample was collected at Mixed Use Development Project, Sector-72 Gurgaon, Haryana on 09/08/2021.


Type of sample : STP Outlet	Sample Registration Date : 10/08/2021
Sampling Date : 09/08/2021	Analysis Starting Date : 10/08/2021
Sampling Done by : Lab representative	Analysis Completion Date : 14/08/2021
Quantity received : 2 Ltr approx.	Tests Required : Mentioned below
Sample's Location : STP Plant	Sampling Method : ELPL/III/SOP/20

Page 1 of 1

S.No.	Test Parameters	Units	Results	HSPCB Norm July 2020	Test Method
1	pH	-	7.37	5.0-9.0	IS 3025 (P-11)
2	Oil and grease	mg/l	1.5	NS	IS 3025 (P-39)
3	Biochemical oxygen demand as BOD at 27°C for 3 days	mg/l	7.2	10	IS 3025 (P-44)
4	Chemical oxygen demand as COD	mg/l	34	50	IS 3025 (P-58)
5	Total suspended solids as TSS	mg/l	09	20	IS 3025 (P-17)

*****END OF REPORT*****

NS = Not Specified


Analyzed By
 (Vikash Kumar)


Authorized Signatory
 (Purushottam Kumar Sharma)



TEST REPORT

Issued to

**M/s Tata Realty & Infrastructure Ltd.
 10th Floor Mixed Use Development Project
 Sec-72, Gurgaon, Haryana**



Doc No.
 ELPL/IV/QF/20

Lab Reference No.

Issue Date

Your Reference

**Amend. No. & Amend.
 Date :** 02 & 17.02.2018
: 210810005 E
: 14/08/2021
: Email
 (Page1of 1)

Sample Particulars: DG Stack monitoring was done at Mixed Use Development Project, Sector-72 Gurgaon, Haryana on 09/08/2021.

Type of sample	: DG Stack	Sample Registration Date	: 10/08/2021
Sampling Date	: 09/08/2021	Analysis Starting Date	: 10/08/2021
Sampling Done by	: Lab representative	Analysis Completion Date	: 14/08/2021
Quantity received	: 01 Sample	Tests Required	: Mentioned below
Sample's Location	: Project Site (DG-1)	Sampling Method	: ELPL/III/SOP/32

DG Capacity : 1600 KW (2000 KVA)
 Source of Emission : Stack attached to DG Set
 DG Engine Number : 85004316
 DG Make & Model : Cummins & QSK-60-4G
 Type of fuel used : HSD
 Type of Stack : Round
 Operating Schedule : As per requirement
 Diameter of Stack (m) : 0.25
 Height of Stack from Ground level (m) : 30
 Height of Stack from roof level (m) : -
 Time of sampling (minutes) : 51
 Ambient Temperature (k) : 302
 Stack Temperature (k) : 634
 Average velocity of flue emission (m/s) : 10.15
 Isokinetic flow rate (l/m) : 19.4
 Flue gas flow rate (m³/hr.) : 1792.7
 Control Measures (if any) : Nil
 Remark (If any) : Nil

S.no.	Test Parameters	Results	Units	Test Method	Emission Limits as per EP Rules
1.	Particulate Matter(PM)	54.8	mg/Nm ³	IS 11255(P-1)	75
2.	Sulphur Dioxide(SO ₂)	61.4	mg/Nm ³	IS 11255(P-2)	Not specified
3.	Oxides of Nitrogen(NOx)	228.6	ppmv	IS 11255(P-7)	710
4.	Hydrocarbon(HC) as CH ₄	23	mg/Nm ³	IS 5182(P-17)	100
5.	Carbon monoxide(CO)	56	mg/Nm ³	IS 13270:1992	150

*****END OF REPORT*****

V. Kumar
Analyzed By
 (Vikash Kumar)

Purushottam Kumar Sharma
Authorized Signatory
 (Purushottam Kumar Sharma)



TEST REPORT

Issued to

M/s Tata Realty & Infrastructure Ltd.
10th Floor Mixed Use Development Project
Sec-72, Gurgaon, Haryana



Doc No. : ELPL/IV/QF/20
Lab Reference No. :
Issue Date :
Your Reference :

Amend. No. & Amend. Date : 02 & 17.02.2018
 : 210810006 E
 : 14/08/2021
 : Email
 (Page1 of 1)

Sample Particulars: DG Stack monitoring was done at Mixed Use Development Project, Sector-72 Gurgaon, Haryana on 09/08/2021.

Type of sample	: DG Stack	Sample Registration Date	: 10/08/2021
Sampling Date	: 09/08/2021	Analysis Starting Date	: 10/08/2021
Sampling Done by	: Lab representative	Analysis Completion Date	: 14/08/2021
Quantity received	: 01 Sample	Tests Required	: Mentioned below
Sample's Location	: Project Site (DG-2)	Sampling Method	: ELPL/III/SOP/32

DG Capacity : 1600 KW (2000 KVA)
 Source of Emission : Stack attached to DG Set
 DG Engine Number : 85004238
 DG Make & Model : Cummins & QSK-60-4G
 Type of fuel used : HSD
 Type of Stack : Round
 Operating Schedule : As per requirement
 Diameter of Stack (m) : 0.25
 Height of Stack from Ground level (m) : 30
 Height of Stack from roof level (m) : -
 Time of sampling (minutes) : 48
 Ambient Temperature (k) : 302
 Stack Temperature (k) : 648
 Average velocity of flue emission (m/s) : 11.24
 Isokinetic flow rate (l/m) : 21.1
 Flue gas flow rate (m³/hr.) : 1985.2
 Control Measures (if any) : Nil
 Remark (If any) : Nil

S.no.	Test Parameters	Results	Units	Test Method	Emission Limits as per EP Rules
1.	Particulate Matter(PM)	60.4	mg/Nm ³	IS 11255(P-1)	75
2.	Sulphur Dioxide(SO ₂)	58.2	mg/Nm ³	IS 11255(P-2)	Not specified
3.	Oxides of Nitrogen(NOx)	235.5	ppmv	IS 11255(P-7)	710
4.	Hydrocarbon(HC) as CH ₄	24	mg/Nm ³	IS 5182(P-17)	100
5.	Carbon monoxide(CO)	59	mg/Nm ³	IS 13270:1992	150

*****END OF REPORT*****

V. Kumar
Analyzed By
 (Vikash Kumar)

Purushottam Kumar Sharma
Authorized Signatory
 (Purushottam Kumar Sharma)



TEST REPORT

Issued to

M/s Tata Realty & Infrastructure Ltd.
10th Floor Mixed Use Development Project
Sec-72, Gurgaon, Haryana



Doc No. : Amend. No. & Amend. Date : 02 & 17.02.2018
ELPL/IV/QF/20
Lab Reference No. : 210810007 E
Issue Date : 14/08/2021
Your Reference : Email
 (Page1of 1)

Sample Particulars: DG Stack monitoring was done at Mixed Use Development Project, Sector-72 Gurgaon, Haryana on 09/08/2021.

Type of sample	: DG Stack	Sample Registration Date	: 10/08/2021
Sampling Date	: 09/08/2021	Analysis Starting Date	: 10/08/2021
Sampling Done by	: Lab representative	Analysis Completion Date	: 14/08/2021
Quantity received	: 01 Sample	Tests Required	: Mentioned below
Sample's Location	: Project Site (DG-3)	Sampling Method	: ELPL/III/SOP/32

DG Capacity : 1600 KW (2000 KVA)
 Source of Emission : Stack attached to DG Set
 DG Engine Number : 85004782
 DG Make & Model : Cummins & QSK-60-4G
 Type of fuel used : HSD
 Type of Stack : Round
 Operating Schedule : As per requirement
 Diameter of Stack (m) : 0.25
 Height of Stack from Ground level (m) : 30
 Height of Stack from roof level (m) : -
 Time of sampling (minutes) : 46
 Ambient Temperature (k) : 302
 Stack Temperature (k) : 615
 Average velocity of flue emission (m/s) : 10.95
 Isokinetic flow rate (l/m) : 21.64
 Flue gas flow rate (m³/hr.) : 1934.0
 Control Measures (if any) : Nil
 Remark (If any) : Nil

S.no.	Test Parameters	Results	Units	Test Method	Emission Limits as per EP Rules
1.	Particulate Matter(PM)	62.2	mg/Nm ³	IS 11255(P-1)	75
2.	Sulphur Dioxide(SO ₂)	61.6	mg/Nm ³	IS 11255(P-2)	Not specified
3.	Oxides of Nitrogen(NO _x)	256.1	ppmv	IS 11255(P-7)	710
4.	Hydrocarbon(HC) as CH ₄	25	mg/Nm ³	IS 5182(P-17)	100
5.	Carbon monoxide(CO)	62	mg/Nm ³	IS 13270:1992	150

*****END OF REPORT*****

V. Kumar
Analyzed By
(Vikash Kumar)

Authorized Signatory
(Purushottam Kumar Sharma)



TEST REPORT

Issued to

M/s Tata Realty & Infrastructure Ltd.
10th Floor Mixed Use Development Project
Sec-72, Gurgaon, Haryana

Doc No.

ELPL/IV/QF/20

Amend. No. & Amend.

Date : 02 & 17.02.2018

Lab Reference No.

: 210814014 W

Issue Date

: 20/08/2021

Your Reference

: Email

Sample Particulars: Cooling Tower water was Collected from Mixed Use Development Project, Sector-72 Gurgaon, Haryana on 14/08/2021.

Type of sample	: Cooling Tower Water	Sample Registration Date	: 14/08/2021
Sampling Date	: 14/08/2021	Analysis Starting Date	: 14/08/2021
Sampling Done by	: Lab representative	Analysis Completion Date	: 20/08/2021
Quantity received	: 250 ml approx.	Tests Required	: Mentioned below
Sample's Location	: Cooling Tower	Sampling Method	: ELPL/III/SOP/85

Page 1 of 1

S.No.	Test Parameters	Units	Results	Permissible Limit.	Test Method
1	Legionella	Per ml	Absent	-	APHA 23 rd Ed

Madhavi
Analyzed By
(Madhavi Verma)

Purushottam Kumar Sharma
Authorized Signatory
(Purushottam Kumar Sharma)



TEST REPORT

Issued to

M/s Tata Realty & Infrastructure Ltd.
 10th Floor Mixed Use Development Project
 Sec-72, Gurgaon, Haryana



Doc No. : ELPL/IV/QF/20
 Lab Reference No. : 210716004 W
 Issue Date : 22/07/2021
 Your Reference : Email

Amend. No. & Amend.
 Date : 02 & 17.02.2018

Sample Particulars: STP Inlet water sample was collected at Mixed Use Development Project, Sector-72 Gurgaon, Haryana on 15/07/2021.

Type of sample	: STP Inlet	Sample Registration Date	: 16/07/2021
Sampling Date	: 15/07/2021	Analysis Starting Date	: 16/07/2021
Sampling Done by	: Lab representative	Analysis Completion Date	: 22/07/2021
Quantity received	: 2 Ltr approx.	Tests Required	: Mentioned below
Sample's Location	: STP Plant	Sampling Method	: ELPL/III/SOP/20

Page 1 of 1

S.No.	Test Parameters	Units	Results	Test Method
1	pH	-	6.99	IS 3025 (P-11)
2	Oil and grease	mg/l	27.1	IS 3025 (P-39)
3	Biochemical oxygen demand as BOD at 27 ^o C for 3 days	mg/l	130	IS 3025 (P-44)
4	Chemical oxygen demand as COD	mg/l	400	IS 3025 (P-58)
5	Total suspended solids as TSS	mg/l	154	IS 3025 (P-17)

*****END OF REPORT*****

Shalu
 Analyzed By
 (Shalu Srivastava)


 Authorized Signatory
 (Purushottam Kumar Sharma)

TEST REPORT

Issued to

M/s Tata Realty & Infrastructure Ltd.
10th Floor Mixed Use Development Project
Sec-72, Gurgaon, Haryana



Doc No. : ELPL/IV/QF/20
Amend. No. & Amend. Date : 02 & 17.02.2018
Lab Reference No. : 210716008 E
Issue Date : 22/07/2021
Your Reference : Email
 (Page 1 of 1)

Sample Particulars: DG Stack monitoring was done at Mixed Use Development Project, Sector-72 Gurgaon, Haryana on 15/07/2021.

Type of sample	: DG Stack	Sample Registration Date	: 16/07/2021
Sampling Date	: 15/07/2021	Analysis Starting Date	: 16/07/2021
Sampling Done by	: Lab representative	Analysis Completion Date	: 22/07/2021
Quantity received	: 01 Sample	Tests Required	: Mentioned below
Sample's Location	: Project Site (DG-3)	Sampling Method	: ELPL/III/SOP/32

DG Capacity : 1600 KW (2000 KVA)
 Source of Emission : Stack attached to DG Set
 DG Engine Number : 85004782
 DG Make & Model : Cummins & QSK-60-4G
 Type of fuel used : HSD
 Type of Stack : Round
 Operating Schedule : As per requirement
 Diameter of Stack (m) : 0.25
 Height of Stack from Ground level (m) : 30
 Height of Stack from roof level (m) : -
 Time of sampling (minutes) : 46
 Ambient Temperature (k) : 311
 Stack Temperature (k) : 642
 Average velocity of flue emission (m/s) : 11.4
 Isokinetic flow rate (l/m) : 21.58
 Flue gas flow rate (m³/hr.) : 2013.52
 Control Measures (if any) : Nil
 Remark (If any) : Nil

S.no.	Test Parameters	Results	Units	Test Method	Emission Limits as per EP Rules
1.	Particulate Matter(PM)	60.9	mg/Nm ³	IS 11255(P-1)	75
2.	Sulphur Dioxide(SO ₂)	65.2.	mg/Nm ³	IS 11255(P-2)	Not specified
3.	Oxides of Nitrogen(NOx)	239.9	ppmv	IS 11255(P-7)	710
4.	Hydrocarbon(HC) as CH ₄	23	mg/Nm ³	IS 5182(P-17)	100
5.	Carbon monoxide(CO)	56	mg/Nm ³	IS 13270:1992	150

*****END OF REPORT*****

V. Kumar
Analyzed By
 (Vikash Kumar)

Purushottam Kumar Sharma
Authorized Signatory
 (Purushottam Kumar Sharma)



TEST REPORT

Issued to

M/s Tata Realty & Infrastructure Ltd.
 10th Floor Mixed Use Development Project
 Sec-72, Gurgaon, Haryana



Doc No.
 ELPL/IV/QF/20

Lab Reference No.
 Issue Date
 Your Reference

Amend. No. & Amend.
 Date : 02 & 17.02.2018
 : 210716005 W
 : 22/07/2021
 : Email

Sample Particulars: STP Outlet water sample was collected at Mixed Use Development Project, Sector-72 Gurgaon, Haryana on 15/07/2021.

Type of sample	: STP Outlet	Sample Registration Date	: 16/07/2021
Sampling Date	: 15/07/2021	Analysis Starting Date	: 16/07/2021
Sampling Done by	: Lab representative	Analysis Completion Date	: 22/07/2021
Quantity received	: 2 Ltr approx.	Tests Required	: Mentioned below
Sample's Location	: STP Plant	Sampling Method	: ELPL/III/SOP/20

Page 1 of 1

S.No.	Test Parameters	Units	Results	HSPCB Norm July 2020	Test Method
1	pH	-	7.26	5.0-9.0	IS 3025 (P-11)
2	Oil and grease	mg/l	1.2	NS	IS 3025 (P-39)
3	Biochemical oxygen demand as BOD at 27°C for 3 days	mg/l	7.8	10	IS 3025 (P-44)
4	Chemical oxygen demand as COD	mg/l	38	50	IS 3025 (P-58)
5	Total suspended solids as TSS	mg/l	12	20	IS 3025 (P-17)

*****END OF REPORT*****

NS = Not Specified

Shalu
 Analyzed By
 (Shalu Srivastava)



Authorized Signatory
 (Purushottam Kumar Sharma)

TEST REPORT

Issued to

M/s Tata Realty & Infrastructure Ltd.
10th Floor Mixed Use Development Project
Sec-72, Gurgaon, Haryana



Doc No.

ELPL/IV/QF/20

Amend. No. & Amend.

Date : 02 & 17.02.2018

Lab Reference No.

: 210716007 E

Issue Date

: 22/07/2021

Your Reference

: Email

(Page1of 1)

Sample Particulars: DG Stack monitoring was done at Mixed Use Development Project, Sector-72 Gurgaon, Haryana on 15/07/2021.

Type of sample	: DG Stack	Sample Registration Date	: 16/07/2021
Sampling Date	: 15/07/2021	Analysis Starting Date	: 16/07/2021
Sampling Done by	: Lab representative	Analysis Completion Date	: 22/07/2021
Quantity received	: 01 Sample	Tests Required	: Mentioned below
Sample's Location	: Project Site (DG-2)	Sampling Method	: ELPL/III/SOP/32

DG Capacity : 1600 KW (2000 KVA)
 Source of Emission : Stack attached to DG Set
 DG Engine Number : 85004238
 DG Make & Model : Cummins & QSK-60-4G
 Type of fuel used : HSD
 Type of Stack : Round
 Operating Schedule : As per requirement
 Diameter of Stack (m) : 0.25
 Height of Stack from Ground level (m) : 30
 Height of Stack from roof level (m) : -
 Time of sampling (minutes) : 48
 Ambient Temperature (k) : 311
 Stack Temperature (k) : 684
 Average velocity of flue emission (m/s) : 11.7
 Isokinetic flow rate (l/m) : 20.79
 Flue gas flow rate (m³/hr.) : 2066.51
 Control Measures (if any) : Nil
 Remark (If any) : Nil

S.no.	Test Parameters	Results	Units	Test Method	Emission Limits as per EP Rules
1.	Particulate Matter(PM)	58.7	mg/Nm ³	IS 11255(P-1)	75
2.	Sulphur Dioxide(SO ₂)	57.1	mg/Nm ³	IS 11255(P-2)	Not specified
3.	Oxides of Nitrogen(NOx)	216.1	ppmv	IS 11255(P-7)	710
4.	Hydrocarbon(HC) as CH ₄	19	mg/Nm ³	IS 5182(P-17)	100
5.	Carbon monoxide(CO)	48	mg/Nm ³	IS 13270:1992	150

*****END OF REPORT*****

V. Kumar
Analyzed By
 (Vikash Kumar)

Purushottam Kumar Sharma
Authorized Signatory
 (Purushottam Kumar Sharma)



TEST REPORT

Issued to

M/s Tata Realty & Infrastructure Ltd.
10th Floor Mixed Use Development Project
Sec-72, Gurgaon, Haryana



Doc No. : ELPL/IV/QF/20
Amend. No. & Amend. Date : 02 & 17.02.2018
Lab Reference No. : 210716006 E
Issue Date : 22/07/2021
Your Reference : Email
 (Page 1 of 1)

Sample Particulars: DG Stack monitoring was done at Mixed Use Development Project, Sector-72 Gurgaon, Haryana on 15/07/2021.

Type of sample	: DG Stack	Sample Registration Date	: 16/07/2021
Sampling Date	: 15/07/2021	Analysis Starting Date	: 16/07/2021
Sampling Done by	: Lab representative	Analysis Completion Date	: 22/07/2021
Quantity received	: 01 Sample	Tests Required	: Mentioned below
Sample's Location	: Project Site (DG-1)	Sampling Method	: ELPL/III/SOP/32

DG Capacity : 1600 KW (2000 KVA)
 Source of Emission : Stack attached to DG Set
 DG Engine Number : 85004316
 DG Make & Model : Cummins & QSK-60-4G
 Type of fuel used : HSD
 Type of Stack : Round
 Operating Schedule : As per requirement
 Diameter of Stack (m) : 0.25
 Height of Stack from Ground level (m) : 30
 Height of Stack from roof level (m) : -
 Time of sampling (minutes) : 52
 Ambient Temperature (k) : 311
 Stack Temperature (k) : 678
 Average velocity of flue emission (m/s) : 10.75
 Isokinetic flow rate (l/m) : 19.26
 Flue gas flow rate (m³/hr.) : 1898.72
 Control Measures (if any) : Nil
 Remark (If any) : Nil

S.no.	Test Parameters	Results	Units	Test Method	Emission Limits as per EP Rules
1.	Particulate Matter(PM)	52.1	mg/Nm ³	IS 11255(P-1)	75
2.	Sulphur Dioxide(SO ₂)	58.8	mg/Nm ³	IS 11255(P-2)	Not specified
3.	Oxides of Nitrogen(NOx)	219.1	ppmv	IS 11255(P-7)	710
4.	Hydrocarbon(HC) as CH ₄	21	mg/Nm ³	IS 5182(P-17)	100
5.	Carbon monoxide(CO)	49	mg/Nm ³	IS 13270:1992	150

*****END OF REPORT*****

V. Kumar
Analyzed By
(Vikash Kumar)


Authorized Signatory
(Purushottam Kumar Sharma)

TEST REPORT

Issued to

M/s Tata Realty & Infrastructure Ltd.
 10th Floor Mixed Use Development Project
 Sec-72, Gurgaon, Haryana



Doc No.
 ELPL/IV/QF/20

Lab Reference No.

Issue Date

Your Reference

Amend. No. & Amend.
 Date : 02 & 17.02.2018

: 210628007 W

: 03/07/2021

: Email

Sample Particulars: Domestic Raw water sample was collected at Mixed Use Development Project, Sector-72 Gurgaon, Haryana on 26/06/2021.

Type of sample	: Domestic Raw Water	Sample Registration Date	: 28/06/2021
Sampling Date	: 26/06/2021	Analysis Starting Date	: 28/06/2021
Sampling Done by	: Lab representative	Analysis Completion Date	: 02/07/2021
Quantity received	: 2 Ltr approx.	Tests Required	: Mentioned below
Sample's Location	: Project Site	Sampling Method	: ELPL/III/SOP/20

Page 1 of 1

S.No	Test Parameters	Units	Results	IS 10500 : 2012		Test Method
				Acceptable Limit, max.	Permissible Limit in the Absence of Alternate source, max.	
1	Color	Hazen	BDL(DL5.0)	5	15	IS 3025 (Pt-04)
2	Odour	-	Agreeable	Agreeable	Agreeable	IS 3025 (Pt-05)
3	pH	-	7.52	6.5-8.5	No relaxation	IS 3025 (Pt-11)
4	Taste	-	Agreeable	Agreeable	Agreeable	IS 3025 (Pt-08)
5	Turbidity	NTU	BDL(DL1.0)	1	5	IS 3025 (Pt-10)
6	Total Dissolved Solids	mg/l	180	500	2000	IS 3025 (Pt-16)
7	Calcium as Ca	mg/l	30	75	200	IS 3025 (Pt-40)
8	Chloride as Cl	mg/l	30	250	1000	IS 3025 (Pt-32)
9	Fluoride as F	mg/l	0.24	1.0	1.5	APHA 23 rd Ed 4500F
10	Free Residual Chlorine	mg/l	BDL(DL0.05)	0.2*	1*	IS 3025 (Pt-26)
11	Sulphate as SO ₄	mg/l	22.8	200	400	IS 3025 (Pt-24)
12	Total Alkalinity as CaCO ₃	mg/l	45	200	600	IS 3025 (Pt-23)
13	Total Hardness as CaCO ₃	mg/l	100	200	600	IS 3025 (Pt-21)
14	Iron as Fe	mg/l	BDL(DL0.05)	1.0	No relaxation	IS 3025 (Pt-53)
15	Magnesium as Mg	mg/l	6.0	30	100	APHA 23 rd Ed.3500 B

*****END OF REPORT*****

BDL – Below Detection Limit
 DL- Detection Limit

Shalu
 Analyzed By
 (Shalu Srivastav)

Ramesh C. Tripathi
 Checked By
 (Dr. Ramesh C. Tripathi)

Purushottam Kumar Sharma
 Authorized Signatory
 (Purushottam Kumar Sharma)



TEST REPORT

Issued to

M/s Tata Realty & Infrastructure Ltd.
 10th Floor Mixed Use Development Project
 Sec-72, Gurgaon, Haryana



Doc No. : ELPL/IV/QF/20
 Amend. No. & Amend. Date : 02 & 17.02.2018
 Lab Reference No. : 210628008 W
 Issue Date : 03/07/2021
 Your Reference : Email

Sample Particulars: Domestic water sample was collected at Mixed Use Development Project, Sector-72 Gurgaon, Haryana on 26/06/2021.

Type of sample	: Domestic Water	Sample Registration Date	: 28/06/2021
Sampling Date	: 26/06/2021	Analysis Starting Date	: 28/06/2021
Sampling Done by	: Lab representative	Analysis Completion Date	: 02/07/2021
Quantity received	: 2 Ltr approx.	Tests Required	: Mentioned below
Sample's Location	: Project Site	Sampling Method	: ELPL/III/SOP/20

Page 1 of 1

S.No	Test Parameters	Units	Results	IS 10500 : 2012		Test Method
				Acceptable Limit, max.	Permissible Limit in the Absence of Alternate source, max.	
1	Color	Hazen	BDL(DL5.0)	5	15	IS 3025 (Pt-04)
2	Odour	-	Agreeable	Agreeable	Agreeable	IS 3025 (Pt-05)
3	pH	-	7.47	6.5-8.5	No relaxation	IS 3025 (Pt-11)
4	Taste	-	Agreeable	Agreeable	Agreeable	IS 3025 (Pt-08)
5	Turbidity	NTU	BDL(DL1.0)	1	5	IS 3025 (Pt-10)
6	Total Dissolved Solids	mg/l	192	500	2000	IS 3025 (Pt-16)
7	Calcium as Ca	mg/l	34	75	200	IS 3025 (Pt-40)
8	Chloride as Cl	mg/l	22.5	250	1000	IS 3025 (Pt-32)
9	Fluoride as F	mg/l	0.27	1.0	1.5	APHA 23 rd Ed 4500F
10	Free Residual Chlorine	mg/l	BDL(DL0.05)	0.2*	1*	IS 3025 (Pt-26)
11	Sulphate as SO ₄	mg/l	38.5	200	400	IS 3025 (Pt-24)
12	Total Alkalinity as CaCO ₃	mg/l	30	200	600	IS 3025 (Pt-23)
13	Total Hardness as CaCO ₃	mg/l	150	200	600	IS 3025 (Pt-21)
14	Iron as Fe	mg/l	BDL(DL0.05)	1.0	No relaxation	IS 3025 (Pt-53)
15	Magnesium as Mg	mg/l	15.8	30	100	APHA 23 rd Ed.3500 B

*****END OF REPORT*****

BDL – Below Detection Limit
 DL- Detection Limit

Analyzed By
 (Shalu Srivastav)

Checked By
 (Dr. Ramesh C. Tripathi)

Authorized Signatory
 (Purushottam Kumar Sharma)



TEST REPORT

Issued to

M/s Tata Realty & Infrastructure Ltd.
10th Floor Mixed Use Development Project
Sec-72, Gurgaon, Haryana



Doc No.

ELPL/IV/QF/20

Lab Reference No.

Issue Date

Your Reference

Amend. No. & Amend.

Date : 02 & 17.02.2018

: 210628009 W

: 03/07/2021

: Email

Sample Particulars: STP Inlet water sample was collected at Mixed Use Development Project, Sector-72 Gurgaon, Haryana on 26/06/2021.

Type of sample	: STP Inlet	Sample Registration Date	: 28/06/2021
Sampling Date	: 26/06/2021	Analysis Starting Date	: 28/06/2021
Sampling Done by	: Lab representative	Analysis Completion Date	: 02/07/2021
Quantity received	: 2 Ltr approx.	Tests Required	: Mentioned below
Sample's Location	: STP Plant	Sampling Method	: ELPL/III/SOP/20

Page 1 of 1

S.No.	Test Parameters	Units	Results	Test Method
1	pH	-	7.08	IS 3025 (P-11)
2	Oil and grease	mg/l	22.8	IS 3025 (P-39)
3	Biochemical oxygen demand as BOD at 27 ^o C for 3 days	mg/l	98	IS 3025 (P-44)
4	Chemical oxygen demand as COD	mg/l	256	IS 3025 (P-58)
5	Total suspended solids as TSS	mg/l	98	IS 3025 (P-17)

*****END OF REPORT*****


Analyzed By
(Shalu Srivastav)


Checked By
(Dr. Ramesh C. Tripathi)


Authorized Signatory
(Purushottam Kumar Sharma)



TEST REPORT

Issued to

M/s Tata Realty & Infrastructure Ltd.
 10th Floor Mixed Use Development Project
 Sec-72, Gurgaon, Haryana



Doc No. : ELPL/IV/QF/20
 Lab Reference No. : 210628010 W
 Issue Date : 03/07/2021
 Your Reference : Email
 Amend. No. & Amend. Date : 02 & 17.02.2018

Sample Particulars: STP Outlet water sample was collected at Mixed Use Development Project, Sector-72 Gurgaon, Haryana on 26/06/2021.

Type of sample	: STP Outlet	Sample Registration Date	: 28/06/2021
Sampling Date	: 26/06/2021	Analysis Starting Date	: 28/06/2021
Sampling Done by	: Lab representative	Analysis Completion Date	: 02/07/2021
Quantity received	: 2 Ltr approx.	Tests Required	: Mentioned below
Sample's Location	: STP Plant	Sampling Method	: ELPL/III/SOP/20

S.No.	Test Parameters	Units	Results	HSPCB Norm July 2020	Test Method
1	pH	-	7.32	5.0-9.0	IS 3025 (P-11)
2	Oil and grease	mg/l	BDL(DL2.0)	NS	IS 3025 (P-39)
3	Biochemical oxygen demand as BOD at 27 ^o C for 3 days	mg/l	8.0	10	IS 3025 (P-44)
4	Chemical oxygen demand as COD	mg/l	36	50	IS 3025 (P-58)
5	Total suspended solids as TSS	mg/l	4.0	20	IS 3025 (P-17)

*****END OF REPORT*****

BDL – Below Detection Limit
 DL- Detection Limit

Shalu
 Analyzed By
 (Shalu Srivastav)

Ramesh C. Tripathi
 Checked By
 (Dr. Ramesh C. Tripathi)

Purushottam Kumar Sharma
 Authorized Signatory
 (Purushottam Kumar Sharma)



TEST REPORT

Issued to

M/s Tata Realty & Infrastructure Ltd.
 10th Floor Mixed Use Development Project
 Sec-72, Gurgaon, Haryana



Doc No. : ELPL/IV/QF/20
 Lab Reference No. : 210628011 E
 Issue Date : 03/07/2021
 Your Reference : Email
 (Page 1 of 1)

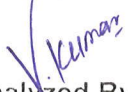
Sample Particulars: DG Stack monitoring was done at Mixed Use Development Project, Sector-72 Gurgaon, Haryana on 26/06/2021.

Type of sample	: DG Stack	Sample Registration Date	: 28/06/2021
Sampling Date	: 26/06/2021	Testing Starting Date	: 28/06/2021
Sampling Done by	: Lab representative	Testing Completion Date	: 02/07/2021
Quantity received	: 01 Sample	Tests Required	: Mentioned below
Sample's Location	: Project Site (DG-1)	Sampling Method	: ELPL/III/SOP/32


DG Capacity : 1600 KW (2000 KVA)
 Source of Emission : Stack attached to DG Set
 DG Engine No : 85004316
 DG Make & Model : Cummins & QSK-60-G4
 Type of fuel used : HSD
 Type of Stack : Round
 Operating Schedule : As per requirement
 Diameter of Stack (m) : 0.25
 Height of Stack from Ground level (m) : 30
 Height of Stack from roof level (m) : -
 Time of sampling (minutes) : 27
 Ambient Temperature (k) : 308
 Stack Temperature (k) : 488
 Average velocity of flue emission (m/s) : 14.72
 Isokinetic flow rate (l/m) : 36.6
 Flue gas flow rate (m³/hr.) : 2599.9
 Control Measures (if any) : Nil
 Remark (If any) : Nil

S.no.	Test Parameters	Results	Units	Test Method	Emission Limits as per EP Rules
1.	Particulate Matter(PM)	57.5	mg/Nm ³	IS 11255(P-1)	75
2.	Sulphur Dioxide(SO ₂)	96	mg/Nm ³	IS 11255(P-2)	Not specified
3.	Oxides of Nitrogen(NOx)	224.2	ppmv	IS 11255(P-7)	710
4.	Hydrocarbon(HC) as CH ₄	26	mg/Nm ³	IS 5182(P-17)	100
5.	Carbon monoxide(CO)	58	mg/Nm ³	IS 13270:1992	150

*****END OF REPORT*****


 Analyzed By
 (Vikash Kumar)


 Checked By
 (Dr. Ramesh C. Tripathi)


 Authorized Signatory
 (Purushottam Kumar Sharma)



TEST REPORT

Issued to

M/s Tata Realty & Infrastructure Ltd.
 10th Floor Mixed Use Development Project
 Sec-72, Gurgaon, Haryana



Doc No.
 ELPL/IV/QF/20

Lab Reference No.

Issue Date

Your Reference

Amend. No. & Amend.
 Date : 02 & 17.02.2018

: 210628012 DN

: 03/07/2021

: Email

(Page1of 1)

Sample Particulars: DG Noise monitoring was done at Mixed Use Development Project, Sector-72 Gurgaon, Haryana on 26/06/2021.

Type of sample	: DG Noise	Sample Registration Date	: 28/06/2021
Sampling Date	: 26/06/2021	Analysis Starting Date	: 26/06/2021
Sampling Done by	: Lab representative	Analysis Completion Date	: 26/06/2021
Quantity received	: 01 Sample	Tests Required	: Mentioned below
Sample's Location	: Project Site (DG-1)	Sampling Method	: ELPL/III/SOP/37
Details of DG Set	: Capacity- 2000 KVA DG Engine No- 85004316 DG Make & Model- Cummins & QSK-60-G4		

Test Results

S.no.	Description	Unit	Result	Specification	Test Method
1.	D.G. Room (Inside the room) sound level pressure	dB(A)	104.2	-	ELPL/III/SOP/37
2	D.G. Room (Closed door outside the room) Sound level Pressure	dB(A)	74.3	75	ELPL/III/SOP/37
3	Insertion Loss	dB(A)	29.9	25	ELPL/III/SOP/37

*****END OF REPORT*****


 Analyzed By
 (Vikash Kumar)


 Checked By
 (Dr. Ramesh C. Tripathi)


 Authorized Signatory
 (Purushottam Kumar Sharma)



TEST REPORT

Issued to

M/s Tata Realty & Infrastructure Ltd.
10th Floor Mixed Use Development Project
Sec-72, Gurgaon, Haryana



Doc No.

ELPL/IV/QF/20

Lab Reference No.

Issue Date

Your Reference

Amend. No. & Amend.

Date : 02 & 17.02.2018

: 210628013 E

: 03/07/2021

: Email

(Page1of 1)

Sample Particulars: DG Stack monitoring was done at Mixed Use Development Project, Sector-72 Gurgaon, Haryana on 26/06/2021.

Type of sample	: DG Stack	Sample Registration Date	: 28/06/2021
Sampling Date	: 26/06/2021	Testing Starting Date	: 28/06/2021
Sampling Done by	: Lab representative	Testing Completion Date	: 02/07/2021
Quantity received	: 01 Sample	Tests Required	: Mentioned below
Sample's Location	: Project Site (DG-2)	Sampling Method	: ELPL/III/SOP/32

DG Capacity : 1600 KW (2000 KVA)
 Source of Emission : Stack attached to DG Set
 DG Engine No : 85004238
 DG Make & Model : Cummins & QSK-60-G4
 Type of fuel used : HSD
 Type of Stack : Round
 Operating Schedule : As per requirement
 Diameter of Stack (m) : 0.25
 Height of Stack from Ground level (m) : 30
 Height of Stack from roof level (m) : -
 Time of sampling (minutes) : 28
 Ambient Temperature (k) : 308
 Stack Temperature (k) : 505
 Average velocity of flue emission (m/s) : 15.12
 Isokinetic flow rate (l/m) : 36.4
 Flue gas flow rate (m³/hr.) : 2670.6
 Control Measures (if any) : Nil
 Remark (If any) : Nil

S.no.	Test Parameters	Results	Units	Test Method	Emission Limits as per EP Rules
1.	Particulate Matter(PM)	59.5	mg/Nm ³	IS 11255(P-1)	75
2.	Sulphur Dioxide(SO ₂)	105	mg/Nm ³	IS 11255(P-2)	Not specified
3.	Oxides of Nitrogen(NOx)	242	ppmv	IS 11255(P-7)	710
4.	Hydrocarbon(HC) as CH ₄	27	mg/Nm ³	IS 5182(P-17)	100
5.	Carbon monoxide(CO)	56	mg/Nm ³	IS 13270:1992	150

*****END OF REPORT*****

V. Kumar
Analyzed By
 (Vikash Kumar)

R. C. Tripathi
Checked By
 (Dr. Ramesh C. Tripathi)

Purushottam Kumar Sharma
Authorized Signatory
 (Purushottam Kumar Sharma)



TEST REPORT

Issued to

M/s Tata Realty & Infrastructure Ltd.
 10th Floor Mixed Use Development Project
 Sec-72, Gurgaon, Haryana



Doc No.

ELPL/IV/QF/20

Lab Reference No.

Issue Date

Your Reference

Amend. No. & Amend.

Date : 02 & 17.02.2018

: 210628014 DN

: 03/07/2021

: Email

(Page 1 of 1)

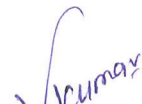
Sample Particulars: DG Noise monitoring was done at Mixed Use Development Project, Sector-72 Gurgaon, Haryana on 26/06/2021.

Type of sample	: DG Noise	Sample Registration Date	: 28/06/2021
Sampling Date	: 26/06/2021	Analysis Starting Date	: 26/06/2021
Sampling Done by	: Lab representative	Analysis Completion Date	: 26/06/2021
Quantity received	: 01 Sample	Tests Required	: Mentioned below
Sample's Location	: Project Site (DG-2)	Sampling Method	: ELPL/III/SOP/37
Details of DG Set	: Capacity- 2000 KVA DG Engine No- 85004238 DG Make & Model- Cummins & QSK-60-G4		

Test Results

S.no.	Description	Unit	Result	Specification	Test Method
1.	D.G. Room (Inside the room) sound level pressure	dB(A)	103.8	-	ELPL/III/SOP/37
2	D.G. Room (Closed door outside the room) Sound level Pressure	dB(A)	74.5	75	ELPL/III/SOP/37
3	Insertion Loss	dB(A)	29.3	25	ELPL/III/SOP/37

*****END OF REPORT*****


 Analyzed By
 (Vikash Kumar)


 Checked By
 (Dr. Ramesh C. Tripathi)


 Authorized Signatory
 (Purushottam Kumar Sharma)



TEST REPORT

Issued to

M/s Tata Realty & Infrastructure Ltd.
 10th Floor Mixed Use Development Project
 Sec-72, Gurgaon, Haryana



Doc No. : ELPL/IV/QF/20
 Lab Reference No. :
 Issue Date :
 Your Reference : Email

Amend. No. & Amend. Date : 02 & 17.02.2018
 : 210628015 E
 : 03/07/2021
 : Email
 (Page 1 of 1)

Sample Particulars: DG Stack monitoring was done at Mixed Use Development Project, Sector-72 Gurgaon, Haryana on 26/06/2021.

Type of sample	: DG Stack	Sample Registration Date	: 28/06/2021
Sampling Date	: 26/06/2021	Testing Starting Date	: 28/06/2021
Sampling Done by	: Lab representative	Testing Completion Date	: 02/07/2021
Quantity received	: 01 Sample	Tests Required	: Mentioned below
Sample's Location	: Project Site (DG-3)	Sampling Method	: ELPL/III/SOP/32

DG Capacity : 1600 KW (2000 KVA)
 Source of Emission : Stack attached to DG Set
 DG Engine No : 85004782
 DG Make & Model : Cummins & QSK-60-G4
 Type of fuel used : HSD
 Type of Stack : Round
 Operating Schedule : As per requirement
 Diameter of Stack (m) : 0.25
 Height of Stack from Ground level (m) : 30
 Height of Stack from roof level (m) : -
 Time of sampling (minutes) : 29
 Ambient Temperature (k) : 308
 Stack Temperature (k) : 492
 Average velocity of flue emission (m/s) : 14.15
 Isokinetic flow rate (l/m) : 34.9
 Flue gas flow rate (m³/hr.) : 2499.2
 Control Measures (if any) : Nil
 Remark (If any) : Nil

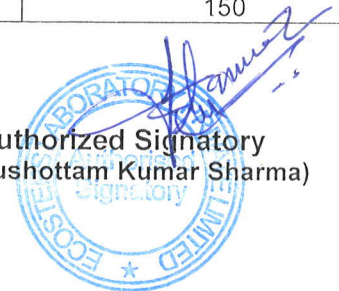
S.no.	Test Parameters	Results	Units	Test Method	Emission Limits as per EP Rules
1.	Particulate Matter(PM)	60.2	mg/Nm ³	IS 11255(P-1)	75
2.	Sulphur Dioxide(SO ₂)	92	mg/Nm ³	IS 11255(P-2)	Not specified
3.	Oxides of Nitrogen(NOx)	258	ppmv	IS 11255(P-7)	710
4.	Hydrocarbon(HC) as CH ₄	23	mg/Nm ³	IS 5182(P-17)	100
5.	Carbon monoxide(CO)	54	mg/Nm ³	IS 13270:1992	150

*****END OF REPORT*****

Analyzed By
 (Vikash Kumar)

Checked By
 (Dr. Ramesh C. Tripathi)

Authorized Signatory
 (Purushottam Kumar Sharma)



TEST REPORT

Issued to

M/s Tata Realty & Infrastructure Ltd.
 10th Floor Mixed Use Development Project
 Sec-72, Gurgaon, Haryana



Doc No. : ELPL/IV/QF/20
 Lab Reference No. :
 Issue Date :
 Your Reference :

Amend. No. & Amend. Date : 02 & 17.02.2018
 : 210628016 DN
 : 03/07/2021
 : Email
 (Page 1 of 1)


Sample Particulars: DG Noise monitoring was done at Mixed Use Development Project, Sector-72 Gurgaon, Haryana on 26/06/2021.

Type of sample	: DG Noise	Sample Registration Date	: 28/06/2021
Sampling Date	: 26/06/2021	Analysis Starting Date	: 26/06/2021
Sampling Done by	: Lab representative	Analysis Completion Date	: 26/06/2021
Quantity received	: 01 Sample	Tests Required	: Mentioned below
Sample's Location	: Project Site (DG-3)	Sampling Method	: ELPL/III/SOP/37
Details of DG Set	: Capacity- 2000 KVA DG Engine No- 85004782 DG Make & Model- Cummins & QSK-60-G4		

Test Results

S.no.	Description	Unit	Result	Specification	Test Method
1.	D.G. Room (Inside the room) sound level pressure	dB(A)	104.5	-	ELPL/III/SOP/37
2	D.G. Room (Closed door outside the room) Sound level Pressure	dB(A)	74.2	75	ELPL/III/SOP/37
3	Insertion Loss	dB(A)	30.3	25	ELPL/III/SOP/37

*****END OF REPORT*****


 Analyzed By
 (Vikash Kumar)


 Checked By
 (Dr. Ramesh C. Tripathi)


 Authorized Signatory
 (Purushottam Kumar Sharma)



TEST REPORT

Issued to

M/s Tata Realty & Infrastructure Ltd.
 10th Floor Mixed Use Development Project
 Sec-72, Gurgaon, Haryana



Doc No.

ELPL/IV/QF/20

Lab Reference No.

Issue Date

Your Reference

Amend. No. & Amend.

Date : 02 & 17.02.2018

: 210628017 A

: 03/07/2021

: Email

(Page1of 1)

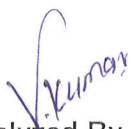
Sample Particulars: Ambient Air Monitoring was monitored at Mixed Use Development Project, Sector-72 Gurgaon, Haryana on 26/06/2021 -27/06/2021.

Type of sample	: Ambient Air	Sample Registration Date	: 28/06/2021
Sampling Date	: 26/06/2021 -27/06/2021	Analysis Starting Date	: 28/06/2021
Sampling Done by	: Lab representative	Analysis Completion Date	: 02/07/2021
Quantity received	: 24 Hourly Sample	Tests Required	: Mentioned below
Sample's Location	: Near Gate No-2	Sampling Method	: ELPL/III/SOP/21

Test Results

S.No.	Test Parameters	Units	Results	NAAQS	Test Method
1	Particulate Matter as PM ₁₀	µg/m ³	176.4	100 (24 Hourly)	IS 5182 (Pt-23)
2	Particulate Matter as PM _{2.5}	µg/m ³	112.3	060 (24 Hourly)	ELPL/III/SOP/23
3	Sulphur Dioxide as SO ₂	µg/m ³	14.2	080 (24 Hourly)	IS 5182 (Pt-02)
4	Oxides of Nitrogen as NO _x	µg/m ³	41.6	080 (24 Hourly)	IS 5182 (Pt-06)
5	Carbon Monoxide as CO	mg/m ³	0.51	002 (08 Hourly)	IS 5182 (Pt-10)

*****END OF REPORT*****


 Analyzed By
 (Vikash Kumar)


 Checked By
 (Dr. Ramesh C. Tripathi)


 Authorized Signatory
 (Purushottam Kumar Sharma)



TEST REPORT

Issued to

M/s Tata Realty & Infrastructure Ltd.
 10th Floor Mixed Use Development Project
 Sec-72, Gurgaon, Haryana



Doc No.

ELPL/IV/QF/20

Lab Reference No.

Issue Date

Your Reference

Amend. No. & Amend.

Date : 02 & 27.02.2018

: 210628018 N

: 03/07/2021

: Email

(Page 1 of 1)

Sample Particulars: Ambient Noise Monitoring was monitored at Mixed Use Development Project, Sector-72 Gurgaon, Haryana on 26/06/2021 -27/06/2021.

Type of sample	: Ambient Noise	Sample Registration Date	: 28/06/2021
Sampling Date	: 26/06/2021 -27/06/2021	Analysis Starting Date	: 26/06/2021
Sampling Done by	: Lab representative	Analysis Completion Date	: 27/06/2021
Quantity received	: 24 Hourly Sample	Tests Required	: Mentioned below
Sample's Location	: Near Gate No-2	Sampling Method	: ELPL/III/SOP/37


Test Results

Time	Unit	Leq	Method
Day Time(06:00 am to 10:00 pm)	dB(A)	63.5	ELPL/III/SOP/37
Night Time(10:00 pm to 06:00 am)	dB(A)	52.4	ELPL/III/SOP/37


Standards for Ambient Noise As per Noise Pollution (Regulation & Control Rule-2000)			
Area Code	Category of Area/Zone	Limits in dB (A) Leq*	
		Day time	Night time
(A)	Industrial area	75	70
(B)	Commercial area	65	55
(C)	Residential area	55	45
(D)	Silence Zone	50	40


*****END OF REPORT*****

*Leq : It is energy mean of the noise level over a specified period.


 Analyzed By
 (Vikash Kumar)


 Checked By
 (Dr. Ramesh C. Tripathi)


 Authorized Signatory
 (Purushottam Kumar Sharma)



TEST REPORT

Issued to

M/s Tata Realty & Infrastructure Ltd.
 10th Floor Mixed Use Development Project
 Sec-72, Gurgaon, Haryana



Doc No.
 ELPL/IV/QF/20

Lab Reference No.
 Issue Date
 Your Reference

Amend. No. & Amend.
 Date : 02 & 17.02.2018
 : 210628019 A
 : 03/07/2021
 : Email
 (Page1of 1)


Sample Particulars: Ambient Air Monitoring was monitored at Mixed Use Development Project, Sector-72 Gurgaon, Haryana on 26/06/2021 -27/06/2021.


Type of sample	: Ambient Air	Sample Registration Date	: 28/06/2021
Sampling Date	: 26/06/2021 -27/06/2021	Analysis Starting Date	: 28/06/2021
Sampling Done by	: Lab representative	Analysis Completion Date	: 02/07/2021
Quantity received	: 24 Hourly Sample	Tests Required	: Mentioned below
Sample's Location	: Retail E & B Central Lobby	Sampling Method	: ELPL/III/SOP/21

Test Results

S.No.	Test Parameters	Units	Results	NAAQS	Test Method
1	Particulate Matter as PM ₁₀	µg/m ³	151.4	100 (24 Hourly)	IS 5182 (Pt-23)
2	Particulate Matter as PM _{2.5}	µg/m ³	96.7	060 (24 Hourly)	ELPL/III/SOP/23
3	Sulphur Dioxide as SO ₂	µg/m ³	13.6	080 (24 Hourly)	IS 5182 (Pt-02)
4	Oxides of Nitrogen as NO _x	µg/m ³	37.1	080 (24 Hourly)	IS 5182 (Pt-06)
5	Carbon Monoxide as CO	mg/m ³	0.50	002 (08 Hourly)	IS 5182 (Pt-10)

*****END OF REPORT*****


 Analyzed By
 (Vikash Kumar)


 Checked By
 (Dr. Ramesh C. Tripathi)


 Authorized Signatory
 (Purushottam Kumar Sharma)



TEST REPORT

Issued to

M/s Tata Realty & Infrastructure Ltd.
 10th Floor Mixed Use Development Project
 Sec-72, Gurgaon, Haryana



Doc No.

ELPL/IV/QF/20

Lab Reference No.

Issue Date

Your Reference

Amend. No. & Amend.
 Date : 02 & 27.02.2018

: 210628020 N

: 03/07/2021

: Email

(Page1of 1)

Sample Particulars: Ambient Noise Monitoring was monitored at Mixed Use Development Project, Sector-72 Gurgaon, Haryana on 26/06/2021 -27/06/2021.

Type of sample	: Ambient Noise	Sample Registration Date	: 28/06/2021
Sampling Date	: 26/06/2021 -27/06/2021	Analysis Starting Date	: 26/06/2021
Sampling Done by	: Lab representative	Analysis Completion Date	: 27/06/2021
Quantity received	: 24 Hourly Sample	Tests Required	: Mentioned below
Sample's Location	: Retail E & B Central Lobby	Sampling Method	: ELPL/III/SOP/37

Test Results

Time	Unit	Leq	Method
Day Time(06:00 am to 10:00 pm)	dB(A)	58.9	ELPL/III/SOP/37
Night Time(10:00 pm to 06:00 am)	dB(A)	50.8	ELPL/III/SOP/37

Standards for Ambient Noise As per Noise Pollution (Regulation & Control Rule-2000)			
Area Code	Category of Area/Zone	Limits in dB (A) Leq*	
		Day time	Night time
(A)	Industrial area	75	70
(B)	Commercial area	65	55
(C)	Residential area	55	45
(D)	Silence Zone	50	40

*****END OF REPORT*****

*Leq : It is energy mean of the noise level over a specified period.


 Analyzed By
 (Vikash Kumar)


 Checked By
 (Dr. Ramesh C. Tripathi)


 Authorized Signatory
 (Purushottam Kumar Sharma)



TEST REPORT

Issued to

M/s Tata Realty & Infrastructure Ltd.
 10th Floor Mixed Use Development Project
 Sec-72, Gurgaon, Haryana



Doc No.

ELPL/IV/QF/20

Lab Reference No.

Issue Date

Your Reference

Amend. No. & Amend.
 Date : 02 & 17.02.2018

: 210628021 A

: 03/07/2021

: Email

(Page1 of 1)


Sample Particulars: Ambient Air Monitoring was monitored at Mixed Use Development Project, Sector-72 Gurgaon, Haryana on 26/06/2021 -27/06/2021.

Type of sample	: Ambient Air	Sample Registration Date	: 28/06/2021
Sampling Date	: 26/06/2021 -27/06/2021	Analysis Starting Date	: 28/06/2021
Sampling Done by	: Lab representative	Analysis Completion Date	: 02/07/2021
Quantity received	: 24 Hourly Sample	Tests Required	: Mentioned below
Sample's Location	: Near Gate No-1	Sampling Method	: ELPL/III/SOP/21

Test Results

S.No.	Test Parameters	Units	Results	NAAQS	Test Method
1	Particulate Matter as PM ₁₀	µg/m ³	168.5	100 (24 Hourly)	IS 5182 (Pt-23)
2	Particulate Matter as PM _{2.5}	µg/m ³	104.9	060 (24 Hourly)	ELPL/III/SOP/23
3	Sulphur Dioxide as SO ₂	µg/m ³	14.3	080 (24 Hourly)	IS 5182 (Pt-02)
4	Oxides of Nitrogen as NO _x	µg/m ³	45.2	080 (24 Hourly)	IS 5182 (Pt-06)
5	Carbon Monoxide as CO	mg/m ³	0.63	002 (08 Hourly)	IS 5182 (Pt-10)

*****END OF REPORT*****


 Analyzed By
 (Vikash Kumar)


 Checked By
 (Dr. Ramesh C. Tripathi)


 Authorized Signatory
 (Purushottam Kumar Sharma)



TEST REPORT

Issued to

M/s Tata Realty & Infrastructure Ltd.
 10th Floor Mixed Use Development Project
 Sec-72, Gurgaon, Haryana



Doc No. : ELPL/IV/QF/20
 Lab Reference No. : 210628022 N
 Issue Date : 03/07/2021
 Your Reference : Email
 Amend. No. & Amend. Date : 02 & 27.02.2018
 (Page 1 of 1)

Sample Particulars: Ambient Noise Monitoring was monitored at Mixed Use Development Project, Sector-72 Gurgaon, Haryana on 26/06/2021 -27/06/2021.

Type of sample	: Ambient Noise	Sample Registration Date	: 28/06/2021
Sampling Date	: 26/06/2021 -27/06/2021	Analysis Starting Date	: 26/06/2021
Sampling Done by	: Lab representative	Analysis Completion Date	: 27/06/2021
Quantity received	: 24 Hourly Sample	Tests Required	: Mentioned below
Sample's Location	: Near Gate No-1	Sampling Method	: ELPL/III/SOP/37


Test Results


Time	Unit	Leq	Method
Day Time(06:00 am to 10:00 pm)	dB(A)	62.2	ELPL/III/SOP/37
Night Time(10:00 pm to 06:00 am)	dB(A)	52.6	ELPL/III/SOP/37

Standards for Ambient Noise As per Noise Pollution (Regulation & Control Rule-2000)			
Area Code	Category of Area/Zone	Limits in dB (A) Leq*	
		Day time	Night time
(A)	Industrial area	75	70
(B)	Commercial area	65	55
(C)	Residential area	55	45
(D)	Silence Zone	50	40

*****END OF REPORT*****

*Leq : It is energy mean of the noise level over a specified period.


 Analyzed By
 (Vikash Kumar)


 Checked By
 (Dr. Ramesh C. Tripathi)


 Authorized Signatory
 (Purushottam Kumar Sharma)



TEST REPORT

Issued to

M/s Tata Realty & Infrastructure Ltd.
10th Floor Mixed Use Development Project
Sec-72, Gurgaon, Haryana



Doc No.
ELPL/IV/QF/20

Lab Reference No.

Issue Date

Your Reference

Amend. No. & Amend.
Date : 02 & 17.02.2018

: 210520007 W

: 26/05/2021

: Email

Sample Particulars: Domestic water sample was collected at Mixed Use Development Project, Sector-72 Gurgaon, Haryana on 20/05/2021.

Type of sample	: Domestic Water	Sample Registration Date	: 20/05/2021
Sampling Date	: 20/05/2021	Analysis Starting Date	: 20/05/2021
Sampling Done by	: Lab representative	Analysis Completion Date	: 26/05/2021
Quantity received	: 2 Ltr approx.	Tests Required	: Mentioned below
Sample's Location	: Project Site	Sampling Method	: ELPL/III/SOP/20

Page 1 of 1

S.No	Test Parameters	Units	Results	IS 10500 : 2012		Test Method
				Acceptable Limit, max.	Permissible Limit in the Absence of Alternate source, max.	
1	Color	Hazen	BDL(DL5.0)	5	15	IS 3025 (Pt-04)
2	Odour	-	Agreeable	Agreeable	Agreeable	IS 3025 (Pt-05)
3	pH	-	7.34	6.5-8.5	No relaxation	IS 3025 (Pt-11)
4	Taste	-	Agreeable	Agreeable	Agreeable	IS 3025 (Pt-08)
5	Turbidity	NTU	BDL(DL1.0)	1	5	IS 3025 (Pt-10)
6	Total Dissolved Solids	mg/l	176	500	2000	IS 3025 (Pt-16)
7	Calcium as Ca	mg/l	28.8	75	200	IS 3025 (Pt-40)
8	Chloride as Cl	mg/l	22	250	1000	IS 3025 (Pt-32)
9	Fluoride as F	mg/l	0.29	1.0	1.5	APHA 23 rd Ed 4500F
10	Free Residual Chlorine	mg/l	BDL(DL0.05)	0.2*	1*	IS 3025 (Pt-26)
11	Sulphate as SO ₄	mg/l	32.6	200	400	IS 3025 (Pt-24)
12	Total Alkalinity as CaCO ₃	mg/l	40	200	600	IS 3025 (Pt-23)
13	Total Hardness as CaCO ₃	mg/l	132	200	600	IS 3025 (Pt-21)
14	Iron as Fe	mg/l	BDL(DL0.05)	1.0	No relaxation	IS 3025 (Pt-53)
15	Magnesium as Mg	mg/l	14.6	30	100	APHA 23 rd Ed.3500 B

*****END OF REPORT*****

BDL – Below Detection Limit
DL- Detection Limit

Analyzed By
(Shalu Srivastav)

Authorized Signatory
(Purushottam Kumar Sharma)



TEST REPORT

Issued to

M/s Tata Realty & Infrastructure Ltd.
 10th Floor Mixed Use Development Project
 Sec-72, Gurgaon, Haryana



Doc No.
 ELPL/IV/QF/20

Lab Reference No.
 Issue Date
 Your Reference

Amend. No. & Amend.
 Date : 02 & 17.02.2018
 : 210409010 W
 : 15/04/2021
 : Email

Sample Particulars: Domestic water sample was collected at Mixed Use Development Project, Sector-72 Gurgaon, Haryana on 09/04/2021.

Type of sample	: Domestic Water	Sample Registration Date	: 09/04/2021
Sampling Date	: 09/04/2021	Analysis Starting Date	: 09/04/2021
Sampling Done by	: Lab representative	Analysis Completion Date	: 15/04/2021
Quantity received	: 2 Ltr approx.	Tests Required	: Mentioned below
Sample's Location	: Project Site	Sampling Method	: ELPL/III/SOP/20

Page 1 of 1

S.No	Test Parameters	Units	Results	IS 10500 : 2012		Test Method
				Acceptable Limit, max.	Permissible Limit in the Absence of Alternate source, max.	
1	Color	Hazen	BDL(DL5.0)	5	15	IS 3025 (Pt-04)
2	Odour	-	Agreeable	Agreeable	Agreeable	IS 3025 (Pt-05)
3	pH	-	7.26	6.5-8.5	No relaxation	IS 3025 (Pt-11)
4	Taste	-	Agreeable	Agreeable	Agreeable	IS 3025 (Pt-08)
5	Turbidity	NTU	BDL(DL1.0)	1	5	IS 3025 (Pt-10)
6	Total Dissolved Solids	mg/l	168	500	2000	IS 3025 (Pt-16)
7	Calcium as Ca	mg/l	27.3	75	200	IS 3025 (Pt-40)
8	Chloride as Cl	mg/l	19.6	250	1000	IS 3025 (Pt-32)
9	Fluoride as F	mg/l	0.24	1.0	1.5	APHA 23 rd Ed 4500F
10	Free Residual Chlorine	mg/l	BDL(DL0.05)	0.2*	1*	IS 3025 (Pt-26)
11	Sulphate as SO ₄	mg/l	34.6	200	400	IS 3025 (Pt-24)
12	Total Alkalinity as CaCO ₃	mg/l	36	200	500	IS 3025 (Pt-23)
13	Total Hardness as CaCO ₃	mg/l	136	200	600	IS 3025 (Pt-21)
14	Iron as Fe	mg/l	BDL(DL0.05)	1.0	No relaxation	IS 3025 (Pt-53)
15	Magnesium as Mg	mg/l	16.5	30	100	APHA 23 rd Ed.3500 B

*****END OF REPORT*****

BDL – Below Detection Limit
 DL- Detection Limit

Analyzed By
 (Shalu Srivastav)

Authorized Signatory
 (Purushottam Kumar Sharma)



TEST REPORT

Issued to

M/s Tata Realty & Infrastructure Ltd.
 10th Floor Mixed Use Development Project
 Sec-72, Gurgaon, Haryana



Doc No.
 ELPL/IV/QF/20

Lab Reference No.

Issue Date

Your Reference

Amend. No. & Amend.

Date : 02 & 17.02.2018

: 210520002 W

: 26/05/2021

: Email

Sample Particulars: STP Inlet water sample was collected at Mixed Use Development Project, Sector-72 Gurgaon, Haryana on 20/05/2021.

Type of sample	: STP Inlet	Sample Registration Date	: 20/05/2021
Sampling Date	: 20/05/2021	Analysis Starting Date	: 20/05/2021
Sampling Done by	: Lab representative	Analysis Completion Date	: 26/05/2021
Quantity received	: 2 Ltr approx.	Tests Required	: Mentioned below
Sample's Location	: STP Plant	Sampling Method	: ELPL/III/SOP/20

Page 1 of 1

S.No.	Test Parameters	Units	Results	Test Method
1	pH	-	6.78	IS 3025 (P-11)
2	Oil and grease	mg/l	28.8	IS 3025 (P-39)
3	Biochemical oxygen demand as BOD at 27 ^o C for 3 days	mg/l	210	IS 3025 (P-44)
4	Chemical oxygen demand as COD	mg/l	760	IS 3025 (P-58)
5	Total suspended solids as TSS	mg/l	122	IS 3025 (P-17)

*****END OF REPORT*****

Shalu
 Analyzed By
 (Shalu Srivastava)

Purushottam Kumar Sharma
 Authorized Signatory
 (Purushottam Kumar Sharma)



TEST REPORT

Issued to

M/s Tata Realty & Infrastructure Ltd.
 10th Floor Mixed Use Development Project
 Sec-72, Gurgaon, Haryana



Doc No. : ELPL/IV/QF/20
 Lab Reference No. : 210520003 W
 Issue Date : 26/05/2021
 Your Reference : Email

Amend. No. & Amend. Date : 02 & 17.02.2018

Sample Particulars: STP Outlet water sample was collected at Mixed Use Development Project, Sector-72 Gurgaon, Haryana on 20/05/2021.

Type of sample	: STP Outlet	Sample Registration Date	: 20/05/2021
Sampling Date	: 20/05/2021	Analysis Starting Date	: 20/05/2021
Sampling Done by	: Lab representative	Analysis Completion Date	: 26/05/2021
Quantity received	: 2 Ltr approx.	Tests Required	: Mentioned below
Sample's Location	: STP Plant	Sampling Method	: ELPL/III/SOP/20

S.No.	Test Parameters	Units	Results	HSPCB Norm July 2020	Test Method
1	pH	-	7.42	5.0-9.0	IS 3025 (P-11)
2	Oil and grease	mg/l	1.5	NS	IS 3025 (P-39)
3	Biochemical oxygen demand as BOD at 27 ^o C for 3 days	mg/l	7.6	10	IS 3025 (P-44)
4	Chemical oxygen demand as COD	mg/l	35	50	IS 3025 (P-58)
5	Total suspended solids as TSS	mg/l	11	20	IS 3025 (P-17)

*****END OF REPORT*****

NS = Not Specified /

Shalu
 Analyzed By
 (Shalu Srivastava)

Purushottam Kumar Sharma
 Authorized Signatory
 (Purushottam Kumar Sharma)



TEST REPORT

Issued to

M/s Tata Realty & Infrastructure Ltd.
10th Floor Mixed Use Development Project
Sec-72, Gurgaon, Haryana



Doc No. : ELPL/IV/QF/20
Lab Reference No. :
Issue Date :
Your Reference :

Amend. No. & Amend. Date : 02 & 17.02.2018
 : 210520004 E
 : 26/05/2021
 : Email
 (Page1of 1)

Sample Particulars: DG Stack monitoring was done at Mixed Use Development Project, Sector-72 Gurgaon, Haryana on 20/05/2021.

Type of sample	: DG Stack	Sample Registration Date	: 20/05/2021
Sampling Date	: 20/05/2021	Analysis Starting Date	: 20/05/2021
Sampling Done by	: Lab representative	Analysis Completion Date	: 26/05/2021
Quantity received	: 01 Sample	Tests Required	: Mentioned below
Sample's Location	: Project Site (DG-1)	Sampling Method	: ELPL/III/SOP/32

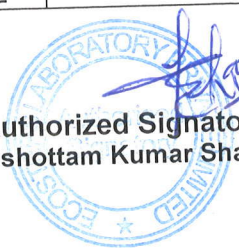
DG Capacity : 1600 KW (2000 KVA)
 Source of Emission : Stack attached to DG Set
 Type of fuel used : HSD
 Type of Stack : Round
 Operating Schedule : As per requirement
 Diameter of Stack (m) : 0.25
 Height of Stack from Ground level (m) : 30
 Height of Stack from roof level (m) : -
 Time of sampling (minutes) : 51
 Ambient Temperature (k) : 315
 Stack Temperature (k) : 698
 Average velocity of flue emission (m/s) : 10.88
 Isokinetic flow rate (l/m) : 19.53
 Flue gas flow rate (m³/hr.) : 1921.68
 Control Measures (if any) : Nil
 Remark (If any) : Nil

S.no.	Test Parameters	Results	Units	Test Method	Emission Limits as per EP Rules
1.	Particulate Matter(PM)	56.8	mg/Nm ³	IS 11255(P-1)	75
2.	Sulphur Dioxide(SO ₂)	56.3	mg/Nm ³	IS 11255(P-2)	Not specified
3.	Oxides of Nitrogen(NOx)	221.8	ppmv	IS 11255(P-7)	710
4.	Hydrocarbon(HC) as CH ₄	18	mg/Nm ³	IS 5182(P-17)	100
5.	Carbon monoxide(CO)	48	mg/Nm ³	IS 13270:1992	150

*****END OF REPORT*****

V. Kumar
Analyzed By
 (Vikash Kumar)

Purushottam Kumar Sharma
Authorized Signatory
 (Purushottam Kumar Sharma)



TEST REPORT

Issued to

**M/s Tata Realty & Infrastructure Ltd.
 10th Floor Mixed Use Development Project
 Sec-72, Gurgaon, Haryana**



Doc No. : ELPL/IV/QF/20
Lab Reference No. :
Issue Date :
Your Reference :

Amend. No. & Amend. Date : 02 & 17.02.2018
 : 210520005 E
 : 26/05/2021
 : Email
 (Page1 of 1)


Sample Particulars: DG Stack monitoring was done at Mixed Use Development Project, Sector-72 Gurgaon, Haryana on 20/05/2021.

Type of sample	: DG Stack	Sample Registration Date	: 20/05/2021
Sampling Date	: 20/05/2021	Analysis Starting Date	: 20/05/2021
Sampling Done by	: Lab representative	Analysis Completion Date	: 26/06/2021
Quantity received	: 01 Sample	Tests Required	: Mentioned below
Sample's Location	: Project Site (DG-2).	Sampling Method	: ELPL/III/SOP/32

DG Capacity : 1600 KW (2000 KVA)
 Source of Emission : Stack attached to DG Set
 Type of fuel used : HSD
 Type of Stack : Round
 Operating Schedule : As per requirement
 Diameter of Stack (m) : 0.25
 Height of Stack from Ground level (m) : 30
 Height of Stack from roof level (m) : -
 Time of sampling (minutes) : 47
 Ambient Temperature (k) : 315
 Stack Temperature (k) : 680
 Average velocity of flue emission (m/s) : 11.8
 Isokinetic flow rate (l/m) : 21.0
 Flue gas flow rate (m³/hr.) : 2084.16
 Control Measures (if any) : Nil
 Remark (If any) : Nil

S.no.	Test Parameters	Results	Units	Test Method	Emission Limits as per EP Rules
1.	Particulate Matter(PM)	54.6	mg/Nm ³	IS 11255(P-1)	75
2.	Sulphur Dioxide(SO ₂)	58.4	mg/Nm ³	IS 11255(P-2)	Not specified
3.	Oxides of Nitrogen(NOx)	204.6	ppmv	IS 11255(P-7)	710
4.	Hydrocarbon(HC) as CH ₄	17	mg/Nm ³	IS 5182(P-17)	100
5.	Carbon monoxide(CO)	46	mg/Nm ³	IS 13270:1992	150

*****END OF REPORT*****


Analyzed By
 (Vikash Kumar)


Authorized Signatory
 (Purushottam Kumar Sharma)

TEST REPORT

Issued to

M/s Tata Realty & Infrastructure Ltd.
 10th Floor Mixed Use Development Project
 Sec-72, Gurgaon, Haryana



Doc No. : ELPL/IV/QF/20
 Lab Reference No. :
 Issue Date :
 Your Reference : Email

Amend. No. & Amend. Date : 02 & 17.02.2018
 : 210520006 E
 : 26/05/2021
 : Email
 (Page1 of 1)

Sample Particulars: DG Stack monitoring was done at Mixed Use Development Project, Sector-72 Gurgaon, Haryana on 20/05/2021.

Type of sample	: DG Stack	Sample Registration Date	: 20/05/2021
Sampling Date	: 20/05/2021	Analysis Starting Date	: 20/05/2021
Sampling Done by	: Lab representative	Analysis Completion Date	: 26/05/2021
Quantity received	: 01 Sample	Tests Required	: Mentioned below
Sample's Location	: Project Site (DG-3)	Sampling Method	: ELPL/III/SOP/32

DG Capacity : 1600 KW (2000 KVA)
 Source of Emission : Stack attached to DG Set
 Type of fuel used : HSD
 Type of Stack : Round
 Operating Schedule : As per requirement
 Diameter of Stack (m) : 0.25
 Height of Stack from Ground level (m) : 30
 Height of Stack from roof level (m) : -
 Time of sampling (minutes) : 48
 Ambient Temperature (k) : 312
 Stack Temperature (k) : 677
 Average velocity of flue emission (m/s) : 11.6
 Isokinetic flow rate (l/m) : 20.82
 Flue gas flow rate (m³/hr.) : 2048.85
 Control Measures (if any) : Nil
 Remark (If any) : Nil

S.no.	Test Parameters	Results	Units	Test Method	Emission Limits as per EP Rules
1.	Particulate Matter(PM)	63.6	mg/Nm ³	IS 11255(P-1)	75
2.	Sulphur Dioxide(SO ₂)	67.8	mg/Nm ³	IS 11255(P-2)	Not specified
3.	Oxides of Nitrogen(NOx)	248.5	ppmv	IS 11255(P-7)	710
4.	Hydrocarbon(HC) as CH ₄	21	mg/Nm ³	IS 5182(P-17)	100
5.	Carbon monoxide(CO)	52	mg/Nm ³	IS 13270:1992	150

*****END OF REPORT*****

Analyzed By
 (Vikash Kumar)

Authorized Signatory
 (Purushottam Kumar Sharma)



TEST REPORT

Issued to

**M/s Tata Realty & Infrastructure Ltd.
 10th Floor Mixed Use Development Project
 Sec-72, Gurgaon, Haryana**



Doc No. : ELPL/IV/QF/20
Lab Reference No. :
Issue Date :
Your Reference :

Amend. No. & Amend. Date : 02 & 17.02.2018
Issue Date : 15/04/2021
Your Reference : Email
 (Page 1 of 1)

Sample Particulars: DG Stack monitoring was done at Mixed Use Development Project, Sector-72 Gurgaon, Haryana on 09/04/2021.

Type of sample	: DG Stack	Sample Registration Date	: 09/04/2021
Sampling Date	: 09/04/2021	Analysis Starting Date	: 09/04/2021
Sampling Done by	: Lab representative	Analysis Completion Date	: 15/04/2021
Quantity received	: 01 Sample	Tests Required	: Mentioned below
Sample's Location	: Project Site (DG-1)	Sampling Method	: ELPL/III/SOP/32

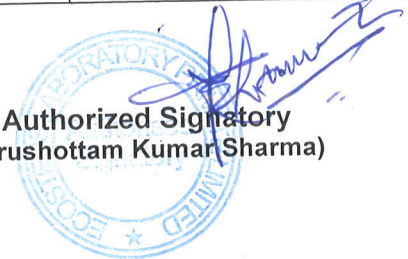
DG Capacity : 1600 KW (2000 KVA)
 Source of Emission : Stack attached to DG Set
 Type of fuel used : HSD
 Type of Stack : Round
 Operating Schedule : As per requirement
 Diameter of Stack (m) : 0.25
 Height of Stack from Ground level (m) : 30
 Height of Stack from roof level (m) : -
 Time of sampling (minutes) : 51
 Ambient Temperature (k) : 312
 Stack Temperature (k) : 688
 Average velocity of flue emission (m/s) : 11.1
 Isokinetic flow rate (l/m) : 19.60
 Flue gas flow rate (m³/hr.) : 1960.53
 Control Measures (if any) : Nil
 Remark (If any) : Nil

S.no.	Test Parameters	Results	Units	Test Method	Emission Limits as per EP Rules
1.	Particulate Matter(PM)	55.2	mg/Nm ³	IS 11255(P-1)	75
2.	Sulphur Dioxide(SO ₂)	57.9	mg/Nm ³	IS 11255(P-2)	Not specified
3.	Oxides of Nitrogen(NOx)	211.8	ppmv	IS 11255(P-7)	710
4.	Hydrocarbon(HC) as CH ₄	15	mg/Nm ³	IS 5182(P-17)	100
5.	Carbon monoxide(CO)	43	mg/Nm ³	IS 13270:1992	150

*****END OF REPORT*****

Analyzed By
 (Vikash Kumar)

Authorized Signatory
 (Purushottam Kumar Sharma)



TEST REPORT

Issued to

M/s Tata Realty & Infrastructure Ltd.
10th Floor Mixed Use Development Project
Sec-72, Gurgaon, Haryana



Doc No. : ELPL/IV/QF/20
Lab Reference No. :
Issue Date : 15/04/2021
Your Reference : Email

Amend. No. & Amend. Date : 02 & 17.02.2018

Sample Particulars: STP Inlet water sample was collected at Mixed Use Development Project, Sector-72 Gurgaon, Haryana on 09/04/2021.

Type of sample	: STP Inlet	Sample Registration Date	: 09/04/2021
Sampling Date	: 09/04/2021	Analysis Starting Date	: 09/04/2021
Sampling Done by	: Lab representative	Analysis Completion Date	: 15/04/2021
Quantity received	: 2 Ltr approx.	Tests Required	: Mentioned below
Sample's Location	: STP Plant	Sampling Method	: ELPL/III/SOP/20

Page 1 of 1

S.No.	Test Parameters	Units	Results	Test Method
1	pH	-	6.88	IS 3025 (P-11)
2	Oil and grease	mg/l	24.8	IS 3025 (P-39)
3	Biochemical oxygen demand as BOD at 27 ^o C for 3 days	mg/l	170	IS 3025 (P-44)
4	Chemical oxygen demand as COD	mg/l	720	IS 3025 (P-58)
5	Total suspended solids as TSS	mg/l	106	IS 3025 (P-17)

*****END OF REPORT*****

Shalu
Analyzed By
(Shalu Srivastava)

Purushottam Kumar Sharma
Authorized Signatory
(Purushottam Kumar Sharma)

TEST REPORT

Issued to

M/s Tata Realty & Infrastructure Ltd.
10th Floor Mixed Use Development Project
Sec-72, Gurgaon, Haryana



Doc No. : ELPL/IV/QF/20
Lab Reference No.
Issue Date
Your Reference

Amend. No. & Amend.
Date : 02 & 17.02.2018
: 210409006 W
: 15/04/2021
: Email

Sample Particulars: STP Outlet water sample was collected at Mixed Use Development Project, Sector-72 Gurgaon, Haryana on 09/04/2021.

Type of sample	: STP Outlet	Sample Registration Date	: 09/04/2021
Sampling Date	: 09/04/2021	Analysis Starting Date	: 09/04/2021
Sampling Done by	: Lab representative	Analysis Completion Date	: 15/04/2021
Quantity received	: 2 Ltr approx.	Tests Required	: Mentioned below
Sample's Location	: STP Plant	Sampling Method	: ELPL/III/SOP/20

Page 1 of 1

S.No.	Test Parameters	Units	Results	HSPCB Norm July 2020	Test Method
1	pH	-	7.38	5.0-9.0	IS 3025 (P-11)
2	Oil and grease	mg/l	1.4	NS	IS 3025 (P-39)
3	Biochemical oxygen demand as BOD at 27°C for 3 days	mg/l	7.5	10	IS 3025 (P-44)
4	Chemical oxygen demand as COD	mg/l	32	50	IS 3025 (P-58)
5	Total suspended solids as TSS	mg/l	14	20	IS 3025 (P-17)

*****END OF REPORT*****

NS = Not Specified

Shalu
Analyzed By
(Shalu Srivastava)

Purushottam Kumar Sharma
Authorized Signatory
(Purushottam Kumar Sharma)

TEST REPORT

Issued to

M/s Tata Realty & Infrastructure Ltd.
10th Floor Mixed Use Development Project
Sec-72, Gurgaon, Haryana



Doc No. : ELPL/IV/QF/20
Amend. No. & Amend. Date : 02 & 17.02.2018
Lab Reference No. : 210409008 E
Issue Date : 15/04/2021
Your Reference : Email
 (Page1of 1)

Sample Particulars: DG Stack monitoring was done at Mixed Use Development Project, Sector-72 Gurgaon, Haryana on 09/04/2021.

Type of sample	: DG Stack	Sample Registration Date	: 09/04/2021
Sampling Date	: 09/04/2021	Analysis Starting Date	: 09/04/2021
Sampling Done by	: Lab representative	Analysis Completion Date	: 15/04/2021
Quantity received	: 01 Sample	Tests Required	: Mentioned below
Sample's Location	: Project Site (DG-2)	Sampling Method	: ELPL/III/SOP/32

DG Capacity : 1600 KW (2000 KVA)
 Source of Emission : Stack attached to DG Set
 Type of fuel used : HSD
 Type of Stack : Round
 Operating Schedule : As per requirement
 Diameter of Stack (m) : 0.25
 Height of Stack from Ground level (m) : 30
 Height of Stack from roof level (m) : -
 Time of sampling (minutes) : 49
 Ambient Temperature (k) : 312
 Stack Temperature (k) : 650
 Average velocity of flue emission (m/s) : 10.80
 Isokinetic flow rate (l/m) : 20.19
 Flue gas flow rate (m³/hr.) : 1907.55
 Control Measures (if any) : Nil
 Remark (If any) : Nil

S.no.	Test Parameters	Results	Units	Test Method	Emission Limits as per EP Rules
1.	Particulate Matter(PM)	52.5	mg/Nm ³	IS 11255(P-1)	75
2.	Sulphur Dioxide(SO ₂)	56.4	mg/Nm ³	IS 11255(P-2)	Not specified
3.	Oxides of Nitrogen(NOx)	180.4	ppmv	IS 11255(P-7)	710
4.	Hydrocarbon(HC) as CH ₄	16	mg/Nm ³	IS 5182(P-17)	100
5.	Carbon monoxide(CO)	42	mg/Nm ³	IS 13270:1992	150

*****END OF REPORT*****

V. Kumar
Analyzed By
 (Vikash Kumar)


Authorized Signatory
 (Purushottam Kumar Sharma)

TEST REPORT

Issued to

**M/s Tata Realty & Infrastructure Ltd.
 10th Floor Mixed Use Development Project
 Sec-72, Gurgaon, Haryana**



Doc No. : ELPL/IV/QF/20
Amend. No. & Amend. Date : 02 & 17.02.2018
Lab Reference No. : 210409009 E
Issue Date : 15/04/2021
Your Reference : Email
 (Page1of 1)

Sample Particulars: DG Stack monitoring was done at Mixed Use Development Project, Sector-72 Gurgaon, Haryana on 09/04/2021.

Type of sample	: DG Stack	Sample Registration Date	: 09/04/2021
Sampling Date	: 09/04/2021	Analysis Starting Date	: 09/04/2021
Sampling Done by	: Lab representative	Analysis Completion Date	: 15/04/2021
Quantity received	: 01 Sample	Tests Required	: Mentioned below
Sample's Location	: Project Site (DG-3)	Sampling Method	: ELPL/III/SOP/32

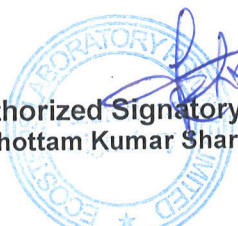
DG Capacity : 1600 KW (2000 KVA)
 Source of Emission : Stack attached to DG Set
 Type of fuel used : HSD
 Type of Stack : Round
 Operating Schedule : As per requirement
 Diameter of Stack (m) : 0.25
 Height of Stack from Ground level (m) : 30
 Height of Stack from roof level (m) : -
 Time of sampling (minutes) : 50
 Ambient Temperature (k) : 312
 Stack Temperature (k) : 666
 Average velocity of flue emission (m/s) : 10.93
 Isokinetic flow rate (l/m) : 19.94
 Flue gas flow rate (m³/hr.) : 1930.51
 Control Measures (if any) : Nil
 Remark (If any) : Nil

S.no.	Test Parameters	Results	Units	Test Method	Emission Limits as per EP Rules
1.	Particulate Matter(PM)	60.4	mg/Nm ³	IS 11255(P-1)	75
2.	Sulphur Dioxide(SO ₂)	62.4	mg/Nm ³	IS 11255(P-2)	Not specified
3.	Oxides of Nitrogen(NOx)	238.5	ppmv	IS 11255(P-7)	710
4.	Hydrocarbon(HC) as CH ₄	24	mg/Nm ³	IS 5182(P-17)	100
5.	Carbon monoxide(CO)	49	mg/Nm ³	IS 13270:1992	150

*****END OF REPORT*****

V. Kumar
Analyzed By
 (Vikash Kumar)

Purushottam Kumar Sharma
Authorized Signatory
 (Purushottam Kumar Sharma)



Environmental Monitoring Report

1. Ambient Air Quality Monitoring

Ambient air quality monitoring has been done quarterly basis at locations AAQ-1 (Near Gate No. 1), AAQ-2 (Near Gate No. 2), AAQ-3 (Retail E and B Central Lobby) and AAQ-4 (Near Gate No. 1) for 24 Hrs. The detail of monitoring schedule is given in **Table-1**.

Table 1: Schedule of Ambient Air Quality Monitoring

S. No.	Duration of sampling (hours)	Date		Sample collected on	Location
		From	To		
1	24	26/06/2021	27/06/2021	26/06/2021	AAQ-1 (Near Gate No. 1)
2		29/09/2021	30/09/2021	29/06/2021	
3	24	26/06/2021	27/06/2021	26/06/2021	AAQ-2 (Near Gate No.2)
4		29/09/2021	30/09/2021	29/09/2021	
5	24	26/06/2021	27/06/2021	26/06/2021	AAQ3-3 (Retail E and B Central Lobby)
6	24	29/09/2021	30/09/2021	29/09/2021	AAQ-4 (Near Tower B)

Sulphur Dioxide (SO₂)

Monitoring results of SO₂ are given in **Table-1 (a)** and graphical representation is given in **Figure-1 (a)**

Table- 1(a): Monitoring results for SO₂

S. No.	Sampling dates	Location Code	Sampling duration	Results (µg/m ³)	NAAQS (as per CPCB), µg/m ³
1	26/06/2021 to 27/06/2021	AAQ - 1	24 Hourly	14.3	80
2	29/09/2021 to 30/09/2021			14.1	
3	26/06/2021 to 27/06/2021	AAQ - 2	24 Hourly	14.2	80
4	29/09/2021 to 30/09/2021			14.9	
5	26/06/2021 to 27/06/2021	AAQ - 3	24 Hourly	13.6	80
6	29/09/2021 to 30/09/2021	AAQ - 4	24 Hourly	14.4	80

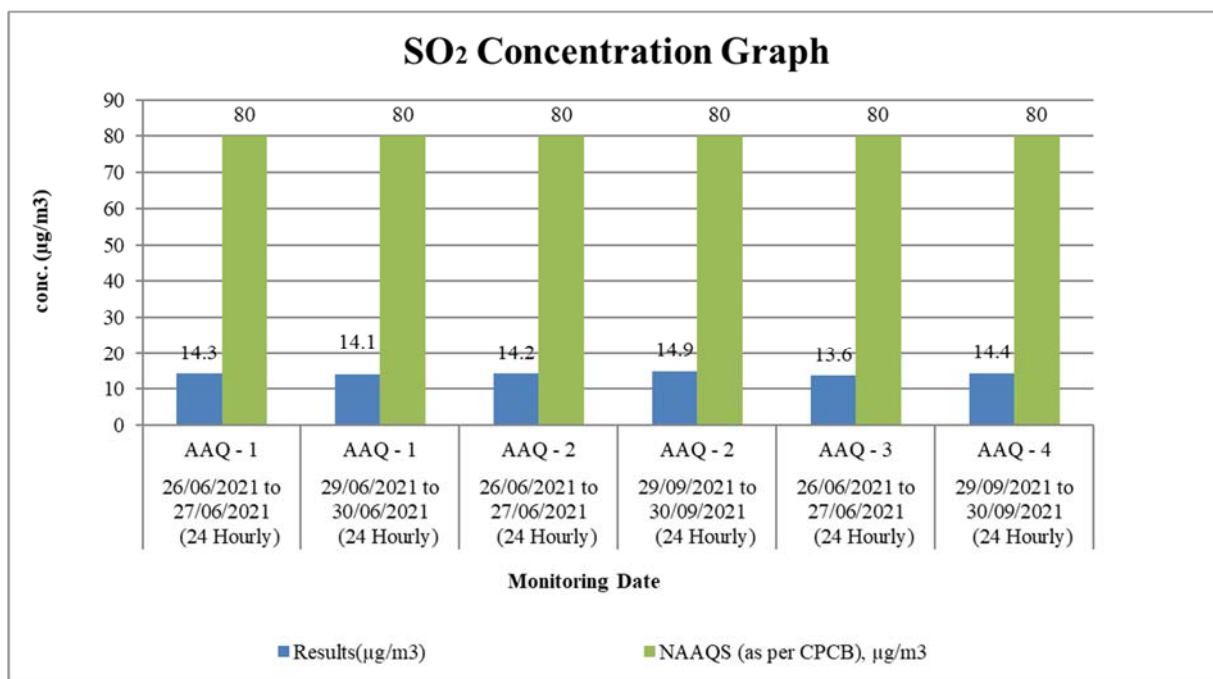


Figure-1(a): SO₂ concentrations at project site

The concentration of SO₂ was observed below permissible Limit as per NAAQS.

Nitrogen Dioxide (NO₂)

Monitoring results of NO₂ is given in **Table-1 (b)** and graphical representation is given in **Figure-1 (b)**

Table-1 (b) Monitoring results for NO₂

S. No.	Sampling dates	Location Code	Sampling duration	Results (µg/m ³)	NAAQS (as per CPCB), µg/m ³
1	26/06/2021 to 27/06/2021	AAQ - 1	24 Hourly	45.2	80
2	29/09/2021 to 30/09/2021			40.8	
3	26/06/2021 to 27/06/2021	AAQ - 2	24 Hourly	41.6	80
4	29/09/2021 to 30/09/2021			41.9	
5	26/06/2021 to 27/06/2021	AAQ - 3	24 Hourly	37.1	80
6	29/09/2021 to 30/09/2021	AAQ - 4	24 Hourly	39.6	80

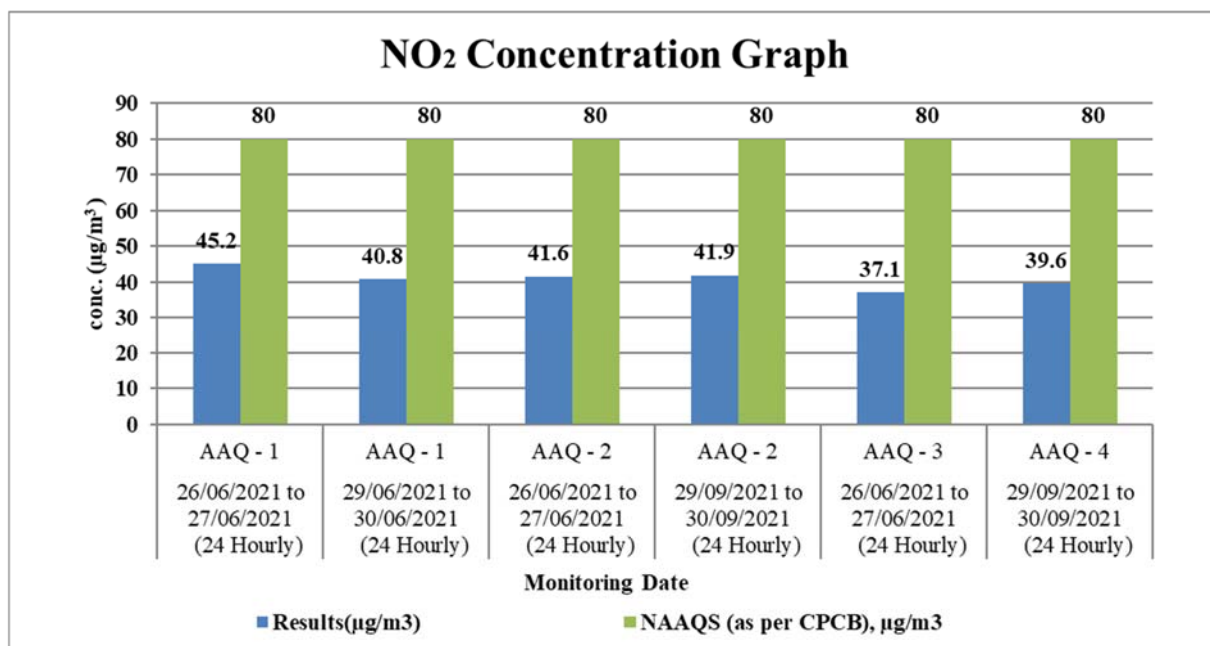


Figure 1 (b): NO₂ concentrations at project site

The concentration of NO₂ was below the limits as permissible limit as per NAAQS.

Particulate Matter

PM₁₀: Monitoring results of PM₁₀ is given in **Table- 1(c)** and graphical representation is given in **Figure- 1(c)**.

Table-1 (c) : Monitoring results for PM₁₀

S. No.	Sampling dates	Location Code	Sampling duration	Results (µg/m ³)	NAAQS (as per CPCB), µg/m ³
1	26/06/2021 to 27/06/2021	AAQ - 1	24 Hourly	168.5	100
2	29/09/2021 to 30/09/2021			198	
3	26/06/2021 to 27/06/2021	AAQ - 2	24 Hourly	176.4	100
4	29/09/2021 to 30/09/2021			212	
5	26/06/2021 to 27/06/2021	AAQ - 3	24 Hourly	151.4	100
6	29/09/2021 to 30/09/2021	AAQ - 4	24 Hourly	202	100

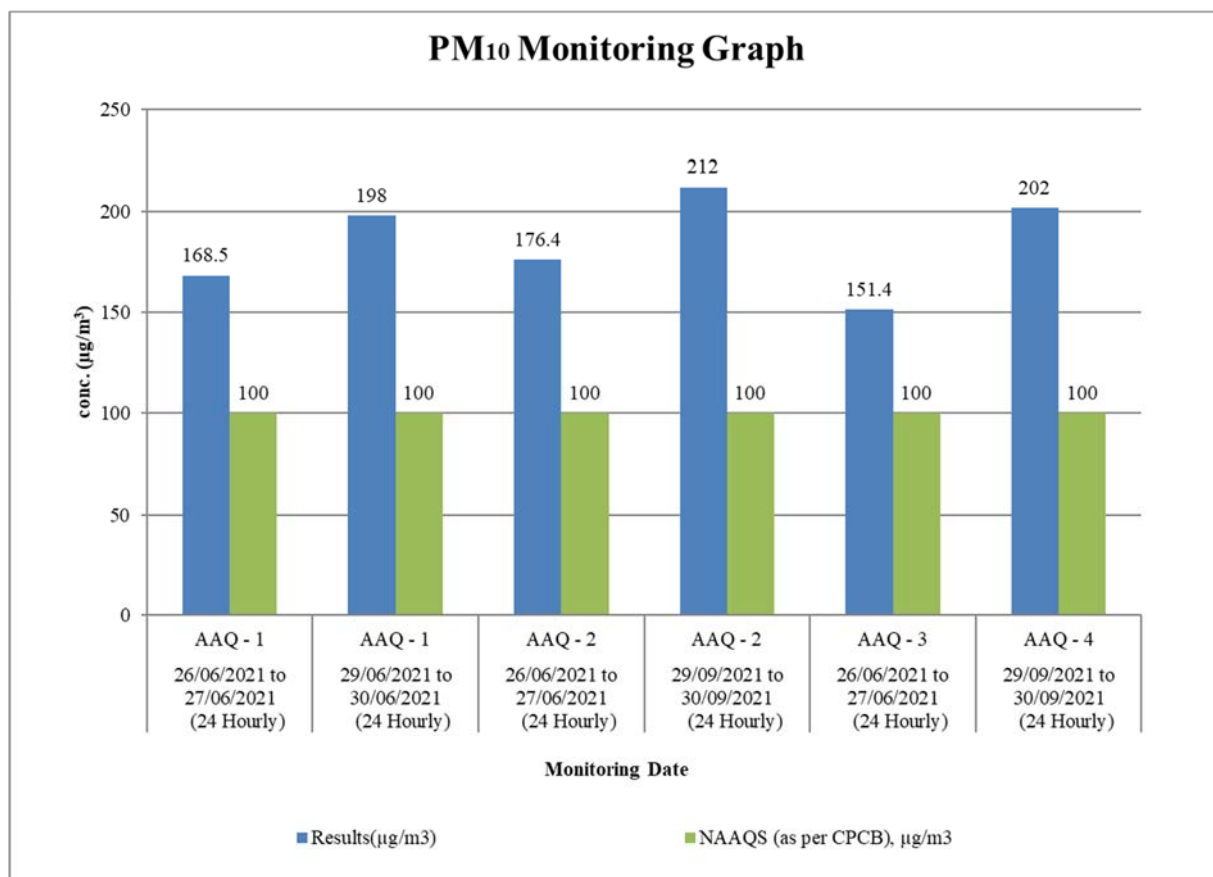


Figure 1 (c): PM₁₀ concentrations at project site

The concentration of PM₁₀ was found higher than permissible limit by NAAQS.

PM_{2.5}:

Monitoring results of PM_{2.5} is given in **Table-1 (d)** and graphical representation is given in **Figure- 1 (d)**

Table 1 (d): Monitoring results for PM_{2.5}

S. No.	Sampling dates	Location Code	Sampling duration	Results (µg/m ³)	NAAQS (as per CPCB), µg/m ³
1	26/06/2021 to 27/06/2021	AAQ - 1	24 Hourly	104.9	60
2	29/09/2021 to 30/09/2021			107.5	
3	26/06/2021 to 27/06/2021	AAQ - 2	24 Hourly	112	60
4	29/09/2021 to 30/09/2021			109.4	
5	26/06/2021 to 27/06/2021	AAQ - 3	24 Hourly	96.7	60
6	29/09/2021 to 30/09/2021	AAQ - 4	24 Hourly	102.6	60

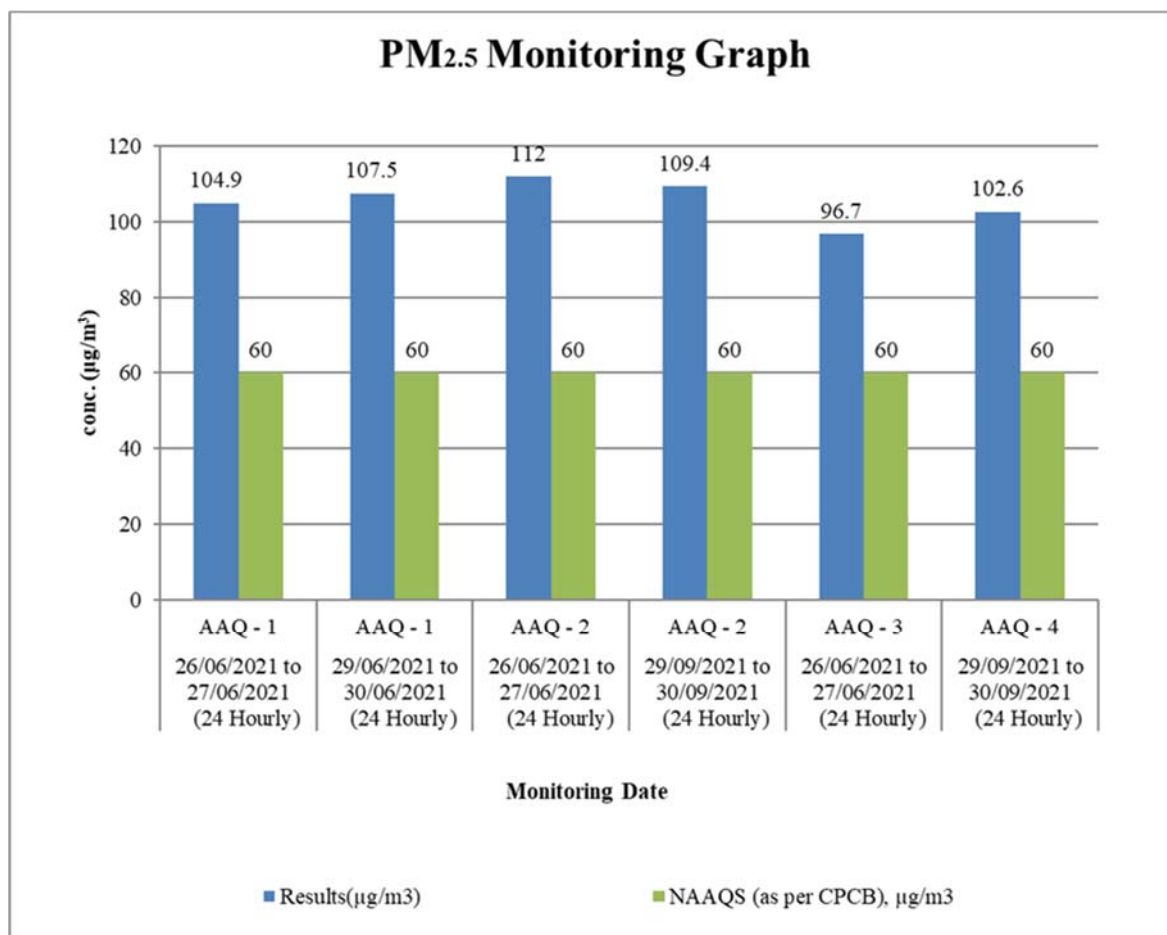


Figure 1 (d): PM_{2.5} concentrations at Project site

The concentration of PM_{2.5} was found to be higher than permissible limit by NAAQS.

Carbon Monoxide (CO)

Monitoring results of CO is given in **Table-1(e)** and graphical representation is given in **Figure-1(e)**

Table -1 (e): Monitoring results for CO

S. No.	Sampling dates	Location Code	Sampling duration	Results (µg/m ³)	NAAQS (as per CPCB), mg/m ³
1	26/06/2021 to 27/06/2021	AAQ - 1	24 Hourly	0.63	02
2	29/09/2021 to 30/09/2021			0.47	
3	26/06/2021 to 27/06/2021	AAQ - 2	24 Hourly	0.51	02
4	29/09/2021 to 30/09/2021			0.49	
5	26/06/2021 to 27/06/2021	AAQ - 3	24 Hourly	0.50	02
6	29/09/2021 to 30/09/2021	AAQ - 4	24 Hourly	0.45	02

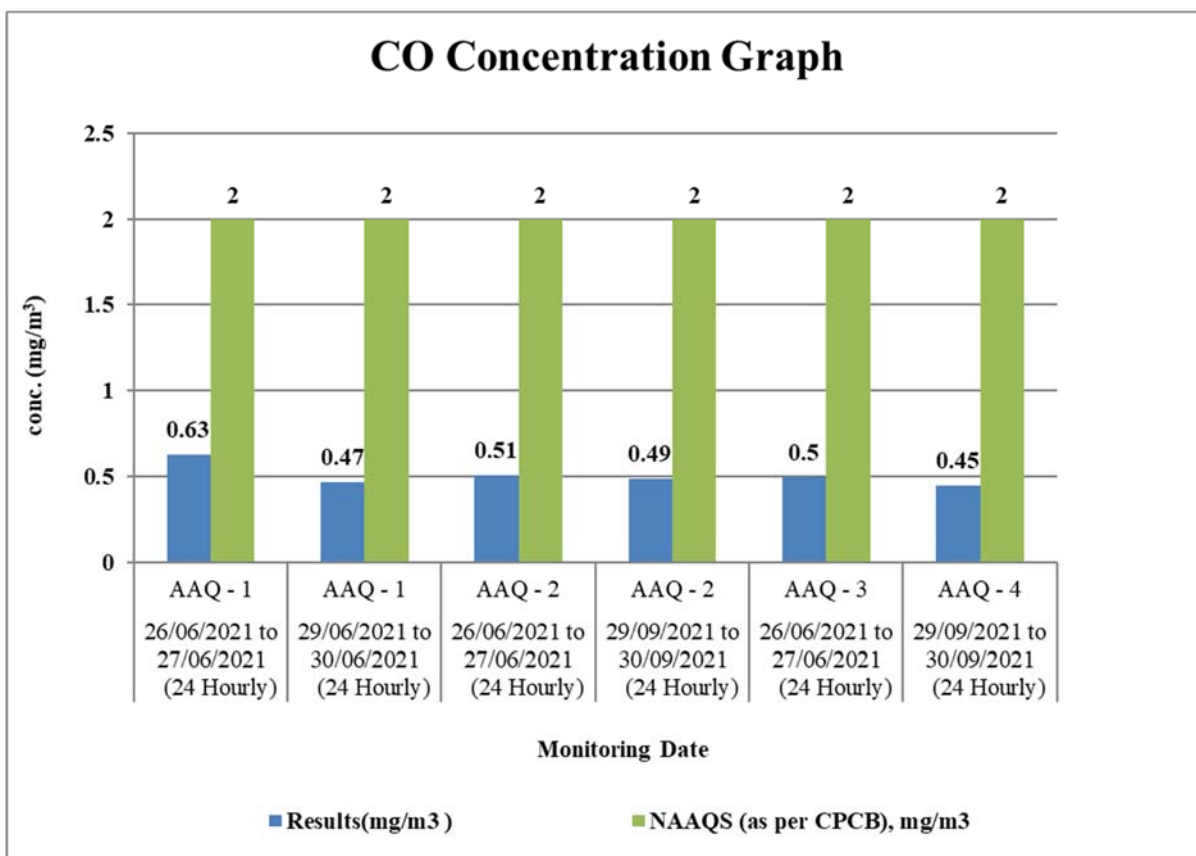


Figure 1 (e): CO concentrations at Project site

The concentration of CO was within the limit as prescribed by NAAQS.

2. Noise Monitoring

Noise monitoring was done quarterly basis at location AAQ-1 (Near Gate No. 1), AAQ-2 (Near Gate No. 2), AAQ-3 (Retail E and B Central Lobby) and AAQ-4 (Near Gate No. 1) for 24 Hrs. The details of monitoring are given in **Table-(2)**

Table (2): Schedule of Noise Monitoring

S. No.	Duration of sampling (hours)	Date		Sample collected on	Location
		From	To		
1	24	26/06/2021	27/06/2021	26/06/2021	ANQ-1 (Near Gate No. 1)
2		29/09/2021	30/09/2021	29/06/2021	
3	24	26/06/2021	27/06/2021	26/06/2021	ANQ-2 (Near Gate No.2)
4		29/09/2021	30/09/2021	29/09/2021	
5	24	26/06/2021	27/06/2021	26/06/2021	ANQ3-3 (Retail E and B Central Lobby)

“Mixed Use Development Project” located at Sector-72, Gurgaon, Haryana by M/s Tata Realty & Infrastructure Ltd.

6	24	29/09/2021	30/09/2021	29/09/2021	ANQ-4 (Near Tower B)
---	----	------------	------------	------------	----------------------

Monitoring has been done for 24 hours. The results for day time & night time observations are given below:

Day Time

Monitoring results of daytime is given in **Table- 2 (a)** and graphical representation is given in **Figure- 2 (a)**

Table 2 (a): Day Time monitoring result

S. No.	Monitoring Locations	Duration of Monitoring	Results ($\mu\text{g}/\text{m}^3$)	Permissible Limit dB(A) (as per CPCB)
1	ANQ - 1	Day time (6:00 AM to 10:00 PM)	62.2	65
2			62.9	
3	ANQ - 2	Day time (6:00 AM to 10:00 PM)	63.5	65
4			63.1	
5	ANQ - 3	Day time (6:00 AM to 10:00 PM)	58.9	65
6	ANQ - 4	Day time (6:00 AM to 10:00 PM)	63.8	65

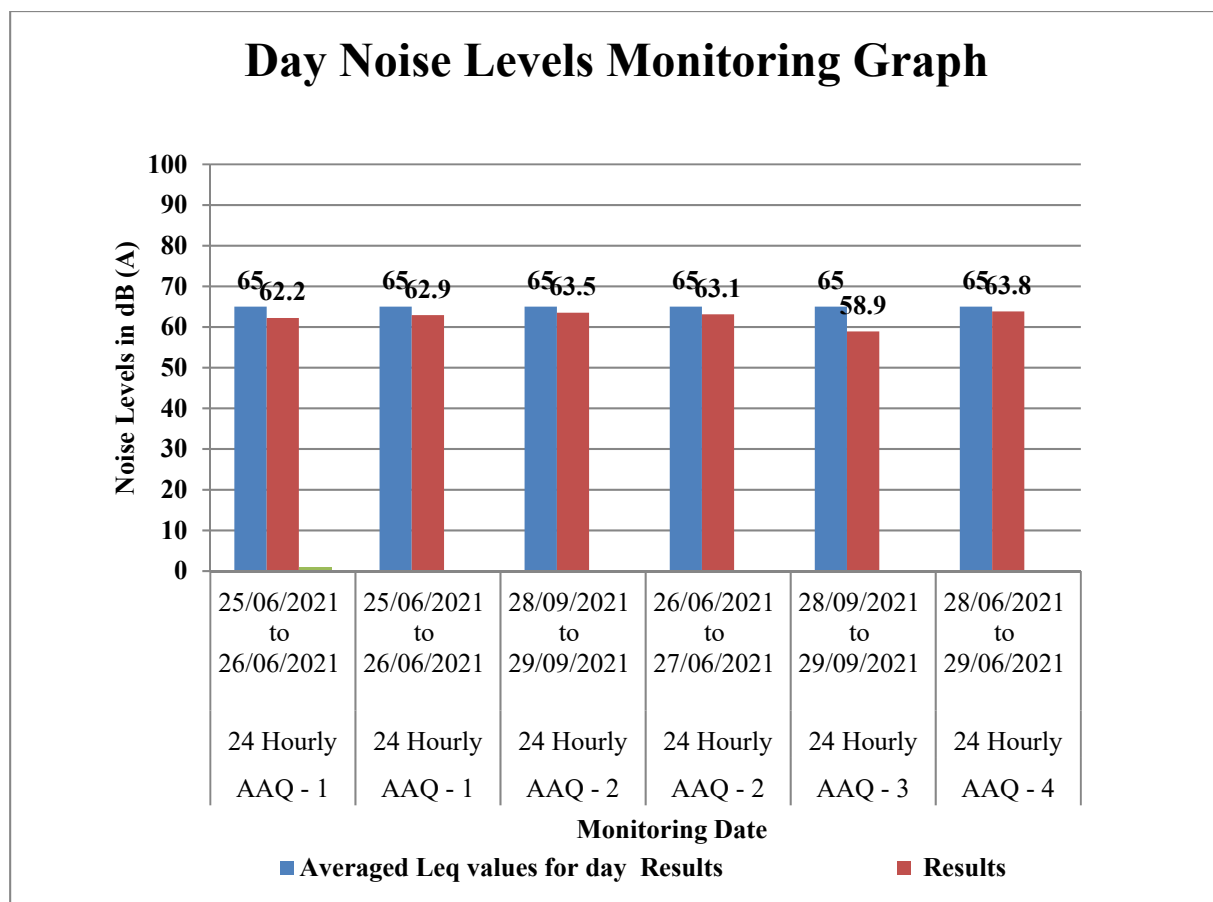


Figure 2 (a): Graph showing day time noise monitoring result

The day noise result was found to be within the limit as prescribed by NAAQS.

Night Time

Monitoring results of night time is given in **Table- 2 (b)** and graphical representation is given in **Figure-2 (b)**.

Table – 2 (b): Night Time monitoring result

S. No.	Monitoring Locations	Duration of Monitoring	Results ($\mu\text{g}/\text{m}^3$)	Permissible Limit dB(A) (as per CPCB)
1	ANQ - 1	Day time (6:00 AM to 10:00 PM)	52.0	55
2			52.6	
3	ANQ - 2	Day time (6:00 AM to 10:00 PM)	52.4	55
4			52.4	
5	ANQ - 3	Day time (6:00 AM to 10:00 PM)	50.8	55
6	ANQ - 4	Day time (6:00 AM to 10:00 PM)	52.9	55

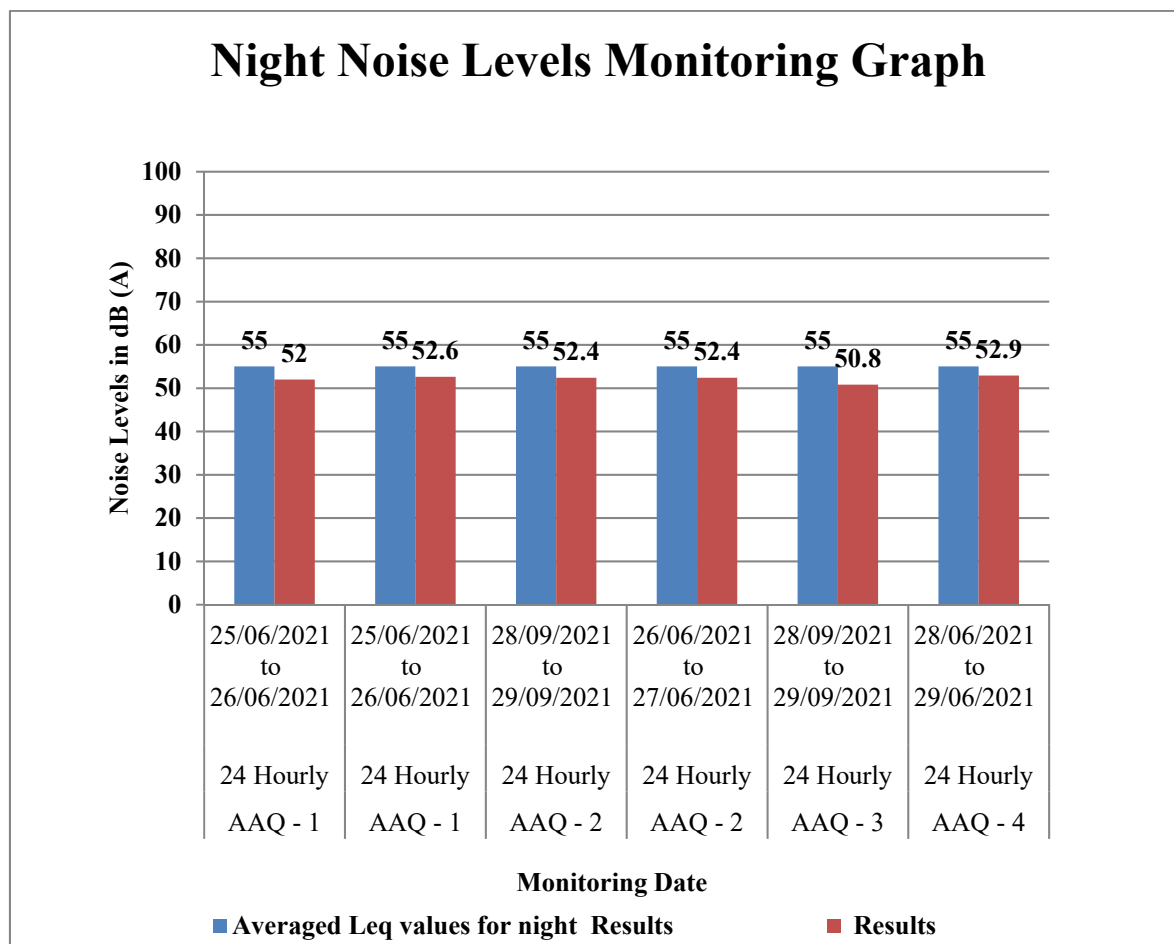


Figure 2 (b): Graph showing night time noise monitoring result

The night noise result was found to be within the limit as prescribed by NAAQS.

3. Drinking Water Monitoring

Schedule for Drinking water monitoring is given in **Table 3**.

Table 3: Schedule for Drinking water sample collection

Day of sampling	Sample collected on	Location
Day 1	29/09/2021	Basement-03

Drinking water for Day-1 monitoring results given in **Table 3(a)**.

Table 3(a): - Drinking Water Monitoring Results

S.No.	Test Parameters	Units	Results	IS 10500: 2012		Test Method
				Acceptable Limit, max.	Permissible Limit in the Absence of Alternate source, max	
1	Color	Hazen	BDL(DL5.0)	5	15	IS 3025 (Pt-04)
2	Odour	-	Agreeable	Agreeable	Agreeable	IS 3025 (Pt-05)
3	pH	-	7.38	6.5-8.5	No relaxation	IS 3025 (Pt-11)
4	Taste	-	Agreeable	Agreeable	Agreeable	IS 3025 (Pt-08)
5	Turbidity	NTU	BDL(DL1.0)	1	5	IS 3025 (Pt-10)
6	Total Dissolved Solids	mg/l	236	500	2000	IS 3025 (Pt-16)
7	Calcium as Ca	mg/l	14.4	75	200	IS 3025 (Pt-40)
8	Chloride as Cl	mg/l	97.5	250	1000	IS 3025 (Pt-32)
9	Fluoride as F	mg/l	0.16	1.0	1.5	APHA 22ND Ed 4500F
10	Free Residual Chlorine	mg/l	BDL(DL 0.05)	0.2*	1*	IS 3025 (Pt-26)
11	Sulphate as SO ₄	mg/l	38.2	200	400	IS 3025 (Pt-24)
12	Total Alkalinity as CaCO ₃	mg/l	85	200	600	IS 3025 (Pt-23)
13	Total Hardness as CaCO ₃	mg/l	52	200	600	IS 3025 (Pt-21)
14	Iron as Fe	mg/l	0.08	1.0	No relaxation	IS 3025 (Pt-53)
15	Magnesium as Mg	mg/l	3.9	30	100	APHA 22ND Ed.3500 mg B

4. Domestic Raw Water Monitoring

Schedule for Domestic Raw water monitoring is given in **Table 4**.

Table 4: Schedule for Domestic Raw water sample collection

Day of sampling	Sample collected on	Location
Day 1	26/06/2021	Project Site
Day 2	09/08/2021	WTP Room

Domestic Raw water for Day-1 monitoring results given in **Table 4(a)**.

Table 4(a): - Results of Domestic Raw water before treatment sample collection

S.No.	Test Parameters	Units	Results	IS 10500: 2012		Test Method
				Acceptable Limit, max.	Permissible Limit in the Absence of Alternate source, max	
1	Color	Hazen	BDL (DL5.0)	5	15	IS 3025 (Pt-04)
2	Odour	-	Agreeable	Agreeable	Agreeable	IS 3025 (Pt-05)
3	pH	-	7.52	6.5-8.5	No relaxation	IS 3025 (Pt-11)
4	Taste	-	Agreeable	Agreeable	Agreeable	IS 3025 (Pt-08)
5	Turbidity	NTU	BDL (DL1.0)	1	5	IS 3025 (Pt-10)
6	Total Dissolved Solids	mg/l	180	500	2000	IS 3025 (Pt-16)
7	Calcium as Ca	mg/l	30	75	200	IS 3025 (Pt-40)
8	Chloride as Cl	mg/l	30	250	1000	IS 3025 (Pt-32)
9	Fluoride as F	mg/l	0.24	1.0	1.5	APHA 22ND Ed 4500F
10	Free Residual Chlorine	mg/l	BDL(DL 0.05)	0.2*	1*	IS 3025 (Pt-26)
11	Sulphate as SO ₄	mg/l	22.8	200	400	IS 3025 (Pt-24)
12	Total Alkalinity as CaCO ₃	mg/l	45	200	600	IS 3025 (Pt-23)
13	Total Hardness as CaCO ₃	mg/l	100	200	600	IS 3025 (Pt-21)
14	Iron as Fe	mg/l	BDL(DL 0.05)	1.0	No relaxation	IS 3025 (Pt-53)

“Mixed Use Development Project” located at Sector-72, Gurgaon, Haryana by M/s Tata Realty & Infrastructure Ltd.

15	Magnesium as Mg	mg/l	6.0	30	100	APHA 22ND Ed.3500 mg B
----	-----------------	------	-----	----	-----	------------------------

Domestic Raw water for Day-2 monitoring results given in **Table 4(b)**.

Table 4(b): - Results of Domestic Raw water before treatment sample collection

S.No.	Test Parameters	Units	Results	IS 10500: 2012		Test Method
				Acceptable Limit, max.	Permissible Limit in the Absence of Alternate source, max	
1	Color	Hazen	BDL (DL5.0)	5	15	IS 3025 (Pt-04)
2	Odour	-	Agreeable	Agreeable	Agreeable	IS 3025 (Pt-05)
3	pH	-	7.52	6.5-8.5	No relaxation	IS 3025 (Pt-11)
4	Taste	-	Agreeable	Agreeable	Agreeable	IS 3025 (Pt-08)
5	Turbidity	NTU	BDL (DL1.0)	1	5	IS 3025 (Pt-10)
6	Total Dissolved Solids	mg/l	192	500	2000	IS 3025 (Pt-16)
7	Calcium as Ca	mg/l	32.1	75	200	IS 3025 (Pt-40)
8	Chloride as Cl	mg/l	38	250	1000	IS 3025 (Pt-32)
9	Fluoride as F	mg/l	0.26	1.0	1.5	APHA 22ND Ed 4500F
10	Free Residual Chlorine	mg/l	BDL(DL 0.05)	0.2*	1*	IS 3025 (Pt-26)
11	Sulphate as SO ₄	mg/l	24.2	200	400	IS 3025 (Pt-24)
12	Total Alkalinity as CaCO ₃	mg/l	50	200	600	IS 3025 (Pt-23)
13	Total Hardness as CaCO ₃	mg/l	108	200	600	IS 3025 (Pt-21)
14	Iron as Fe	mg/l	BDL(DL 0.05)	1.0	No relaxation	IS 3025 (Pt-53)
15	Magnesium as Mg	mg/l	6.8	30	100	APHA 22ND Ed.3500 mg B

5. Domestic Water Monitoring

Schedule for Domestic water monitoring is given in **Table 5**.

Table 5: Schedule for Domestic water sample collection

“Mixed Use Development Project” located at Sector-72, Gurgaon, Haryana by M/s Tata Realty & Infrastructure Ltd.

Day of sampling	Sample collected on	Location
Day 1	09/04/2021	Project Site
Day 2	26/06/2021	

Domestic water for Day-1 monitoring results given in Table 5(a).

Table 5(a): - Results of Domestic water before treatment sample collection

S.No.	Test Parameters	Units	Results	IS 10500: 2012		Test Method
				Acceptable Limit, max.	Permissible Limit in the Absence of Alternate source, max	
1	Color	Hazen	BDL (DL5.0)	5	15	IS 3025 (Pt-04)
2	Odour	-	Agreeable	Agreeable	Agreeable	IS 3025 (Pt-05)
3	pH	-	7.26	6.5-8.5	No relaxation	IS 3025 (Pt-11)
4	Taste	-	Agreeable	Agreeable	Agreeable	IS 3025 (Pt-08)
5	Turbidity	NTU	BDL (DL1.0)	1	5	IS 3025 (Pt-10)
6	Total Dissolved Solids	mg/l	168	500	2000	IS 3025 (Pt-16)
7	Calcium as Ca	mg/l	27.3	75	200	IS 3025 (Pt-40)
8	Chloride as Cl	mg/l	19.6	250	1000	IS 3025 (Pt-32)
9	Fluoride as F	mg/l	0.24	1.0	1.5	APHA 22ND Ed 4500F
10	Free Residual Chlorine	mg/l	BDL(DL 0.05)	0.2*	1*	IS 3025 (Pt-26)
11	Sulphate as SO ₄	mg/l	34.6	200	400	IS 3025 (Pt-24)
12	Total Alkalinity as CaCO ₃	mg/l	36	200	600	IS 3025 (Pt-23)
13	Total Hardness as CaCO ₃	mg/l	136	200	600	IS 3025 (Pt-21)
14	Iron as Fe	mg/l	BDL(DL 0.05)	1.0	No relaxation	IS 3025 (Pt-53)
15	Magnesium as Mg	mg/l	16.5	30	100	APHA 22ND Ed.3500 mg B

Domestic water for Day-2 monitoring results given in Table 5(b).

Table 5(b): - Results of Domestic water before treatment sample collection

S.No.	Test Parameters	Units	Results	IS 10500: 2012		Test Method
				Acceptable Limit, max.	Permissible Limit in the Absence of	

“Mixed Use Development Project” located at Sector-72, Gurgaon, Haryana by M/s Tata Realty & Infrastructure Ltd.

					Alternate source, max	
1	Color	Hazen	BDL (DL5.0)	5	15	IS 3025 (Pt-04)
2	Odour	-	Agreeable	Agreeable	Agreeable	IS 3025 (Pt-05)
3	pH	-	7.47	6.5-8.5	No relaxation	IS 3025 (Pt-11)
4	Taste	-	Agreeable	Agreeable	Agreeable	IS 3025 (Pt-08)
5	Turbidity	NTU	BDL (DL1.0)	1	5	IS 3025 (Pt-10)
6	Total Dissolved Solids	mg/l	192	500	2000	IS 3025 (Pt-16)
7	Calcium as Ca	mg/l	34	75	200	IS 3025 (Pt-40)
8	Chloride as Cl	mg/l	22.5	250	1000	IS 3025 (Pt-32)
9	Fluoride as F	mg/l	0.27	1.0	1.5	APHA 22ND Ed 4500F
10	Free Residual Chlorine	mg/l	BDL(DL 0.05)	0.2*	1*	IS 3025 (Pt-26)
11	Sulphate as SO ₄	mg/l	38.5	200	400	IS 3025 (Pt-24)
12	Total Alkalinity as CaCO ₃	mg/l	30	200	600	IS 3025 (Pt-23)
13	Total Hardness as CaCO ₃	mg/l	150	200	600	IS 3025 (Pt-21)
14	Iron as Fe	mg/l	BDL(DL 0.05)	1.0	No relaxation	IS 3025 (Pt-53)
15	Magnesium as Mg	mg/l	15.8	30	100	APHA 22ND Ed.3500 mg B

6. Diesel Generator Noise Monitoring Result

Schedule for Diesel Generator Noise monitoring is given in **Table 6**.

Table 6: Schedule for DG Noise sample collection

Day of sampling	Sample collected on	Locations
Day 1	26/06/2021	Project Site (DG-1), Capacity = 2000 kVA
	26/06/2021	Project Site (DG-2), Capacity = 2000 kVA
	26/06/2021	Project Site (DG-3), Capacity = 2000 kVA
Day 2	29/09/2021	Project Site (DG-1), Capacity = 2000 kVA
	29/09/2021	Project Site (DG-2), Capacity = 2000 kVA
	29/09/2021	Project Site (DG-3), Capacity = 2000 kVA

D.G. set 1 with capacity 2000 kVA for Day-1 was monitored for noise at Project Site. The results are given **Table-6(a)** below :-

Table 6(a): D.G. Set-1 Noise Monitoring Result

“Mixed Use Development Project” located at Sector-72, Gurgaon, Haryana by M/s Tata Realty & Infrastructure Ltd.

S. No.	Description	Result	Unit	Noise-level at 1 meter from the enclosure surface	Test Method
1	Acoustic enclosure (Open Door) Sound level pressure	104.2	dB(A)	-	ELPL/III/SOP/37
2	Acoustic enclosure (Closed Door) Sound level pressure	74.3	dB(A)	75	ELPL/III/SOP/37
3	Insertion Loss	29.9	dB(A)	25	ELPL/III/SOP/37

D.G. set 2 with capacity 2000 kVA for Day-1 was monitored for noise at Project Site. The results are given **Table-6(b)** below:-

Table 6(b): D.G. Set-2 Noise Monitoring Result

S. No.	Description	Result	Unit	Noise-level at 1 meter from the enclosure surface	Test Method
1	Acoustic enclosure (Open Door) Sound level pressure	103.8	dB(A)	-	ELPL/III/SOP/37
2	Acoustic enclosure (Closed Door) Sound level pressure	74.5	dB(A)	75	ELPL/III/SOP/37
3	Insertion Loss	29.3	dB(A)	25	ELPL/III/SOP/37

D.G. set 3 with capacity 2000 kVA for Day-1 was monitored for noise at Project Site. The results are given **Table-6(c)** below:-

Table 6(c): D.G. Set-3 Noise Monitoring Result

S. No.	Description	Result	Unit	Noise-level at 1 meter from the enclosure surface	Test Method
1	Acoustic enclosure (Open Door) Sound level pressure	104.5	dB(A)	-	ELPL/III/SOP/37
2	Acoustic enclosure (Closed Door) Sound level pressure	74.2	dB(A)	75	ELPL/III/SOP/37
3	Insertion Loss	30.3	dB(A)	25	ELPL/III/SOP/37

D.G. set 1 with capacity 2000 kVA for Day-2 was monitored for noise at Project Site. The results are given **Table-6(d)** below:-

Table 6(d): D.G. Set-2 Noise Monitoring Result

“Mixed Use Development Project” located at Sector-72, Gurgaon, Haryana by M/s Tata Realty & Infrastructure Ltd.

S. No.	Description	Result	Unit	Noise-level at 1 meter from the enclosure surface	Test Method
1	Acoustic enclosure (Open Door) Sound level pressure	104.8	dB(A)	-	ELPL/III/SOP/37
2	Acoustic enclosure (Closed Door) Sound level pressure	74.5	dB(A)	75	ELPL/III/SOP/37
3	Insertion Loss	30.3	dB(A)	25	ELPL/III/SOP/37

D.G. set 2 with capacity 2000 kVA for Day-2 was monitored for noise at Project Site. The results are given **Table-6(e)** below:-

Table 6(e): D.G. Set-2 Noise Monitoring Result

S. No.	Description	Result	Unit	Noise-level at 1 meter from the enclosure surface	Test Method
1	Acoustic enclosure (Open Door) Sound level pressure	103.9	dB(A)	-	ELPL/III/SOP/37
2	Acoustic enclosure (Closed Door) Sound level pressure	74.4	dB(A)	75	ELPL/III/SOP/37
3	Insertion Loss	29.5	dB(A)	25	ELPL/III/SOP/37

D.G. set 3 with capacity 250 kVA for Day-2 was monitored for noise at Project Site. The results are given **Table-5(f)** below:-

Table 5(f): D.G. Set-3 Noise Monitoring Result

S. No.	Description	Result	Unit	Noise-level at 1 meter from the enclosure surface	Test Method
1	Acoustic enclosure (Open Door) Sound level pressure	104.6	dB(A)	-	ELPL/III/SOP/37
2	Acoustic enclosure (Closed Door) Sound level pressure	74.5	dB(A)	75	ELPL/III/SOP/37
3	Insertion Loss	30.1	dB(A)	25	ELPL/III/SOP/37

Noise Limit for DG set (up to 1000 KVA) manufactured on or after 1st January 2015 shall be 75db (A) at 1 meter from the enclosed surface the result obtained above is within the permissible limit.

7. Diesel Generator Stack Monitoring Results

Schedule for Diesel Generator Stack monitoring is given in **Table 7**.

Table 7: Schedule for DG Stack sample collection

Day of sampling	Sample collected on	Locations
Day 1	09/04/2021	Project Site (DG-1)
	09/04/2021	Project Site (DG-2)
	09/04/2021	Project Site (DG-3)
Day 2	20/05/2021	Project Site (DG-1)
	20/05/2021	Project Site (DG-2)
	20/05/2021	Project Site (DG-3)
Day 3	26/06/2021	Project Site (DG-1)
	26/06/2021	Project Site (DG-2)
	26/06/2021	Project Site (DG-3)
Day 4	15/07/2021	Project Site (DG-1)
	15/07/2021	Project Site (DG-2)
	15/07/2021	Project Site (DG-3)
Day 5	09/08/2021	Project Site (DG-1)
	09/08/2021	Project Site (DG-2)
	09/08/2021	Project Site (DG-3)
Day 6	29/09/2021	Project Site (DG-1)
	29/09/2021	Project Site (DG-2)
	29/09/2021	Project Site (DG-3)

D.G. set for Day-1 was monitored for stack at project site. The results are furnished in **Table-7(a)** below: -

Table 7(a)- D.G. Stack Monitoring Results

D.G. Set Number	Capacity (KW)	Particulate Matter (PM)	Sulphur Dioxide (SO₂)	Oxides of Nitrogen (NO_x)	Hydrocarbon (HC)	Carbon Monoxide (CO)
		Unit (mg/Nm³)	Unit (mg/Nm³)	Unit ppm	Unit (mg/Nm³)	Unit (mg/Nm³)
1	2000 kVA	55.2	57.9	211.8	15	43
2	2000 kVA	52.5	56.4	180.4	16	42
3	2000 kVA	60.4	62.4	238.5	24	49
Emission Limits as		≤0.2	Not	≤4.0	≤4.0	≤3.5

“Mixed Use Development Project” located at Sector-72, Gurgaon, Haryana by M/s Tata Realty & Infrastructure Ltd.

per EP Rules		specified			
--------------	--	-----------	--	--	--

D.G. set for Day-2 was monitored for stack at project site. The results are furnished in **Table-7(b)** below: -

Table 7(b)- D.G. Stack Monitoring Results

D.G. Set Number	Capacity (KW)	Particulate Matter (PM)	Sulphur Dioxide (SO ₂)	Oxides of Nitrogen (NO _x)	Hydrocarbon (HC)	Carbon Monoxide (CO)
		Unit (mg/Nm ³)	Unit (mg/Nm ³)	Unit ppm	Unit (mg/Nm ³)	Unit (mg/Nm ³)
1	2000 kVA	56.8	56.3	221.8	18	48
2	2000 kVA	54.6	58.4	204.6	17	46
3	2000 kVA	63.6	67.8	248.5	21	52
Emission Limits as per EP Rules		≤0.2	Not specified	≤4.0	≤4.0	≤3.5

D.G. set for Day-3 was monitored for stack at project site. The results are furnished in **Table-7(c)** below: -

Table 7(c)- D.G. Stack Monitoring Results

D.G. Set Number	Capacity (KW)	Particulate Matter (PM)	Sulphur Dioxide (SO ₂)	Oxides of Nitrogen (NO _x)	Hydrocarbon (HC)	Carbon Monoxide (CO)
		Unit (mg/Nm ³)	Unit (mg/Nm ³)	Unit ppm	Unit (mg/Nm ³)	Unit (mg/Nm ³)
1	2000 kVA	57.5	96	224.2	26	58
2	2000 kVA	59.5	105	242	27	56
3	2000 kVA	60.2	92	258	23	54
Emission Limits as per EP Rules		≤0.2	Not specified	≤4.0	≤4.0	≤3.5

D.G. set for Day-4 was monitored for stack at project site. The results are furnished in **Table-7(d)** below: -

Table 7(d)- D.G. Stack Monitoring Results

D.G. Set Number	Capacity (KW)	Particulate Matter (PM)	Sulphur Dioxide (SO ₂)	Oxides of Nitrogen (NO _x)	Hydrocarbon (HC)	Carbon Monoxide (CO)
		Unit (mg/Nm ³)	Unit (mg/Nm ³)	Unit ppm	Unit (mg/Nm ³)	Unit (mg/Nm ³)
1	2000 kVA	52.1	58.8	219.1	21	49

“Mixed Use Development Project” located at Sector-72, Gurgaon, Haryana by M/s Tata Realty & Infrastructure Ltd.

2	2000 kVA	58.5	57.1	216.1	19	48
3	2000 kVA	60.9	65.2	239.9	23	56
Emission Limits as per EP Rules		≤0.2	Not specified	≤4.0	≤4.0	≤3.5

D.G. set for Day-5 was monitored for stack at project site. The results are furnished in **Table-7(e)** below: -

Table 7(e)- D.G. Stack Monitoring Results

D.G. Set Number	Capacity (KW)	Particulate Matter (PM)	Sulphur Dioxide (SO ₂)	Oxides of Nitrogen (NO _x)	Hydrocarbon (HC)	Carbon Monoxide (CO)
		Unit (mg/Nm ³)	Unit (mg/Nm ³)	Unit ppm	Unit (mg/Nm ³)	Unit (mg/Nm ³)
1	2000 kVA	54.8	61.4	228.6	23	56
2	2000 kVA	60.4	58.2	235.5	24	59
3	2000 kVA	62.2	61.6	256.1	25	62
Emission Limits as per EP Rules		≤0.2	Not specified	≤4.0	≤4.0	≤3.5

D.G. set for Day-6 was monitored for stack at project site. The results are furnished in **Table-7(f)** below: -

Table 7(f)- D.G. Stack Monitoring Results

D.G. Set Number	Capacity (KW)	Particulate Matter (PM)	Sulphur Dioxide (SO ₂)	Oxides of Nitrogen (NO _x)	Hydrocarbon (HC)	Carbon Monoxide (CO)
		Unit (mg/Nm ³)	Unit (mg/Nm ³)	Unit ppm	Unit (mg/Nm ³)	Unit (mg/Nm ³)
1	2000 kVA	59.6	64	242	22	56
2	2000 kVA	64.1	72.6	276	26	64
3	2000 kVA	61.6	68	266	24	62
Emission Limits as per EP Rules		≤0.2	Not specified	≤4.0	≤4.0	≤3.5

8. STP water monitoring

Schedule for STP water monitoring for inlet and outlet are given in **Table 8**.

Table 8: Schedule for STP Water sample collection

Day of sampling	Sample collected for Inlet and Outlet on	Locations
Day 1	Inlet- 09/04/2021	STP Plant
	Outlet- 09/04/2021	
Day 2	Inlet- 20/05/2021	
	Outlet- 20/05/2021	
Day 3	Inlet- 26/06/2021	
	Outlet- 26/06/2021	
Day 4	Inlet- 15/07/2021	
	Outlet- 15/07/2021	
Day 5	Inlet- 09/08/2021	
	Outlet- 09/08/2021	
Day 6	Inlet- 29/09/2021	
	Outlet- 29/09/2021	

STP Water for Day-1 was monitored for inlet and outlet at STP Plant. The results are furnished in **Table-8(a)** below: -

Table 8(a): Results of STP Inlet & Outlet Water Sample

S.No.	Test Parameters	Unit	Inlet Results	Outlet Results	Test Method
1	pH	-	6.88	7.38	IS 3025 (P-11)
2	Oil and grease	mg/l	24.8	1.4	IS 3025 (P-39)
3	Biochemical oxygen demand as BOD AT 27°C for 3 days	mg/l	170	7.5	IS 3025 (P-44)
4	Chemical oxygen demand as COD	mg/l	720	32	IS 3025 (P-58)
5	Total suspended solids as TSS	mg/l	106	14	IS 3025 (P-17)

STP Water for Day-2 was monitored for inlet and outlet at STP Plant. The results are furnished in **Table-8(b)** below: -

Table 8(b): Results of STP Inlet & Outlet Water Sample

“Mixed Use Development Project” located at Sector-72, Gurgaon, Haryana by M/s Tata Realty & Infrastructure Ltd.

S.No.	Test Parameters	Unit	Inlet Results	Outlet Results	Test Method
1	pH	-	6.78	7.42	IS 3025 (P-11)
2	Oil and grease	mg/l	28.8	1.5	IS 3025 (P-39)
3	Biochemical oxygen demand as BOD AT 27°C for 3 days	mg/l	210	10	IS 3025 (P-44)
4	Chemical oxygen demand as COD	mg/l	760	50	IS 3025 (P-58)
5	Total suspended solids as TSS	mg/l	122	20	IS 3025 (P-17)

STP Water for Day-3 was monitored for inlet and outlet at STP Plant. The results are furnished in **Table-8(c)** below: -

Table 8(c): Results of STP Inlet & Outlet Water Sample

S.No.	Test Parameters	Unit	Inlet Results	Outlet Results	Test Method
1	pH	-	7.08	7.32	IS 3025 (P-11)
2	Oil and grease	mg/l	22.8	BDL (DL2.0)	IS 3025 (P-39)
3	Biochemical oxygen demand as BOD AT 27°C for 3 days	mg/l	98	8.0	IS 3025 (P-44)
4	Chemical oxygen demand as COD	mg/l	256	36	IS 3025 (P-58)
5	Total suspended solids as TSS	mg/l	98	4.0	IS 3025 (P-17)

STP Water for Day-4 was monitored for inlet and outlet at STP Plant. The results are furnished in **Table-8(d)** below: -

Table 8(d): Results of STP Inlet & Outlet Water Sample

S.No.	Test Parameters	Unit	Inlet Results	Outlet Results	Test Method
1	pH	-	6.99	7.26	IS 3025 (P-11)
2	Oil and grease	mg/l	27.1	1.2	IS 3025 (P-39)
3	Biochemical oxygen demand as BOD AT 27°C for 3 days	mg/l	130	7.8	IS 3025 (P-44)
4	Chemical oxygen demand as COD	mg/l	400	38	IS 3025 (P-58)
5	Total suspended solids as TSS	mg/l	154	12	IS 3025 (P-17)

STP Water for Day-5 was monitored for inlet and outlet at STP Plant. The results are furnished in **Table-8(e)** below: -

Table 8(e): Results of STP Inlet & Outlet Water Sample

S.No.	Test Parameters	Unit	Inlet Results	Outlet Results	Test Method
1	pH	-	6.84	7.37	IS 3025 (P-11)
2	Oil and grease	mg/l	22.6	1.5	IS 3025 (P-39)

“Mixed Use Development Project” located at Sector-72, Gurgaon, Haryana by M/s Tata Realty & Infrastructure Ltd.

3	Biochemical oxygen demand as BOD AT 27°C for 3 days	mg/l	124	7.2	IS 3025 (P-44)
4	Chemical oxygen demand as COD	mg/l	482	34	IS 3025 (P-58)
5	Total suspended solids as TSS	mg/l	118	09	IS 3025 (P-17)

STP Water for Day-6 was monitored for inlet and outlet at STP Plant. The results are furnished in **Table-8(f)** below: -

Table 8(f): Results of STP Inlet & Outlet Water Sample

S.No.	Test Parameters	Unit	Inlet Results	Outlet Results	Test Method
1	pH	-	6.95	7.19	IS 3025 (P-11)
2	Oil and grease	mg/l	10.5	BDL(DL2.0)	IS 3025 (P-39)
3	Biochemical oxygen demand as BOD AT 27°C for 3 days	mg/l	82	5.1	IS 3025 (P-44)
4	Chemical oxygen demand as COD	mg/l	204	30	IS 3025 (P-58)
5	Total suspended solids as TSS	mg/l	68	7.0	IS 3025 (P-17)

”

”

”

”

”

”

!!!!!!!!!!!!

Cppgz wt g/KK'
Eqpugpv'vq'Qr gt cvg'*EVQ+''

”

”

”



HARYANA STATE POLLUTION CONTROL BOARD

Haryana State Pollution Control Board, 3rd Floor, HSIIDC Office Complex, IMT Manesar, Gurugram

E-mail: hspcb.pkl@sify.com



No. HSPCB/Consent/ : 329962319GUSOCTO6897008

Dated:31/10/2019

To.

M/s :Gurgaon Realtech Limited C/o M/s Tata Realty and Infrastructure Ltd.
Tower A & 3 Basement- TRIL Commercial Centre Killa No. 12/2 13/1 13/2 14/1
Village Fazirpur, Jharsa, Sector 72, Gurugram, Haryana

Subject: Grant of consent to operate to M/s Gurgaon Realtech Limited C/o M/s Tata Realty and Infrastructure Ltd..

Please refer to your application no. 6897008 received on dated 2019-09-26 in regional office Gurgaon South. With reference to your above application for consent to operate, M/s Gurgaon Realtech Limited C/o M/s Tata Realty and Infrastructure Ltd. is here by granted consent as per following specification/Terms and conditions.

HARYANA STATE	
Consent Under	BOTH
Period of consent	17/09/2019 - 30/09/2023
Industry Type	Building and construction project having waste water generation more than 100 KLD
Category	RED
Investment(In Lakh)	28731.0
Total Land Area(Sq. meter)	31970.11
Total Builtup Area(Sq. meter)	81935.57
Quantity of effluent	
1. Trade	0.0 KL/Day
2. Domestic	225.0 KL/Day
Number of outlets	1.0
Mode of discharge	
1. Domestic	Irrigation
2. Trade	0
Domestic Effluent Parameters	
1. BOD	30 mg/l
2. COD	250 mg/l
3. TSS	100 mg/l
4. Oil & Grease	10 mg/l
5. pH	5.5-9.0
Trade Effluent Parameters	
1. NA	

Number of stacks	1
Height of stack	
1. Attached to D.G.Sets above roof level	3 meter
Emission parameters	
1. NA	
Product Details	
1. N.A.	Metric Tonnes/day
Capacity of boiler	
1. N.A.	Ton/hr
Type of Furnace	
1. N.A.	
Type of Fuel	
1. Diesel	0.05 KL/day
Raw Material Details	
N.A.	Metric Tonnes/Day

Regional Officer, Gurgaon South

Haryana State Pollution Control Board.

HARYANA STATE Terms and conditions

1. The applicants shall maintain good house keeping both within factory and in the premises. All hose pipelines valves, storage tanks etc. shall be leak proof. In plant allowable pollutants levels, if specified by State Board should be met strictly.
2. The applicant/company shall comply with and carry out directive/orders issued by the Board in this consent order at all subsequent times without negligence of his /its part. The applicant/company shall be liable for such legal action against him as per provision of the law/act in case of violation of any order/directives. Issued at any time and or non compliance of the terms and conditions of his consent order.
3. The applicant shall make an application for grant of consent at least 90 days before the date of expiry of this consent.
4. Necessary fee as prescribed for obtaining renewal consent shall be paid by the applicant alongwith the consent application.
5. If due to any technological improvement or otherwise this Board is of opinion that all or any of the conditions referred to above required variation (including the change of any control equipment either in whole or in part) this Board shall after giving the applicant an opportunity of being heard vary all or such condition and there upon the applicant shall be bound to comply with the conditions so varied.
6. The industry shall provide adequate arrangement for fighting the accidental leakages, discharge of any pollutants gas/liquids from the vessels, mechanical equipment etc. which are likely to cause environment pollution.
7. The industry shall comply noise pollution (Regulation and control) Rules, 2000.
8. The industry shall comply all the direction/Rules/Instructions as may be issued by the MOEF/CPCB/HSPCB from time to time.

9. The industry shall ensure that various characteristics of the effluents remain within the tolerance limits as specified in EPA Standard and as amended from time to time and at no time the concentration of any characteristics should exceed these limits for discharge.
10. The industry would immediately submit the revised application to the Board in the event of any change in the raw material in process, mode of treatment/discharge of effluent. In case of change of process at any stage during the consent period, the industry shall submit fresh consent application alongwith the consent to operate fee, if found due, which may be on any account and that shall be paid by the industry and the industry would immediately submit the consent application to the Board in the event of any change during the year in the raw material, quantity, quality of the effluent, mode of discharge, treatment facilities etc.
11. The officer/official of the Board shall reserve the right to access for the inspection of the industry in connection with the various process and the treatment facilities. The consent to operate is subject to review by the Board at any time.
12. Permissible limits for any pollutants mentioned in the consent to operate order should not exceed the concentration permitted in the effluent by the Board.
13. The industry shall pay the balance fee, in case it is found due from the industry at any time later on.
14. If the industry fails to adhere to any of the conditions of this consent to operate order, the consent to operate so granted shall automatically lapse.
15. If the industry is closed temporarily at its own, they shall inform the Board and obtain permission before restart of the unit.
16. The industry shall comply all the Directions/ Rules/Instructions issued from time to time by the Board.

Specific Conditions :

1. The inspection of the unit will be carried out by HSPCB within a period of 03 months of grant of this first Consent to Operate / Authorization for collection of samples of effluent/air emission/noise as applicable.
2. In case the analysis report of samples of Air/effluent/noise so collected are found complying the standards prescribed under EP Rules, 1986, the 1st CTO so granted will remain valid for the period of CTO for which it has been granted based upon the category of the unit or as was demanded by the unit in case of failure of sample the 1st CTO so granted will be revoked.

Shakti Singh Digitally signed by Shakti Singh
Date: 2019.10.31 10:45:56 +05'30'
Regional Officer, Gurgaon South
Haryana State Pollution Control Board.



HARYANA STATE POLLUTION CONTROL BOARD

Haryana State Pollution Control Board, 3rd Floor, HSIIDC Office Complex, IMT Manesar, Gurugram Email:- hspcbrogrs@gmail.com
E-mail: hspcb@hry.nic.in



No. HSPCB/Consent/ : 329962320GUSOCTO7636129

Dated:23/05/2020

To.

M/s :Gurgaon Realtech Limited C/o M/s Tata Realty and Infrastructure Ltd.
Tower A, 3 Basement & Tower B (Expansion)- TRIL Commercial Centre Killa No. 12/2 13/1 13/2 14/1 Village Fazirpur, Jharsa, Sector 72, Gurugram, Haryana

Subject: Grant of consent to operate to M/s Gurgaon Realtech Limited C/o M/s Tata Realty and Infrastructure Ltd..

Please refer to your application no. 7636129 received on dated 2020-05-10 in regional office Gurgaon South. With reference to your above application for consent to operate, M/s Gurgaon Realtech Limited C/o M/s Tata Realty and Infrastructure Ltd. is here by granted consent as per following specification/Terms and conditions.

HARYANA STATE	
Consent Under	BOTH
Period of consent	10/05/2020 - 30/09/2024
Industry Type	Building and construction project having waste water generation more than 100 KLD
Category	RED
Investment(In Lakh)	38620.0
Total Land Area(Sq. meter)	31970.11
Total Builtup Area(Sq. meter)	113897.5
Quantity of effluent	
1. Trade	0.0 KL/Day
2. Domestic	343.0 KL/Day
Number of outlets	1.0
Mode of discharge	
1. Domestic	irrigation
2. Trade	0
Domestic Effluent Parameters	
1. BOD	30 mg/l
2. COD	250 mg/l
3. TSS	100 mg/l
4. Oil & Grease	10 mg/l
5. pH	5.5-9.0
Trade Effluent Parameters	
1. NA	

Number of stacks	1
Height of stack	
1. Attached to D.G.Sets above roof level	3 meter
Emission parameters	
1. NA	
Product Details	
1. N.A.	Metric Tonnes/day
Capacity of boiler	
1. N.A.	Ton/hr
Type of Furnace	
1. N.A.	
Type of Fuel	
1. Diesel	0.5 KL/day
Raw Material Details	
N.A.	Metric Tonnes/Day

Regional Officer, Gurgaon South

Haryana State Pollution Control Board.

HARYANA STATE Terms and conditions

1. The applicants shall maintain good house keeping both within factory and in the premises. All hose pipelines valves, storage tanks etc. shall be leak proof. In plant allowable pollutants levels, if specified by State Board should be met strictly.
2. The applicant/company shall comply with and carry out directive/orders issued by the Board in this consent order at all subsequent times without negligence of his /its part. The applicant/company shall be liable for such legal action against him as per provision of the law/act in case of violation of any order/directives. Issued at any time and or non compliance of the terms and conditions of his consent order.
3. The applicant shall make an application for grant of consent at least 90 days before the date of expiry of this consent.
4. Necessary fee as prescribed for obtaining renewal consent shall be paid by the applicant alongwith the consent application.
5. If due to any technological improvement or otherwise this Board is of opinion that all or any of the conditions referred to above required variation (including the change of any control equipment either in whole or in part) this Board shall after giving the applicant an opportunity of being heard vary all or such condition and there upon the applicant shall be bound to comply with the conditions so varied.
6. The industry shall provide adequate arrangement for fighting the accidental leakages, discharge of any pollutants gas/liquids from the vessels, mechanical equipment etc. which are likely to cause environment pollution.
7. The industry shall comply noise pollution (Regulation and control) Rules, 2000.
8. The industry shall comply all the direction/Rules/Instructions as may be issued by the MOEF/CPCB/HSPCB from time to time.

9. The industry shall ensure that various characteristics of the effluents remain within the tolerance limits as specified in EPA Standard and as amended from time to time and at no time the concentration of any characteristics should exceed these limits for discharge.
10. The industry would immediately submit the revised application to the Board in the event of any change in the raw material in process, mode of treatment/discharge of effluent. In case of change of process at any stage during the consent period, the industry shall submit fresh consent application alongwith the consent to operate fee, if found due, which may be on any account and that shall be paid by the industry and the industry would immediately submit the consent application to the Board in the event of any change during the year in the raw material, quantity, quality of the effluent, mode of discharge, treatment facilities etc.
11. The officer/official of the Board shall reserve the right to access for the inspection of the industry in connection with the various process and the treatment facilities. The consent to operate is subject to review by the Board at any time.
12. Permissible limits for any pollutants mentioned in the consent to operate order should not exceed the concentration permitted in the effluent by the Board.
13. The industry shall pay the balance fee, in case it is found due from the industry at any time later on.
14. If the industry fails to adhere to any of the conditions of this consent to operate order, the consent to operate so granted shall automatically lapse.
15. If the industry is closed temporarily at its own, they shall inform the Board and obtain permission before restart of the unit.
16. The industry shall comply all the Directions/ Rules/Instructions issued from time to time by the Board.

Specific Conditions :

1. The inspection of the unit will be carried out by HSPCB within a period of 03 months of grant of this first Consent to Operate / Authorization for collection of samples of effluent/air emission/noise as applicable.
2. In case the analysis report of samples of Air/effluent/noise so collected are found complying the standards prescribed under EP Rules, 1986, the 1st CTO so granted will remain valid for the period of CTO for which it has been granted based upon the category of the unit or as was demanded by the unit in case of failure of sample the 1st CTO so granted will be revoked.

Shakti Singh Digitally signed by Shakti Singh
Date: 2020.05.23 16:52:10 +05'30'
Regional Officer, Gurgaon South

Haryana State Pollution Control Board.

Annexure-IV
Hazardous Waste Authorization
(HWA)



Haryana State Pollution Control Board
Haryana State Pollution Control Board, 3rd Floor, HSIIDC Office Complex,
IMT Manesar, Gurugram Email:- hspcbrogrs@gmail.com



No. :HWM/GUSO/2020/7022058

DT: 29/06/2020

To

M/s Gurgaon Realtech Limited C/o M/s Tata Realty and Infrastructure Ltd.
Tower A, 3 Basement & Tower B (Expansion)- TRIL Commercial Centre Killa No. 12/2 13/1
13/2 14/1 Village Fazirpur, Jharsa, Sector 72, Gurugram, Haryana
Gurgaon south

Sub: Grant of Authorization under Hazardous and Other Wastes(Management & Transboundry Movement) Rules, 2016

1. Reference of application:7022058 dated: 29/06/2020
2. Karun Singh of Gurgaon Realtech Limited C/o M/s Tata Realty and Infrastructure Ltd. is hereby granted an authorization for generation, collection, storage, disposal on the premises situated at Tower A, 3 Basement & Tower B (Expansion)- TRIL Commercial Centre Killa No. 12/2 13/1 13/2 14/1 Village Fazirpur, Jharsa, Sector 72, Gurugram, Haryana

Details of Authorization

S.No.	Name of process and Category of Hazardous Waste as per the Schedules I, II and III of these rules	Authorized mode of disposal or recycling or utilisation or co-processing, etc.	Quantity
1	Industrial operations using mineral/synthetic oil as lubricant in hydraulic systems or other applications, Used/spent oil	Authorized used oil recycler	3.5 KL/Annu m

1. The authorization shall be valid for a period of 10/06/2020 to 30/09/2024
2. The authorization is subject to the following general and specific conditions :-
 1. Unit will submit the Annual Return on form-IV regularly.
 2. Unit will revalidate the Agreement with GEPIL/waste oil recycler before Expiry of Agreement.
 3. Unit will submit copy of manifest for transfer of HW regularly.

Regional Officer Gurgaon South
For Haryana State Pollution Control Board

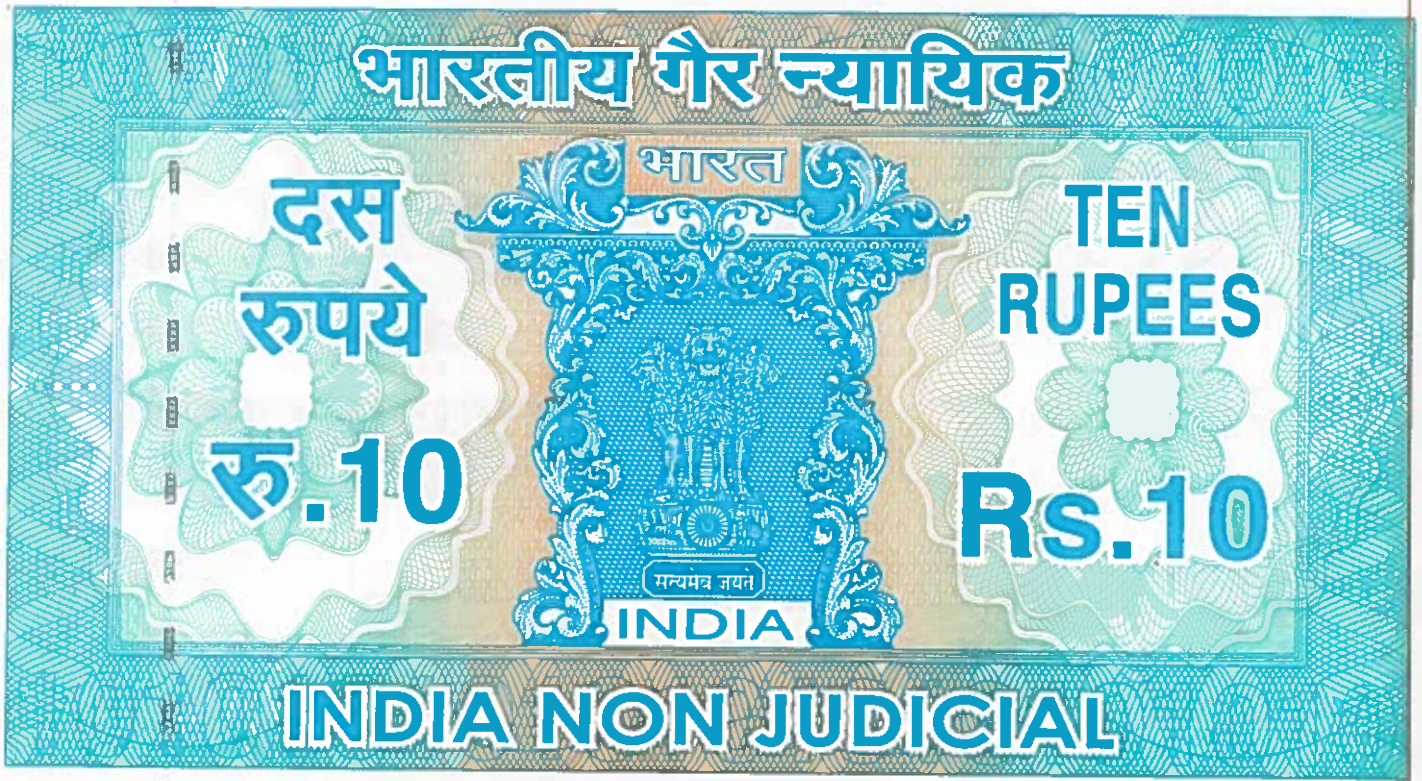
Conditions of Authorization:

1. The authorised person shall comply with the provisions of the Environment (Protection) Act, 1986, and the rules made there under.
2. The authorization or its renewal shall be produced for inspection at the request of an officer authorised by the State Pollution Control Board.
3. The person authorised shall not rent, lend, sell, transfer or otherwise transport the hazardous and other wastes except what is permitted through this authorization.
4. Any unauthorised change in personnel equipment or working conditions as mentioned in the application by the person authorised shall constitute a breach of this authorization.
5. The person authorised shall implement Emergency Response Procedure (ERP) for which this authorization is being granted considering all site specific possible scenarios such as spillages, leakages, fire etc. and their possible impacts and also carry out mock drill in this regard at regular interval of time.
6. The person authorised shall comply with the provisions outlined in the Central Pollution Control Board guidelines on "Implementing Liabilities for Environmental Damages due to Handling and Disposal of Hazardous Waste and Penalty".
7. An application for the renewal of an authorization shall be made as laid down under these Rules.
8. Any other conditions for compliance as per the guidelines issued by the Ministry of Environment, Forest and Climate Changes or Central Pollution Control Board from time to time.
9. Annual return shall be filed by June 30 th for the period ensuring 31 st March of the year.

HARYANA STATE

Shakti Singh Digitally signed by Shakti Singh
Date: 2020.06.29 10:32:05 +05'30'
Regional Officer Gurgaon South
For Haryana State Pollution Control Board

Annexure-V
Copy of E-waste Agreement



हरियाणा HARYANA

51AA 253471

**AGREEMENT FOR SAFELY DISPOSAL OF HAZARDOUS
WASTE (E- Waste)**

This agreement is made and executed at Gurgaon on 23rd June, 2020.


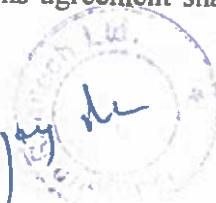
By and Between:

M/s. Gurgaon Realtech Ltd. Killa No. 12/2,13/1,13/2,14/1, Sector-72, Vill.Fazilpur,Jharsa,Gurgaon-Haryana [Thereinafter referred to as the 'First Party'] which expression shall unless repugnant to the context or meaning hereof mean and include its representative, successors in interest, executors, Administrators, liquidators and permitted assigns], through its duly Authorized Signatory Mr. Vijay Misra of the one part;

And

M/s, V.S.ENTERPRISES, PLOT NO-9, PRAGATI VIHAR,SECTOR-59, BALLABGARH FARIDABAD-121104 hereinafter referred to as the "Second Party", which expression shall, unless repugnant to the context or meaning hereof, mean and include its representatives, successors in interest, executors, administrators, liquidators and permitted assigns], through its duly Authorized Signatory Mr. Yogesh Bhuria of the other part;

(The above mentioned Parties to this agreement shall also be collectively referred to as "Parties" and individually as "Party").



AND WHEREAS the Second Party has represented that they are the authorized, registered and licensed under Rajasthan State Pollution Control Board and have a cost effective organization of Hazardous Waste to safely dispose generated E-Waste and has requested to purchase the E-Waste from the first party and First Party has accepted the request of Second Party on the terms and conditions set forth in this agreement.

AND WHEREAS it is deemed expedient to record the terms and conditions between the parties in this Agreement.

NOW THIS AGREEMENT WITNESSETH AND IT IS HEREBY AGREED, DECLARED COVENANTED AND RECORDED BY AND BETWEEN THE PARTIES HERETO AS FOLLOWS.

The first party agreed to award contract for lifting of e-waste as per the following terms & conditions:-

- a. This agreement is made under the "E-waste (Management & Handling) Rules 2011 which is called here Said "Act"
- b. That the Contractor will provide the following services:-
 - i) For management & handling of E-Waste (CAT 31.1).
 - ii) Final Disposal of E-Waste (CAT 31.1) as per law.
- b. That The Principal shall alone be liable for fulfill & maintain all the required documents & records which are required under the said "ACT". Form -6 will be provided by the party. Also help in maintaining Form-2.
- d. Taxes & Duties: Taxes & Duties shall be per attached Quotation. Taxes and duties are inclusive in the rate quoted and also mentioned in the agreement.
- e. That the Principle shall maintain all the registers and records (Form 2) required to be maintained by a contractor as per E-waste (Management & Handling) Rules 2011.
- f. The Contractor undertakes to hold full responsibility and liability for non-compliance of any applicable law in any manner on the part of the contractor. The Principal shall not be liable for any unlawful action or inaction on the part of the Contractor. The Contractor however, shall indemnify the principle for any loss or damages or claim it may suffer or incur due to unlawful action or inaction on the part of the Contractor.



g. After lifting of the e-waste or hazardous waste material from the principal premises, the principal are not liable and/or responsible for any loss which occur due to damage, leakage, spillage, accident, pilferage etc.

h. The Principal undertakes to hold full responsibility and liability for non-compliance of any applicable law in any manner on the part of the Principal. The Contractor shall not be liable for any unlawful action or inaction on the part of the Principal. The Principal however, shall indemnify the Contractor for any loss or damages or claim it may suffer or incur due to unlawful action or inaction on the part of the Principal.

i. The principal shall have right to nominate its representative to be present at the time of fulfill the Compliance under the said ACT.

1. That the Principal will receive the 4 copies of manifest from the Contractor as per from 6 of the above mentioned rule. Copy number with colour code:

I> COPY(Yellow) :To be retained by the sender after taking signature on it from the transporter and other three copies will be carried by transporter.

II> COPY(Pink): To be retained by the receiver after signature of the transporter.

III> COPY(Orange) :To be retained by the transporter after taking signature of the receiver.

IV> COPY (Green) :To be returned by the receiver with his/her signature to the sender.

2. That the Contractor undertakes to indemnify and keep indemnified the First Party in case of any misuse, mishandling, pilferage or spill over of the hazardous waste by the Second Party, its employee, agents and / or any authorized person thereof resulting in any penalty, liability and damages under any rule, regulation, Acts, Notification imposed by the authority concerned.

THAT THE PAYMENTS TERMS WILL BE AS UNDER:

1. The respective rates for e- waste rate , payable by Second Party shall be as follows:-

Sr.No	Particular	UOM	Rate (Rs.)	Payment Term By Whom To Whom
1.	Tube Light & CFL, Electronic Choke (Plastic items)	KG	25/-	To be paid by Gurgaon Realtech Ltd
2	Other Metal E Waste	KG	10/-	To be paid by Gurgaon Realtech Ltd
3	EPrinter, Scanner, Keyboard and others)	KG	8	To be paid by V.S Enterprises



--	--	--	--	--



- a. All taxes excise duties, sales taxes, wherever applicable is mentioned in net prices.
- b. All Payments to be made in advance through Cheque/ Pay Order Deposit/ cash.
- c. The transportation and any other cost required for collection will be borne by Second Party.

THAT THE DURATION OF AGREEMENT WILL BE AS UNDER:

1. Both the parties have read and understand the contents of the above agreement and have executed this agreement on the day, month and year stated above.

2. That in case of any dispute and/or touching upon and/or relating to this contract and/or anything incidental thereto including any and/or any or all claims of either of the parties shall be referred to the sole arbitration of Company's official not below the rank of Manager whose award shall be final and binding upon the parties. The arbitration shall be in accordance with Indian Arbitration Act. The venue of arbitration shall be at the discretion of the arbitrator

- This agreement shall be effective for a period of **Two Years** and commenced from 1st June, 2021 to 31st May, 2023

M/s Gurgaon Realtech LTD	M/s V.S. ENTERPRISES
	
<u>PARTICULARS OF SIGNATORY</u>	<u>PARTICULARS OF SIGNATORY</u>
Mr. Vijay Misra / Auth. Signatory	Mr. Yogesh Bhuria/Auth. Signatory

Annexure-VI
Copy of MSW Agreement

Ref. No. __EEGFPL/ZONE-4/WARD-26/WGGN0002330

MEMORANDUM OF UNDERSTANDING

This Memorandum of Understanding (MOU) is mutually agreed and executed at Gurugram on this 26th day of March 2021 as per rights conferred upon by Municipal Corporation of Gurugram hereinafter, referred to as 'MCG') to Ecogreen Energy Gurgaon Faridabad Private Limited (hereinafter, referred to as 'Company') as mentioned in Concessionaire Agreement dated 14.08.2017. The details are mentioned herein below:

S. NO.	CLAUSE	DETAILS
1.	Name & Address of the Company	Ecogreen Energy Gurgaon Faridabad Private Limited (EEGFPL) Unit No. 228-236, 2 nd Floor, Tower A, Spaze I-Tech park, Sector-49, Sohna Road, Gurugram, Haryana-122018
2.	Name and Address of Waste Generator: Premises Details (BWG's)	Gurgaon Realtech Limited Killa No. 12/2,13/1,13/2,14/1, Sec-72, Vill- Fazilpur, Gurugram, HR-122101
3.	Service(s) Offered by Company	Single point collection and transportation of Municipal Solid Waste.
4.	Responsibilities of Customer	The waste generator shall provide segregated waste i.e. both dry & wet separately at the designated point(s) mentioned by customer.
5.	User Charges Payable	<ul style="list-style-type: none"> Total Applicable User Charges: ₹ 8,475 / per month Net Payable Amount including GST @ of 18%: ₹ 10,000/ month Due Date: 7th day of every month or within 7 days from the date of bill/invoice submission by Company. (Details in Annexure 1 – Data Sheet) <p>If the waste generator fails to make the payment within the due date, the Company shall have the right to stop the services immediately till realisation of the pending payments</p> <p>Note: - MCG has notified user charges for different categories of waste generators. The rates are subject to the revision(s) as per the MCG's further amendments and or modifications, notifications, order etc. if any. In case of any change in the rates, then Company shall have the right to revise the rate and also entitled to recover the difference between the paid and revised user charges from Waste Generator from the date of notification/order/modifications/amendments etc. issued by MCG</p>
6.	Billing Details	Billing cycle shall be maintained and honoured on monthly basis. The amount as mentioned in clause 5 shall be paid on or before due date i.e. within 07 days of the bill/invoice raised
7.	Mode of Payment	Cheque / RTGS / NEFT / Demand Draft / Online Payment / Paytm Business account (Strictly, no other mode of payment is authorised by the Company or is being accepted it). NOTE: The company do not accept the cash.



		(Account details are mentioned in Annexure 2)
8.	Force Majeure	Neither party shall be liable for any failure or delay in performance of its obligations under this Agreement arising out of or caused, directly or indirectly, by circumstances beyond its reasonable control, including, without limitation, acts of God; earthquakes; fires; floods; wars; civil or military disturbances; acts of terrorism; sabotage; strikes; epidemics; riots; epidemic and any such circumstances beyond its reasonable control as may cause interruption; labour disputes; acts of civil or military authority; governmental actions, inability to obtain labour, equipment or transportation; provided, however, that in the event of a failure or delay. The Company shall its best efforts to restore the effects of any such failure or delay. In the event of non-fulfilment of any term of this MoU due to any reason mentioned above or otherwise the Company shall not be held responsible for any loss or consequential loss
9.	Confidentiality	Each party shall maintain the confidentiality of this MOU. The Parties (i.e. the Company and the Bulk Waste Generator) have agreed not to disclose or part away with any information without the prior knowledge and consent of the other Party at any time unless mandated by applicable laws.
10.	Amendment	Any changes, modifications, revisions or amendments to this MOU shall be valid and binding on the Parties only if it is made in writing and signed by duly authorized representatives of each Party
11.	Governing Law and Jurisdiction	This MoU shall be governed and construed in accordance with the laws of India. Except as provided otherwise, the courts at Gurugram, Haryana, India shall have exclusive jurisdiction to resolve the issues arising out of this MoU
12.	Validity	This MOU is valid till 31 st Mar 2022. All amendments in the Concession agreement made by any party in any manner shall be vice versa effective and applicable upon this MOU. In case if any waste generator fails to make the payment as mentioned in Clause no.5, the Company shall have the right to terminate this MOU
13.	Notices	All notices and other communications shall be sent to the address of each Party as set forth at the beginning of this MOU

Note:-

It is hereby declared by both the parties to this MoU that, that the Company i.e. Ecogreen Energy Gurgaon Faridabad Private Limited is the only designated and duly authorized entity for the collection, transportation, processing of Municipal Solid Waste within the Municipal Limits of Gurugram District. Dumping of Municipal Solid Waste in any unspecified areas or handover of such Municipal Solid Waste to any other person/entity, is illegal & leads to littering which is in direct violation of Solid Waste Management Rules, 2016 and orders of the Hon'ble National Green Tribunal.

For and on Behalf of (Customer)
Gurgaon Realtech Limited

Authorized Signatory



For and on behalf of (Company)
Ecogreen Energy Gurgaon Faridabad Private Limited

Authorized Signatory



Handwritten signatures and initials: Spal, M

ENCLOSED:

- I. Annexure 1- DATA SHEET
- II. Annexure 2 - ECOGREEN PAYMENT DETAILS
- III. Annexure 3 - DECLARATION FROM CUSTOMER FOR NOT RELEASING PAYMENT IN CASH AGAINST ECOGREEN INVOICES



Annexure 1 – DATA SHEET

(To be filled in as per discussion with Bulk Waste Generator)


Customer Details -

Customer Name	Gurgaon Realtech Limited
Address	Killa No. 12/2,13/1,13/2,14/1, Sec-72, Vill- Fazilpur, Gurugram, HR-122101
Ward Number	26
Zone	4
Mobile Number	9616240044
Email ID	<u>Estatemanagement.g2@tatarealty.in</u>
GST Number	06AAACU8322J1ZA

MOU Type	<input type="checkbox"/> New <input checked="" type="checkbox"/> Renewal		
Date of start of work by Ecogreen	DD	MM	YY
	01	03	2020
Total area (Square meters/Square Feet)	16950 Sq Mtr		
Number of units	1		
User charges applicable	8,475/-		
Total applicable user charges payable (Including 18 % GST as applicable)	8475 + 18 % GST(1525)= 10,000/-		



Annexure – 2 ECOGREEN PAYMENT DETAILS

Company Name	Ecogreen Energy Gurgaon Faridabad Private Limited
Corporate Office Address	Unit No. 228-236, 2nd Floor, Tower A, Spaze I-Tech Park Sector-49, Sohna Road, Gurgaon, Haryana-122018
Particulars of Bank Account for Cheque & DD	
Name of the Company	Ecogreen Energy Gurgaon Faridabad Private Limited
Name of Bank	Yes Bank
Name of Bank Branch	Gurgaon Fortune Global
City/Place	Gurgaon
Account Number	000266200000513
Account type	Escrow Account
IFSC code	YESB0000002
Online Payment	https://payment.ecogreenwte.com/
Paytm Business Account Number	8448893242
Paytm Business Account QR Code	



Annexure 3

DECLARATION FROM CUSTOMER FOR NOT RELEASING PAYMENT IN CASH AGAINST ECOGREEN INVOICES

Background:

Dear Customer,

This is to bring into your notice that there have been many instances in past wherein payment for Ecogreen invoices has been collected in cash by unauthorized persons /persons not related to Ecogreen by impersonating employees/representatives of Ecogreen. Due to this these payments are never deposited into Ecogreen account that led to showing outstanding against the name of the Customers. Due to the unnecessary inconvenience caused to our customers, Ecogreen has decided to stop collecting bill payment in cash.

In your own interest, we request you to kindly release payment to us through cheque or various electronic transfer modes as mentioned in annexure 2 of this MOU copy.

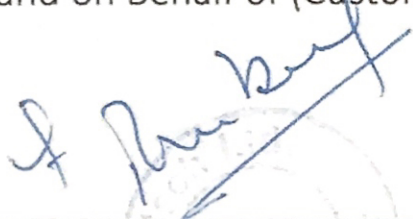
To be used by Customers

We Gurgaon Realtech Limited having address at Killa No. 12/2,13/1,13/2,14/1, Sec-72, Vill- Fazilpur, Gurugram, HR-122101 agree to the terms and conditions of the MOU dated 26/03/2021 declare that we will not release any payment to Ecogreen Energy Gurgaon Faridabad Private Limited in cash for bills submitted by Ecogreen. I shall be fully responsible for and liable to pay to the Ecogreen any amount paid in cash by me, whenever demanded by the Company.

I further declare that I shall have no objection if the company makes any claim against me on account of cash paid by me against the invoices of Ecogreen.

I have read this declaration and have understood the contents of it to my satisfaction.

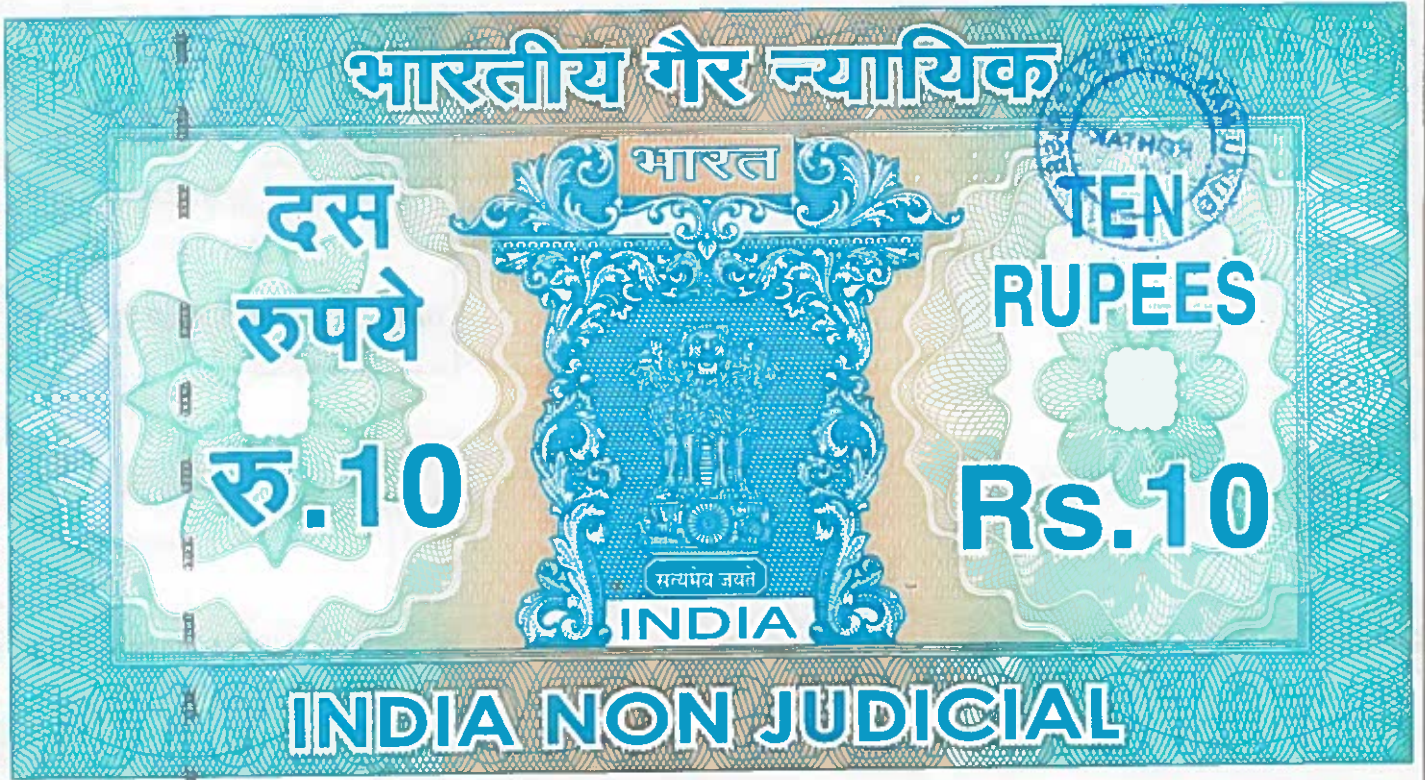
For and on Behalf of (Customer)



Authorized Signatory



Annexure-VII
Copy of Battery Waste
Management Agreement



हरियाणा HARYANA

51AA 254491

**AGREEMENT FOR SAFELY DISPOSAL OF HAZARDOUS
WASTE (USED BATTERY)**

This agreement is made and executed at Gurgaon on 1st June 2021.

By and Between:

M/s. Gurgaon Realtech Ltd. Killa No. 12/2,13/1,13/2,14/1, Sector-72, Vill.Fazilpur,Jharsa,Gurgaon-Haryana [hereinafter referred to as the 'First Party' which expression shall unless repugnant to the context or meaning hereof mean and include its representative, successors in interest, executors, administrators, liquidators and permitted assigns], through its duly Authorized Signatory **Mr.Vijay Misra** . of the **one** part;

And

M/s GURU NANAK ENTERPRISES, HAVING ITS OFFICE SINGHPURA ROHTAK, HARYANA, hereinafter referred to as the "**Second Party**", which expression shall, unless repugnant to the context or meaning hereof, mean and include its representatives, successors in interest, executors, administrators, liquidators and permitted assigns], through its duly Authorized Signatory **Mr. Yogesh Bhuria**, of the **other** part;



GURU NANAK ENTERPRISES
Singhpura Road,
Rohtak

(The above mentioned Parties to this agreement shall also be collectively referred to as "**Parties**" and individually as "**Party**").

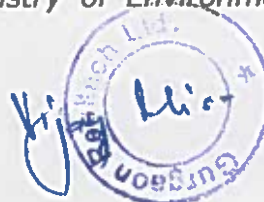
AND WHEREAS the Second Party has represented that they are the authorized, registered and licensed under Central Pollution Control Board and Haryana State Pollution Control Board and have a cost effective organization of Hazardous Waste to safely dispose generated Battery and has requested to purchase the Used Battery from the first party and

First Party has accepted the request of Second Party on the terms and conditions set forth in this agreement.

AND WHEREAS it is deemed expedient to record the terms and conditions between the parties in this Agreement.

NOW THIS AGREEMENT WITNESSETH AND IT IS HEREBY AGREED, DECLARED COVENANTED AND RECORDED BY AND BETWEEN THE PARTIES HERETO AS FOLLOWS.

1. That the First Party has agreed to engage Second Party on terms and conditions contained hereinafter for selling used Battery from First Party.
2. That Second Party will purchase the used Battery from first parties as mentioned above sites at rates mentioned in this agreement.
3. That Second Party shall use its best skills and judgments and shall perform all services timely, diligently and to the reasonable scarification of the First Party in a whole.
4. That the Second Party shall provide the service diligently and in conformity with the applicable laws and regulations. Second Party shall carry out the service in under the supervision of employees of First Party.
5. That the services to be provided by the Second Party are detailed in this agreement. However it is expressly understood between the parties that scope of work is only indicative of the services to be provided by Second Party and not an exhaustive list of the services to be provided by Second Party and the First Party will be entitled to add more service in the scope of work.
6. That Second Party undertakes to fulfill all the formalities and requirements of Government of India, Ministry of Environment and Forest and CPCB and other authorities.



GURU NARAK ENTERPRISES
Singhpura Road,
Rohtak

7. That the Second Party will be responsible for collection of used battery at price indicated against each item hereunder.

THAT THE SCOPE OF WORK WILL BE AS UNDER:

1. That used Battery will be sold to second party under the supervision of representative of First Party.
2. That the representative of the First Party shall observe the loading of the vehicle when used oil is taken from the Second Party. In such case Second Party representative will accompany the truck during the time it is lifted from the sites.
3. That the clearance of the paper such as gate pass will be provided by the First Party.
4. That at the disposal site, waste will be stored as per the categorization and adequately segregated. All precautions shall be taken to avoid spillage of any kind and leaching to the soil. The Second Party shall ensure that the people handling hazardous waste have adequate training and knowledge of type of hazardous waste being handled.
5. The Second Party shall ensure that the vehicle for transportation of hazardous is in perfect condition and the driver has valid driving license and other permission and necessary papers. If any of the transport is approved by State Pollution Control Board is there, then vehicle will be arranged from the transporting agency only.
6. That the Second Party will ensure that before loading all hazardous waste are labeled (as per form-8 of the rule).
7. That If any material is found to be taken out by Second Party except permitted than First Party have the sole right to cancel the agreement with immediate effect. The case will be handed over to First Party's Legal Staff for future action.

THAT THE SECOND PARTY UNDERTAKES AS UNDER:

1. That the Second Party represents that they have the specialization to handle Hazardous Waste, used Battery and permission under Applicable Rule i.e. Hazardous Waste (Management and Handling) Rules 1989 Amended 2016.

2. That the Second Party will ensure that the hazardous waste will be



GURU NANAK ENTERPRISES
Singhpura Road,
Rohtak

Loaded stored and copy of TERM card (as per Form-9 of the above mentioned Rule) be given. In case of any doubt, concern First Party's Officials may be asked for the clarification.

3. That the Second Party will produce consent from respective State Pollution Control Board (From -2) and the approval of the disposal site from Ministry of Environment & Forest.
4. That the First Party will receive the 7 copies of manifest from the Second Party as per from 10 of the above mentioned rule.
 - Copy-1 (White): Copy 1 will be forwarded to SPCB/PCC by first party.
 - Copy-2 (Yellow): Copy 2 will be retained by first Party.
 - Copy-3 (Pink): Copy 3 will be returned by the First Party to second party.
 - Copy-4 (Orange): Copy 4 will be returned to the transporter after accepting waste.
 - Copy-5 (Green): Copy 5 will be forwarded to Pollution Control Board after disposal.
 - Copy-6 (Blue): Copy 6 will be returned to First party after safe disposal.
 - Copy-7 (GREY): Copy 7 will be returned to First party after safe disposal.
5. That the Second Party undertakes to indemnify and keep indemnified the First Party in case of any misuse, mishandling, pilferage or spill over of the hazardous waste by the Second Party, its employee, agents and / or any authorized person thereof resulting in any penalty, liability and damages under any rule, regulation, Acts, Notification imposed by the authority concerned.

Kijay




GURU NANAK ENTERPRISES
Singhpura Road,
Rohtak

THAT THE PAYMENTS TERMS WILL BE AS UNDER:



1. The respective rates for Battery, payable by Second Party shall be as follows :-

S. No.	Type of Batteries	Rate Per No.
1	180 AH	2500.00
2	160 AH	2400.00
3	150 AH	1800.00
4	100 AH	1200.00
5	26 AH	450.00
6	17/18 AH	280.00
7	7 AH	110.00
8	42 AH	730.00
9	75 AH	960.00

- All taxes excise duties, sales taxes, wherever applicable is mentioned in net prices.
- All Payments to be made in advance through Cheque/ Pay Order Deposit.
- The transportation and any other cost required for used Battery collection will be born by Second Party.
- First Party reserves its right to review the rates of the used Battery items on periodic basis at its own discretion.

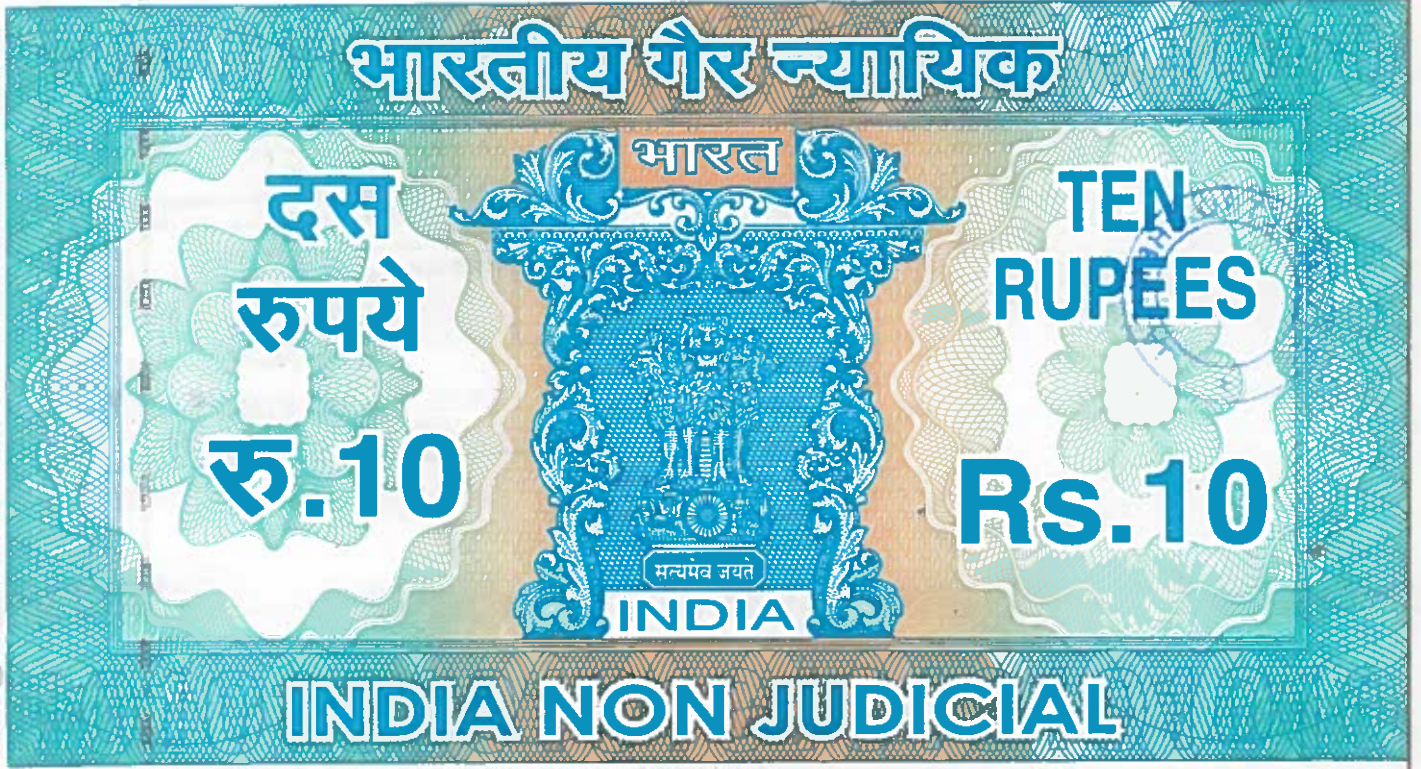
THAT THE DURATION OF AGREEMENT WILL BE AS UNDER:

- This agreement shall be affective for a period of Two years and commenced from 1st June 2021 to 31st May 2023.

M/s. Gurgaon Realtech Ltd	M/s Shri Guru Nanak Auto Industrial Corporation
	
<u>PARTICULARS OF SIGNATORY</u>	<u>PARTICULARS OF SIGNATORY</u>
NAME: Vijay Misra / Auth. Signatory	NAME: Yogesh Bhuria Auth. Signatory

Annexure-VIII

**Copy of Hazardous Waste (Used
Lube Oil) Management'Cit ggo gpv**



हरियाणा HARYANA

51AA 501599

**AGREEMENT FOR SAFELY DISPOSAL OF HAZARDOUS
WASTE (USED LUBE OIL)**

This agreement is made and executed at Gurgaon on 1st June, 2021.

By and Between:

M/s Gurgaon Realtech Ltd, having its site at Killa No.12/2,13/1,13/2,14/1, Sector72, Vill.Fazilpur, Jharsa, Gurgaon, Haryana [Thereinafter referred to as the 'First Party'] which expression shall unless repugnant to the context or meaning hereof mean and include its representative, successors in interest, executors, Administrators, liquidators and permitted assigns], through its duly Authorized Mr.Vijay Misra of the one part;

And

M/s Satyam Petro Chemical, Proprietor concern having its Recycling Plant at Plot No.5, Sector-4, Ballabgarh, Faridabad, Haryana, hereinafter referred to as the "Second Party", which expression shall, unless repugnant to the context or meaning hereof, mean and include its representatives, successors in interest, executors, administrators, liquidators and permitted assigns], through its duly Authorized Signatory Mr. Yogesh Bhuria of the other part;

(The above mentioned Parties to this agreement shall also be collectively referred to as "Parties" and individually as "Party").



AND WHEREAS the Second Party has represented that they are the authorized, registered and licensed under Central Pollution Control Board and Haryana State Pollution Control Board and have a cost effective organization of Hazardous Waste to safely dispose generated waste oil and has requested to purchase the Used Lube Oil from the first party and First Party has accepted the request of Second Party on the terms and conditions set forth in this agreement.

AND WHEREAS it is deemed expedient to record the terms and conditions between the parties in this Agreement.

NOW THIS AGREEMENT WITNESSETH AND IT IS HEREBY AGREED, DECLARED COVENANTED AND RECORDED BY AND BETWEEN THE PARTIES HERETO AS FOLLOWS.

1. That the First Party has agreed to engage Second Party for buying used lube oil from First Party.
2. That Second Party will purchase the used lube oil from first party from its manufacturing plant, as mentioned above at rates mentioned in this agreement.
3. That Second Party shall use its best skills and judgments and shall perform all services timely, diligently and to the reasonable satisfaction of the First Party in a whole.
4. That the Second Party shall provide the service diligently and in conformity with the applicable laws and regulations. Second Party shall carry out the service in under the supervision of employees of First Party.
5. That the services to be provided by the Second Party are detailed in this agreement. However it is expressly understood between the parties that scope of work is only indicative of the services to be provided by Second Party and not an exhaustive list of the services to be provided by Second Party and the First Party will be entitled to add more service in the scope of work.
6. That Second Party undertakes to fulfill all the formalities and requirements of Government of India, Ministry of Environment and Forest and CPCB and other relevant authorities.
7. That the Second Party will be responsible for collection of used lube oil at price indicated against each item hereunder.



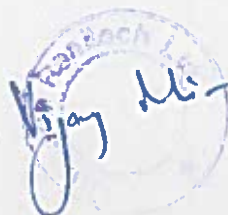


THAT THE SCOPE OF WORK WILL BE AS UNDER:

1. That used lube oil will be sold to second party under the supervision of representative of First Party.
2. That the representative of the First Party shall observe the loading of the vehicle when used lube oil is delivered to Second Party. In Such case Second Party representative will accompany the truck during the time it is lifted from the sites.
3. That the clearance of the paper such as gate pass will be provided by the First Party.
4. That at the disposal site, waste will be stored as per the categorization and adequately segregated. All precautions shall be taken to avoid spillage of any kind and leaching to the soil. The Second Party shall ensure that the people handling hazardous waste have adequate training and knowledge of type of hazardous waste being handled.
5. The Second Party shall ensure that the vehicle for transportation of hazardous is in perfect condition and the driver has valid driving license and other permission and necessary papers. The vehicle for transportation needs to be approved by State Pollution Control Board
6. That the Second Party will ensure that before loading all hazardous waste containers are labeled (as per form-8 of the rule).
7. That If any material is found to be taken out by Second Party without first party consent than First Party have the sole right to cancel the agreement with immediate effect..

THAT THE SECOND PARTY UNDERTAKES AS UNDER:

1. That the Second Party represents that they have the specialization to handle Hazardous Waste, used lube oil and permission under Applicable Rule i.e. Hazardous Waste (Management and Handling) Rules 1989 Amended 2016.
2. That the Second Party will ensure that the hazardous waste will be Loaded stored and copy of TERM card (as per Form-9 of the above mentioned Rule) be given. In case of any doubt, concern First Party's Officials may be asked for the clarification.
3. That the Second Party will produce consent from respective State Pollution Control Board (From -2) and the approval of the disposal site from Ministry of Environment & Forest.





4. That the First Party will receive the 7 copies of manifest from the Second Party as per Form 10 of the above mentioned rule.
- Copy-1 (White): Copy 1 will be forwarded to SPCB/PCC by first party.
 - Copy-2 (Yellow): Copy 2 will be retained by first Party.
 - Copy-3 (Pink): Copy 3 will be returned by the First Party to second party.
 - Copy-4 (Orange): Copy 4 will be given to the transporter after delivering of waste.
 - Copy-5 (Green): Copy 5 will be forwarded to Pollution Control Board after disposal.
 - Copy-6 (Blue): Copy 6 will be returned to First party after safe disposal.
 - Copy- 7(Grey) : copy 7 will be submitted in case of other state transaction
5. That the Second Party undertakes to indemnify and keep indemnified the First Party in case of any misuse, mishandling, pilferage or spill over of the hazardous waste by the Second Party, its employee, agents and / or any authorized person thereof resulting in any penalty, liability and damages under any rule, regulation, Acts, Notification imposed by the authority concerned.

THAT THE PAYMENTS TERMS WILL BE AS UNDER:

1. The respective rates for used lube oil, payable by Second Party shall be as follows:-

S. No	Description	UOM	Unit rates
1	Used Lube Oil (Without Water fill upto top)	Per Drum (With Drum)	Rs. 4500/- Per Drum (Inclusive of all Taxes & Duties with Drum)



- a. All taxes excise duties, sales taxes, wherever applicable is mentioned in net prices.
- b. All Payments to be made in advance through Cheque/ Pay Order Deposit.
- c. The transportation and any other cost required for used lube oil collection will be borne by Second Party.
- d. First Party reserves its right to review the rates of the used lube oil items on periodic basis at its own discretion.

[Handwritten signature]



THAT THE DURATION OF AGREEMENT WILL BE AS UNDER:

- This agreement shall be effective for a period of Two years and commenced from 1st June, 2021 to 31st May, 2023.

M/s Gurgaon Realtech Ltd	M/s Satyam Petro Chemical
	
<u>PARTICULARS OF SIGNATORY OF THE FIRST PART</u> Mr. Vijay Misra / Auth. Signatory	<u>PARTICULARS OF SIGNATORY OF THE SECOND PART</u> Mr. Yogesh Bhuria /Auth. Signatory

Annexure-IX
Photographs of DG Sets

Photographs of DG Sets



Annexure-X
Environmental Audit Report

MIXED USE DEVELOPMENT PROJECT

By M/s Tata Realty and Infrastructure Ltd.

at Sector-72, District- Gurugram, Haryana.

ENVIRONMENTAL AUDIT REPORT

[Period- July to September, 2021]

Date of Environment Audit

30 September 2021

Prepared by:



ASCENSO ENVIRO PVT. LTD.

D-79, 2ND FLOOR, SECTOR-6, NOIDA, UTTAR PRADESH-201301

WWW.ASCENSOENVIRO.COM; PHONE: 9958149985

1. Introduction

Tata Realty and Infrastructure Ltd. was developed a Mixed Use Development Project at Sector 72 Gurugram, Haryana. In order to identify the required environmental statutory compliance and understand environmental performance, the company has engaged Ascenso Enviro Pvt. Ltd. for conducting Environmental Audit for its Mixed Use Development Project.

2. Scope

As per the mandate of the assignment, the Mixed Use Development project located at Sector 72 Gurugram, Haryana, is to be audited twice through site visit in the perspective of legal compliance of environmental regulations, identifying the gaps against conditions imposed by the environmental statutory authorities and review of environmental parameters. This is the 2nd audit report prepared by the team in the year 2021.

3. Methodology

The mandate for coverage of the review at the project included assessment of environmental facilities, procedures and management practices with respect to legal compliance as well as good practices. The deliverable in this assessment is a report covering findings on significant environmental issues with special emphasis on the conditions of the Environmental Clearance granted to the project.

Step I - Finalizing the work plan

At the outset of the audit conducted on last week of September (30/09/2021), a detail discussion meeting was conducted between Mr. Vijay Mishra of Tata Realty & Infrastructure Ltd and Mr. Purushottam Kumar Sharma, Environmental Auditor, Ascenso Enviro Pvt Ltd to understand the project details. Having done that, the auditor went through detail verification of all the documents maintained towards compliance with environmental regulations.

Step II – Physical Verification of the Project Site and the Facilities Used

The auditor had physically visited the project site to verify the actual status of Project and the facilities installed at site. Information was collected through interaction with key official, verification of documents and records on environmental compliances. Compliance against current legislation as well as good practice was also examined during the site visit.

Step III– Identifying key issues and discussion with the project proponent.

The key issues that emerged during the review were discussed with the company representative at site and views were noted, which are actually assimilated in preparation of this report.

Step IV– Preparation of report and submission

In this report, the major environmental issues along with regulatory references wherever applicable and corrective action/recommendation have been reported.

4. Key Observations –

4.1 General Project Overview

4.1.1 General Environmental Setting of Project Site

The project site is located at Sector 72, District- Gurugram, Haryana. The Site is abutting 35m wide Sector road through wide service road.

The project site falls under Commercial development as per the Gurgaon-Manesar Master Plan.

4.1.2 Land Use

The total plot area of the project site is 31970.11 sq m (7.90 acres). The zoning plan for the project has been approved by the DTCP.

4.1.3 Project Approvals

Environmental Clearance

The project was accorded Environmental Clearance by the State Environment Impact Assessment Authority, Haryana vide letter no. SEIAA/HR/2018/713 dated 13/07/2018.

Consent to Establish

Consent for Establishment under the Water (Prevention and Control of Pollution) Act, 1974 and Air (Prevention and Control of Pollution) Act, 1981 for the project was obtained from Haryana State Pollution Control Board (HSPCB) vide letter no. HEPC/2017/970 dated 28/09/2017.

Consent to Operate

Consent for Operate under the Water (Prevention and Control of Pollution) Act, 1974 and Air (Prevention and Control of Pollution) Act, 1981 for Tower A & Tower B was obtained from Haryana State Pollution Control Board (HSPCB) vide letter no. HSPCB/Consent/29962320GUSOCTO7636129 dated 23/05/2020.

Hazardous waste Authorization

Hazardous waste Authorization for project was obtained from Haryana State Pollution Control Board (HSPCB) vide letter no HWM/GUSO/2020/7022058 dated 29/06/2020.

4.1.4 Project Salient Features [As proposed during EC approval]

The proposed total built up area is 32122.98 sq m. The salient features of the project are tabulated below –

Details of the Project		
1.	Year of Operation of project	17/09/2019
2.	Environmental Clearance	Vide No: SEIAA/HR/2018/713 Date of issue: 21-07-2018
3.	Plot Area	31970.11 sqm.(7.90 Acres)
4.	Built Up Area	174524 sqm
5.	Green Area	7993.08 sq.m (25%)
6.	Building Height	Tower A :- 52.95m, Tower B:- 61.35 m
7.	Requirement of Fresh Water	340 KLD
8.	Power Requirement	8871 KW DHBVN
9.	Parking Space	2110 ECS
10.	Source of Drinking Water	HUDA
11.	DG Set	3 Nos. (3x 2000 KVA)
12.	Stack height	30 m
13.	STP Capacity	735 KLD
14.	STP Technology	MBBR TECHNOLOGY
15.	RWH	12 Pits.

Status of Construction [as on 30 June 2021]

The project has completed construction of 2 towers out of 3. The Tower A has 3 basements+GF+11 Floor and Tower B has 3 basements+GF+13 Floor. The Construction of Tower C is not started at Project site. Occupancy Certificate and Consent to Operate have been obtained for Tower A & Tower B is valid upto 30/09/2024. The STP of capacity 735 KLD was found operational at the basement and fitted with online automatic monitoring system [connected to Haryana Pollution Control Board]. The Organic Waste Converter also found operational.

4.2 Resource Utilization**4.2.1 Water Recycling, Conservation and Rain Water Harvesting**

The water requirement for operation of project is being fulfilled through water supply from HUDA. Treated wastewater from STP is being utilized fully onsite for different purposes.

As on date, a total of twelve [12] rainwater harvesting pits have been installed.

4.2.2 Power

At present total 3 nos. of DG sets of capacity 2000 KVA each are used as project site as power back up during power cut.

Energy conservation measures adopted

- Energy conservation measures proposed as per ECBC guideline.
- Solar lights provided in the external lighting.
- CFL/LED used in basements and common areas.

Mixed Use Development Project by M/s. Tata Realty & Infrastructure Ltd.		Environmental Compliance Audit June 2021
---	--	---

4.3 Compliance with Stipulated Conditions of Environmental Clearance

Part A – Specific Conditions

I. Construction Phase

S. No.	Conditions of Environmental Clearance	Status of Compliance / Findings	Recommendation / Comments from Audit Team	Remarks from project proponent
1	“Consent for Establish” shall be obtained from Haryana Pollution Control Board under Air Act and Water Act and a copy shall be submitted to the SEIAA Haryana before the start of any construction work at site.	Consent to Establish was obtained from HSPCB vide letter no HEPC/2017/970 dated 28-09-2017. As on the date of audit, construction work completed for 2 towers. OC and CTO [valid upto 30/09/2024] obtained. Construction of Tower C has not yet started.	Nil	Nil
2	A first aid room as proposed in the project report will be provided both during construction and operation phase of the project.	First Aid room has been provided at the site.	Nil	Nil
3	Adequate drinking water and sanitary facilities should be provided for construction workers at site. Provision should be made for mobile toilets. Open defecation by the labours should be strictly prohibited. The safe disposal of waste water and solid wastes generated during the construction phase should be ensured.	Supply of domestic water is sourced from HUDA. No labour camp has been set up at the project site as Construction of Tower C is not started yet.	Nil	Nil
4	All the topsoil excavated during construction activities should be stored for use in horticulture/landscape development within the project site	Top soil generated from excavation work was transferred to the nearby nursery who in turn provided the top soil during landscaping work at the	Nil	Nil

S. No.	Conditions of Environmental Clearance	Status of Compliance / Findings	Recommendation / Comments from Audit Team	Remarks from project proponent
		project site.		
5	The project proponent shall ensure that the building material required during construction phase is properly stored within the project area and disposal of construction waste should not create any adverse effect on the neighbouring communities and should be disposed of after taking necessary precautions for general safety and health aspects of people, only in approved sites with the approval of competent authority.	This condition had already been complied during construction phase of existing project. The same will be followed during construction phase of Tower C.	Nil	Nil
6	Construction spoils, including bituminous material and other hazardous materials, must not be allowed to contaminate watercourses and the dump sites for such material must be secured so that they should not leach into the ground water and any hazardous waste generated during construction phase, should be disposed off as per applicable rules and norms with necessary approval of the Haryana State Pollution Control Board.	The condition has been complied with.	Nil	Nil
7	The diesel generator sets to be used during construction phase should be of ultra-low sulphur diesel type and should conform to Environment (Protection) Rules prescribed for air and noise emission standards.	Diesel which is available from the nearest Fuel Supply Station was used to run the DG Sets.	Nil	Nil

S. No.	Conditions of Environmental Clearance	Status of Compliance / Findings	Recommendation / Comments from Audit Team	Remarks from project proponent
8	The diesel required for operating DG sets shall be stored in underground tanks and if required, clearance from Chief Controller of Explosives shall be taken.	The diesel was found stored in underground tank of capacity 50 KL with permission obtained from PESO.	Nil	Nil
9	Ambient noise levels shall conform to the 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 taken to reduce ambient air and noise level during construction phase, so as to conform to the stipulated residential standards of CPCB/ MoEF.	At present, major noise generating activities have been completed till construction of Tower C starts. Since beginning of the project, regular monitoring has been carried out and found in compliance with standards. Adequate measures were taken like water sprinkling, installation of anti-smoke gun etc.	Nil	Nil
10	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 condition will be complied. Fly ash has been used as design mix for premixed concrete during construction of Tower C.	Nil	Nil
11	Storm water control and its re-use as per CGWB and BIS standards for various applications should be ensured.	The condition has been complied with. As of now, 12 nos. of rain water harvesting pits have been installed within the project area for recharging the ground aquifer.	Nil	Nil
12	Water demand during construction should be reduced by use of pre-mixed concrete, curing	To conserve water, pre-mixed concrete, curing agents were used.	Nil	Nil

S. No.	Conditions of Environmental Clearance	Status of Compliance / Findings	Recommendation / Comments from Audit Team	Remarks from project proponent
	agents and other best practices.			
13	In view of the severe constrains in water supply augmentation in the region and sustainability of water resources, the developer will submit the NOC from the CGWA specifying water extraction quantities and assurance from HUDA/utility provider indicating source of water supply and quantity of water with details of intended use of water – potable and non-potable. Assurance is required for both construction and operation stages separately. It shall be submitted to the SEIAA and RO, MoEF&CC, Chandigarh before the start of construction.	No onsite ground water abstraction done. As planned, the semi treated water from nearby STP was taken & used for construction. Now, at the operational phase of Tower A & B, water supply from HUDA is taken.	Nil	Nil
14	Roof must meet prescribed requirement as per Energy Conservation Building Code by using appropriate thermal insulation materials.	The condition has been complied with.	Nil	Nil
15	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 desirable for non-air-conditioned spaces by use of appropriate thermal insulation material to fulfill requirement	The condition has been complied with.	Nil	Nil
16	The approval of the competent authority shall	Structures have been designed as per	Nil	Nil

S. No.	Conditions of Environmental Clearance	Status of Compliance / Findings	Recommendation / Comments from Audit Team	Remarks from project proponent
	be obtained for structural safety of the building on account of earthquake, adequacy of firefighting equipment etc. as per National Building Code including protection measures from lighting etc.	the NBC for earthquake as per seismic zone IV, Fire Fighting equipment are designed as per NBC. Structural safety Certificate has been taken.		
17	Overexploited groundwater and impending severe shortage of water supply in the region requires the developer to redraw the water and energy conservation plan. Developer shall reduce the overall footprint of the proposed development. Project proponent shall incorporate water efficiency/saving measures as well as water reuse/recycling within 3 months and before start of construction to the SEIAA, Haryana and RO, MoEF, Gol, Chandigarh.	To reduce the overall footprint, energy conservation measures have been adopted. Low power consuming lighting have been provided. To minimize water consumption, onsite STP treated water is reused in flushing and gardening purposes. Obtained IGBC certificate.	Nil	Nil
18	The Project Proponent as stated in proposal shall construct 12 nos. rain water harvesting pits under expansion for recharging the ground water within the project premises. Rain water harvesting pits shall be designed to make provisions for silting chamber and removal of floating matter before entering harvesting pit. Maintenance budget and persons responsible for maintenance must be provided. Care shall also be taken that contaminated water do not	The condition has been complied with.	Nil	Nil

S. No.	Conditions of Environmental Clearance	Status of Compliance / Findings	Recommendation / Comments from Audit Team	Remarks from project proponent
	enter any RWH pit.			
19	The project proponent shall provide for adequate fire safety measures and equipment as required by Haryana Fire Service Act. 2009 and instructions issued by the local Authority/Directorate of fire from time to time. Further the project proponent shall take necessary permission regarding fire safety scheme/NOC from competent Authority as required.	Adequate fire safety measures have been provided in the project in line with NBC requirements. Approval has been obtained from Fire Service Department. Project site is provided with portable fire extinguishers (mechanical foam, ABC type, CO ₂ type and sand bucket in different capacities.	Nil	Nil
20	The Project Proponent shall obtain assurance from the DHBVN for total supply of 1397 KW of power supply before the start of construction. In no case project will be operational solely on generators without any power supply from any external power utility.	As the project is in operational phase, connection from DHBVN is now obtained.	Nil	Nil
21	Detail calculation of power load and ultimate power load of the project shall be submitted to DHBVN under intimation to SEIAA Haryana before the start of construction. Provisions shall be made for electrical infrastructure in the project area.	The condition has been complied.	Nil	Nil
22	The Project Proponent shall not raise any construction in the natural land depression /	No Nallah / Water course exists inside the project area.	Nil	Nil

S. No.	Conditions of Environmental Clearance	Status of Compliance / Findings	Recommendation / Comments from Audit Team	Remarks from project proponent
	Nallah/water course and shall ensure that the natural flow from the Nallah/water course is not obstructed.			
23	The project proponent shall keep the plinth level of the building blocks sufficiently above the level of the approach road to the project. Levels of the other areas in the project shall also be kept suitably so as to avoid flooding.	The condition has been complied.	Nil	Nil
24	Construction shall be carried out so that density of population does not exceed norms approved by Director General Town and Country Department Haryana.	The density of the population will not exceed the norms approved by Director General, Town and Country Planning Department, Haryana.	Nil	Nil
25	The Project Proponent shall submit an affidavit with the declaration that ground water will not be used for construction and only treated water should be used for construction.	STP treated water from HUDA was used for construction.	Nil	Nil
26	The project proponent shall not cut any existing tree and project landscaping plan should be modified to include those trees in green area.	No tree was cut as directed.	Nil	Nil
27	The project proponent shall ensure that ECBC norms for composite climate zone are met. In particular building envelope, HVAC service, water heating, pumping, lighting and electrical infrastructure must meet ECBC norms	The condition has been complied.	Nil	Nil

S. No.	Conditions of Environmental Clearance	Status of Compliance / Findings	Recommendation / Comments from Audit Team	Remarks from project proponent
28	The project proponent shall provide 3m high barricade around the project area, dust screen for every floor above the ground, proper sprinkling and covering of stored material to restrict dust and air pollution during construction.	The condition has been complied.	Nil	Nil
29	The project proponent shall construct a sedimentation basin in the lower level of the project site to trap pollutant and other wastes during rains.	The condition has been complied.	Nil	Nil
30	The project proponent shall provide proper rasta of proper width and proper strength for the project before the start of construction.	The project site is accessible from the existing 35 m wide sector road.	Nil	Nil
31	The project proponent shall ensure that the U - value of the glass is less than 3.177 and maximum solar heat gain co-efficient is 0.25 for vertical fenestration.	The condition has been complied.	Nil	Nil
32	The project proponent shall adequately control construction dusts like silica dust, non-silica dust, wood dust. Such dusts shall not spread outside project premises. Project Proponent shall provide respiratory protective equipment to all construction workers.	The condition has been complied.	Nil	Nil
33	The project proponent shall provide fire control	The condition has been complied.	Nil	Nil

S. No.	Conditions of Environmental Clearance	Status of Compliance / Findings	Recommendation / Comments from Audit Team	Remarks from project proponent
	room and fire officer for building above 30 meter as per National Building Code.			
34	The project proponent shall obtain permission of Mines and Geology Department for excavation of soil before the start of construction.	The condition has been complied for the already constructed part.	Nil	Nil
35	The project proponent shall provide one refuge area till 24 meter and one till 39 meter each as per National Building Code. The project proponent shall not convert any refuse area in the habitable space and it should not be sold out/commercialized.	The condition has been complied.	Nil	Nil
36	The project proponent shall seek specific prior approval from concerned local Authority/HUDA regarding provision of storm drainage and sewerage system including their integration with external services of HUDA/Local authorities beside other required services before taking up any construction activity.	Storm water and sewerage connection have been obtained from HUDA.	Nil	Nil
37	The project proponent shall discharge excess of treated waste water/storm water in the public drainage system and shall seek permission of HUDA before the start of construction	The condition has been complied.	Nil	Nil
38	The project proponent shall maintain the	Proper distance between STP and	Nil	Nil

S. No.	Conditions of Environmental Clearance	Status of Compliance / Findings	Recommendation / Comments from Audit Team	Remarks from project proponent
	distance between STP and water supply line.	water supply line has been maintained.		
39	The project proponent shall ensure that the stack height is 6 meter more than the highest tower.	The DG sets have been provided with adequate height of stack as per the norms.	Nil	Nil
40	The project proponent shall ensure that structural stability to withstand earthquake of magnitude 8.5 on Richter scale.	The condition has been complied. Structure Stability certificate has been taken.	Nil	Nil
41	Vertical fenestration shall not exceed 60% of total wall area.	The condition has been complied.	Nil	Nil

II. Operation Phase

S. No.	Conditions of Environmental Clearance	Status of Compliance	Recommendation/ Comments from Audit Team	Remarks from project proponent
a.	"Consent to Operate" shall be obtained from Haryana Pollution Control Board under Air and Water Act and a copy shall be submitted to the SEIAA, Haryana.	Consent to operate has been obtained for 2 towers valid upto 30/09/2024.	Copy of CTO to be provided.	Copy of CTO provided.
b.	The Sewage Treatment Plant (STP) shall be installed for the treatment of the sewage generated to the prescribed standards including odour and treated effluent will be recycled to achieve zero exit discharge. The installation of	One STP of 735 KLD has been installed and put operational at the basement. The same has not been certified by an independent expert as imposed in the condition. It is provided with automatic online monitoring system as directed by	The adequacy of the STP has been checked by the independent expert. And it is found that capacity of STP is	Adequacy certificate will be obtained

S. No.	Conditions of Environmental Clearance	Status of Compliance	Recommendation/ Comments from Audit Team	Remarks from project proponent
	<p>STP shall be certified by an independent expert and a report in this regard shall be submitted to the SEIAA, Haryana before the project is commissioned for operation. Tertiary treatment of wastewater is mandatory. The project proponent shall remove not only ortho phosphorus but also total phosphorus to the extent less than 2mg/lit. Similarly, total nitrogen level shall be less than 2 mg/lit in tertiary treated wastewater. Discharge of treated sewage shall conform to the norms and standards of CPCB/HSPCB, whichever is environmentally better. The project proponent shall implement such STP technology which does not require filter backwash.</p>	<p>HSPCB and complying with permissible standard for discharge. So far, no non-compliance has been reported. STP adequacy report for STP will be prepared through independent expert and the same shall be submitted to the SEIAA.</p>	<p>adequate for treatment of sewage generation during Operation phase of the project.</p>	
c.	<p>Separation of grey and black water should be done by the use of dual plumbing line. Treatment of 100% grey water by decentralized treatment should be done ensuring that the re-circulated water should have BOD level less than 5 mg/lit and the recycled water will be used for flushing, gardening and HVAC makeup and DG set cooling etc. to achieve zero discharge.</p>	<p>Complied. Dual plumbing system has been provided in the project.</p>	<p>Nil</p>	<p>Nil</p>
d.	<p>For disinfections of the treated wastewater</p>	<p>UV radiation is used</p>	<p>Nil</p>	<p>Nil</p>

S. No.	Conditions of Environmental Clearance	Status of Compliance	Recommendation/ Comments from Audit Team	Remarks from project proponent
	ultra-violate radiation or ozonisation should be used.			
e.	Diesel power generating sets proposed as source of backup power for lifts, common area illumination and for domestic use should be of enclosed type and conform to rules made under the Environment (Protection) Act, 1986. The location of the DG sets shall be in the open as promised by the project proponent with appropriate stack height above the highest roof level of the project as per the CPCB norms. The diesel used for DG sets shall be ultra-low sulphur diesel (35 ppm sulphur), instead of low sulphur diesel.	As per approved building plan and NOC from Fire Department, DG has been installed in the open area of ground level. The DG sets have been provided with adequate height of stack as per the norms.	Nil	Nil
f.	Ambient Noise level should be controlled to ensure that it does not exceed the prescribed standards both within and at the boundary of the Proposed "mixed use development project".	Complied.	Nil	Nil
g.	The project proponent as stated in the proposal should maintain at least 25% as green cover area for tree plantation especially all around the periphery of the project and on the road sides preferably with local species so as to provide protection against noise and suspended	Complied. Landscaping and plantation has been done in project area.	Nil	Nil

S. No.	Conditions of Environmental Clearance	Status of Compliance	Recommendation/ Comments from Audit Team	Remarks from project proponent
	particulate matter. The open spaces inside the project should be preferably landscaped and covered with vegetation/grass, herbs & shrubs. Only locally available plant species shall be used.			
h.	The project proponent shall strive to minimize water in irrigation of landscape by minimizing grass area, using native variety, xeriscaping and mulching, utilizing efficient irrigation system, scheduling irrigation only after checking evapo-transpiration data.	Some steps have been taken to minimize water consumption.	Nil	Nil
i	Rain water harvesting for roof run-off and surface run-off, as per plan submitted should be implemented. Before recharging the surface run off, pre- treatment through sedimentation tanks must be done to remove suspended matter, oil and grease. The bore well for rainwater recharging shall be kept at least 5 m above the highest ground water table. Care shall be taken that contaminated water do not enter any RWH pit. The project proponent shall avoid Rain Water Harvesting of first 10 minutes of rain fall. Roof top of the building shall be without any toxic material or paint which can contaminate rain water. Wire mess and filters	As of now, 12 RWH pits have been constructed and all have been put under operation.	Nil	Nil

S. No.	Conditions of Environmental Clearance	Status of Compliance	Recommendation/ Comments from Audit Team	Remarks from project proponent
	should be used wherever required.			
j.	The ground water level and its quality should be monitored regularly in consultation with Central Ground Water Authority.	As there is no abstraction of groundwater, the condition is not applicable for this project.	Nil	Nil
k.	A report on the energy conservation measures conforming to energy conservation norms finalized by Bureau of Energy Efficiency should be prepared incorporating details about building materials and technology, R & U Factors etc. and submit to the IA Division of Environment Department, Haryana in three months' time.	The Report has not been prepared and submitted to concern department. So far, non-compliance has been reported.	The Energy Conservation measures report as per Bureau of Energy Efficiency needs to be prepared.	Energy Audit will be conducted in next quarter.
l.	Energy conservation measures like installation of LED only for lighting the areas outside the building and inside the building should be integral part of the project design and should be in place before project commissioning. Use of solar panels must be adapted to the maximum energy conservation.	Complied. LED lighting has been provided.	Nil	Nil
m	The Project Proponent shall use zero ozone depleting potential material in insulation, refrigeration, air-conditioning and adhesive. Project Proponent shall also provide Halon free fire suppression system.	The condition has been complied.	Nil	Nil

S. No.	Conditions of Environmental Clearance	Status of Compliance	Recommendation/ Comments from Audit Team	Remarks from project proponent
n.	The solid waste generated should be properly collected and segregated as per the requirement of the MSW Rules 2000 and as amended from time to time. The bio-degradable should be treated by appropriate technology at the site ear-marked within the project area and dry/inert solid waste should be disposed off to the approved site for land filling after recovering recyclable materials.	As of now, Solid waste generated at project site is disposed as per Solid Waste Management Rules, 2016. The Non-Biodegradable wastes are collected separately in segregated manner and disposed through municipal Corporation. Bio-Degradable waste is disposed off through Organic waste converter installed at project site.	Nil	Nil
o.	The provision of the solar water heating system shall be as per the norms specified by HAREDA and shall be made operational in each building block	The condition has not been complied and non-compliance reported for this condition.	It is not required at this stage of the project.	Solar water heater is not required.
p.	The traffic plan and the parking plan proposed by the PP should be adhered to meticulously with further scope of additional parking for future requirement. There should be no traffic congestion near the entry and exit points from the roads adjoining the proposed project site. Parking should be fully internalized and no public space should be utilized.	Complied. Parking plan has been implemented as per approved design.	Nil	Nil
q.	The Project shall be operationalized only when HUDA/local authority will provide domestic water supply system in the area.	Complied. Permission from HUDA regarding drinking water supply has been obtained.	Nil	Nil

S. No.	Conditions of Environmental Clearance	Status of Compliance	Recommendation/ Comments from Audit Team	Remarks from project proponent
r.	Operation and maintenance of STP, solid waste management and electrical Infrastructure, pollution control measures shall be ensured even after the completion of project.	Complied. Day to day operation and maintenance of the completed part is presently handled by one Facility Service Company.	Nil	Nil
s.	Different type of wastes should be disposed of as per provisions of municipal solid waste, biomedical waste, hazardous waste, e-waste, batteries & plastic rules made under Environment Protection Act, 1986. Particularly E-waste and Battery waste shall be disposed of as per existing E-waste Management Rules 2011 and Batteries Management Rules 2001. The project proponent should maintain a collection center for E-waste and it shall be disposed of to only registered and authorized dismantler / recycler.	Complied. Agreement has been made with agencies for disposal of used oil [hazardous waste] and other wastes like E waste, battery waste, plastic wastes etc. Solid waste generated within the premises will be properly collected, segregated and managed as per Solid waste Management Rules, 2016. Biodegradable wastes disposed off at site through Organic waste Converter (OWC). Non-biodegradable/ recyclable wastes will be sold to authorized vendors/recyclers.	Nil	Nil
t	Standards for discharge of environmental pollutants as enshrined in various schedules of rule 3 of Environment Protection Rule 1986 shall be strictly complied with.	Being complied. Regular monitoring is being done through recognized lab.	Nil	Nil
u	The project proponent shall make provision for guard pond and other provisions for safety against failure in the operation of wastewater treatment facilities. The project proponent shall	Being complied	Nil	Nil

S. No.	Conditions of Environmental Clearance	Status of Compliance	Recommendation/ Comments from Audit Team	Remarks from project proponent
	also identify acceptable outfall for treated effluent.			
v.	The project proponent shall ensure that the of DG sets is more than the highest tower and also ensure that the emission standards of noise and air are within the CPCB latest prescribed limits. Noise and Emission level of DG sets greater than 800 KV A shall be as per CPCB latest standards for high capacity DG sets.	The DG sets have been provided with adequate height of stack as per the norms.	Nil	Nil
w.	All electric supply exceeding 100 amp, 3 phase shall maintain the power factor between 0.98 lag to 1 at the point of connection.	Complied.	Nil	Nil
x.	The project proponent shall minimize heat island effect through shading and reflective or pervious surface instead of hard surface.	Shading has been used to increase cooling effects in the project building. Energy efficient and environmental friendly measures have been incorporated in building design in order to control heat island effect.	Nil	Nil
y.	The project proponent shall not use fresh water for HVAC and DG cooling. Air based HVAC system should be adopted and only treated water shall be used by project proponent for cooling, if it is at all needed. The Project Proponent shall also use evaporative cooling technology and double stage cooling system for	Complied. Treated water use for HVAC and DG Cooling.	Nil	Nil

S. No.	Conditions of Environmental Clearance	Status of Compliance	Recommendation/ Comments from Audit Team	Remarks from project proponent
	<p>HVAC in order to reduce water consumption. Further temperature, relative humidity during summer and winter seasons should be kept at optimal level. Variable speed drive, best Co-efficient of Performance (Cop), as well as optimal Integrated Point Load Value and minimum outside fresh air supply may be resorted for conservation of power and water. Coil type Cooling DG Sets shall be used for saving cooling water consumption for water cooled DG Sets.</p>			
z.	<p>The project proponent shall ensure that the transformer is constructed with high quality grain oriented, low loss silicon steel and virgin electrolyte grade copper. The project proponent shall obtain manufacturer's certificate also for that.</p>	Complied.	Nil	Nil
aa.	<p>Water supply shall be metered among different users and different utilities.</p>	<p>Water meter has been installed at the fresh water intake point, STP inlet and outlet point. Individual meter for different users and different utilities have been installed. As communicated by the project proponent, plumbing has been done as per approved design and individual meter for different purposes also</p>	Nil	<p>At Project Site, water connection is provided by govt. authority i.e. GMDA through digital water meter. In pump room, we had made arrangement of separate water meters for different purposes.</p>

S. No.	Conditions of Environmental Clearance	Status of Compliance	Recommendation/ Comments from Audit Team	Remarks from project proponent
		provided in pump room.		
ab.	The project proponent shall ensure that exit velocity from the stack should be sufficiently high. Stack shall be designed in such a way that there is no stack down-wash under any meteorological conditions.	Complied.	Nil	Nil
ac.	The project proponent shall provide water sprinkling system in the project area to suppress the dust in addition to the already suggested mitigation measures in the Air Environment Chapter of EMP.	The condition has been complied.	Nil	Nil
ad.	The project proponent shall provide additional green area on terrace and roof top.	Complied.	Nil	Nil
ae.	The project proponent shall ensure proper Air Ventilation and light system in the basements area for comfortable living of human being and shall ensure that number of Air Changes per hour/(ACH) in basement never falls below 15. In case of emergency capacity for increasing ACH to the extent of 30 must be provided by the project proponent.	Complied.	Nil	Nil
af.	The project proponent shall install solar panel for energy conservation.	Solar Panel installed at both Tower and approx. 137 KW solar power generate with these solar panel	Nil	Nil

Part B – General Conditions

S. No.	Conditions of Environmental Clearance	Status of Compliance	Recommendation from Audit Team	Remarks from project proponent
i	The Project Proponent shall ensure the commitments made in Form 1, Form 1A, EIA/EMP and other documents submitted to the SEIAA for the protection of environment and proposed environmental safeguards are complied with in letter and spirit. In case of contradiction between two or more documents on any point, the most environmentally friendly commitment on the point shall be taken as commitment by project proponent.	The commitments made regarding environmental safeguards are being implemented.	Nil	Nil
ii	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 bye-mail) to the northern Regional Office of MoEF, the respective Zonal Office of CPCB, HSPCB and SEIAA Haryana.	Six monthly compliance reports are being submitted on regular basis. Next report is due in December 2021	Nil	Nil
iii	STP outlet after stabilization and stack emission shall be monitored monthly. Other environmental parameters and green belt shall be monitored on quarterly basis. After every 3 (three) months, the project proponent shall conduct environmental audit and shall take corrective measure, if required, without delay.	STP installed at project site is provided with online monitoring system as directed by HSPCB. Ambient air, ambient noise and soil quality are monitored regularly through external NABL accredited laboratory.	Nil	Nil
iv	The SEIAA, Haryana reserves the right to add	As of now, no additional measures have	Nil	Nil

S. No.	Conditions of Environmental Clearance	Status of Compliance	Recommendation from Audit Team	Remarks from project proponent
	additional safeguard measures subsequently, if found necessary. Environmental Clearance granted will be revoked if it is found that false information has been given for getting approval of this project. SEIAA reserves the right to revoke the clearance if conditions stipulated are not implemented to the satisfaction of SEIAA/MoEF.	been suggested by the SEIAA.		
v	The Project proponent shall not violate any judicial orders/pronouncements issued by any Court/Tribunal.	As of now, no judicial orders have been issued.	Nil	Nil
vi	All other statutory clearances such as the approvals for storage of diesel from Chief Controller of Explosives, Fire Department, Civil Aviation Department, Forest Conservation Act, 1980 and Wildlife (Protection) Act, 1972, PLPA, 1900, Forest Act 1927 etc. shall be obtained, as applicable by project proponents from the respective authorities prior to construction of the project.	Approval obtained for firefighting scheme. NOC regarding Aravali Notification obtained.	The conditions, if any imposed by the concerned authorities should be complied with.	Nil
vii	The Project proponent should inform the public that the project has been accorded Environment Clearance by the SEIAA and copies of the clearance letter are available with the Haryana State Pollution Control Board &	The advertisement already made in the newspaper as directed and the condition has been complied. Copy of the advertisement was submitted with the compliance report to SEIAA in December 2018.	Nil	Nil

S. No.	Conditions of Environmental Clearance	Status of Compliance	Recommendation from Audit Team	Remarks from project proponent
	SEIAA. This should be advertised within 7 days from the date of issue of the clearance letter at least in two local newspapers that are widely circulated in the region and the copy of the same should be forwarded to SEIAA Haryana. A copy of Environment Clearance conditions shall also be put on project proponent's web site for public awareness.	Uploading of the EC has been done on the website.		
viii	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 before obtaining prior Environmental Clearance.	Complied.	Nil	Nil
ix	Any appeal against this Environmental Clearance shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.	No appeal has been made.	Nil	Nil
x	Corporate Environment and Social Responsibility (CSER) shall be laid down by the project proponent (2% shall be earmarked) as per guidelines of MoEF, GoI Office Memorandum No. J-11013/41/2006-IA.II(I) dated 18.05.2012 and Ministry of Corporate	An amount of Rs.1.60 Crores has been spent under CSER to development of Badshapur drain near Primanti Project and beautification of green corridor.		

S. No.	Conditions of Environmental Clearance	Status of Compliance	Recommendation from Audit Team	Remarks from project proponent
	Affairs, GoI Notification Dated 27.02.2014. A separate audit statement shall be submitted in the compliance. Environment related work proposed to be executed under this responsibility shall be undertaken simultaneously. The project proponent shall select and prepare the list of the work for implementation of CSER of its own choice and shall submit the same before the start of construction.			
xi	The fund ear-marked for environment protection measures should be kept in separate account and should not be diverted for other purposes and year wise expenditure shall be reported to the SEIAA/RO/MOEF GoI under rules prescribed for Environment Audit.	Complied.	Nil	Nil
xii	The project proponent shall ensure the compliance of Forest Department, Haryana Notification no. S.O.121/PA2/1900/S.4/97 dated 28/11/1997.	Complied.	Nil	Nil
xiii	The Project Proponent shall ensure that no vehicle during construction/operation phase enter the project premises without valid 'Pollution Under Control' certificate from competent Authority	Complied.	Nil	Nil

S. No.	Conditions of Environmental Clearance	Status of Compliance	Recommendation from Audit Team	Remarks from project proponent
xiv	Besides the developer/applicant, the responsibility to ensure the compliance of Environmental Safeguards conditions imposed in the environmental Clearance letter shall also lie on the licensee/licenses in whose name/names the license CLU has been granted by the Town & Country Planning Department, Haryana.	In this case, the project proponent is one among the five licensee.	Nil	Nil
xv	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 PM _{2.5} , PM ₁₀ , SO _x , NO _x , Ozone, Lead, CO, Benzene, Ammonia, Benzopyrine, arsenic and Nickel. (Ambient levels as well as stack emissions) or critical sectoral parameters, indicated for the project shall be monitored and displayed at a convenient location near main gate of the company in the public domain.	Uploading of the compliance report including monitored data have been done on the website. The display of monitored parameters is provided near main gate of the company in the public domain.	Nil	Nil
xvi	The environmental statement for each financial year ending 31 at March in Form Vas is	The environmental statement has been submitted every year.	Nil	Nil

S. No.	Conditions of Environmental Clearance	Status of Compliance	Recommendation from Audit Team	Remarks from project proponent
	mandated to be submitted by the project proponent to the HSPCB Panchkula 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 the EC conditions and shall also be sent to the respective Regional Offices of MoEF bye-mail.			
xvii	The project proponent shall conduct environment audit at every three months' interval and thereafter corrected measures shall be taken without any delay. Details of environmental audit and corrective measures shall be submitted in the monitoring report.	Environmental Audits are being conducted periodically.	Nil	Nil
xviii	The project proponent shall seek fresh environmental clearance in case any modification /revision is required at a later stage due to exchange of revenue rasta existing in the project area or change in any plan due to combined zoning plan.	As on date, no new modification noted at project site.	Nil	Nil
xix	The validity of this environmental clearance letter is valid up to 7 years from the date of issuance of EC letter. The environmental clearance conditions applicable till life space	Complied.	Nil	Nil

S. No.	Conditions of Environmental Clearance	Status of Compliance	Recommendation from Audit Team	Remarks from project proponent
	project in case of Residential project will continue to apply. The resident welfare association/Housing co-operative societies shall responsible to comply conditions laid down in EC. In case of violation the action would be taken as per the laid down law of land. Compliance report should be sent to this office till life of the project.			
xx	If project is not completed within the validity period then the project proponent shall submit the application for extension of validity within one month before the lapse of validity period of Environmental clearance.	Complied.	Nil	Nil

4.4 Identifications of Gaps

4.4.1 Non-compliance with respect to environmental laws –

1. The Energy Audit Report has not been prepared and submitted to concern department- Energy Audit will be conducted in next quarter.

2. Overall Findings

This audit has been conducted according to the requirement as per the condition imposed in the Environmental Clearance issued by the SEIAA, Haryana. The audit was conducted with involvement of the official of the Tata Realty & Infrastructure Ltd.

Overall compliance of the EC conditions at the project site is in compliance status with few observations. As said by the official, water sprinkling is regularly carried out to suppress dust emissions.

3. Closing Remarks

Immediate action on the points observed during the audit need to be taken and reported so that all the observations observed can be closed. Status of the same will be reviewed in the next audit report.

MIXED USE DEVELOPMENT PROJECT

Of Tata Realty and Infrastructure Ltd.

at Sector-72, District- Gurugram, Haryana.

ENVIRONMENTAL AUDIT REPORT

[Period- April to June, 2021]

Date of Environment Audit

30 June 2021

Prepared by:



ASCENSO ENVIRO PVT. LTD.

D-79, 2ND FLOOR, SECTOR-6, NOIDA, UTTAR PRADESH-201301

WWW.ASCENSOENVIRO.COM; PHONE: 9958149985

1. Introduction

Tata Realty and Infrastructure Ltd. was developed a Mixed Use Development Project at Sector 72 Gurugram, Haryana. In order to identify the required environmental statutory compliance and understand environmental performance, the company has engaged Ascenso Enviro Pvt. Ltd. for conducting Environmental Audit for its Mixed Use Development Project.

2. Scope

As per the mandate of the assignment, the Mixed Use Development project located at Sector 72 Gurugram, Haryana, is to be audited twice through site visit in the perspective of legal compliance of environmental regulations, identifying the gaps against conditions imposed by the environmental statutory authorities and review of environmental parameters. This is the 2nd audit report prepared by the team in the year 2021.

3. Methodology

The mandate for coverage of the review at the project included assessment of environmental facilities, procedures and management practices with respect to legal compliance as well as good practices. The deliverable in this assessment is a report covering findings on significant environmental issues with special emphasis on the conditions of the Environmental Clearance granted to the project.

Step I - Finalizing the work plan

At the outset of the audit conducted on last week of June (30/06/2021), a detail discussion meeting was conducted between Mr. Vijay Mishra of Tata Realty & Infrastructure Ltd and Mr. Purushottam Kumar Sharma, Environmental Auditor, Ascenso Enviro Pvt Ltd to understand the project details. Having done that, the auditor went through detail verification of all the documents maintained towards compliance with environmental regulations.

Step II – Physical Verification of the Project Site and the Facilities Used

The auditor had physically visited the project site to verify the actual status of Project and the facilities installed at site. Information was collected through interaction with key official, verification of documents and records on environmental compliances. Compliance against current legislation as well as good practice was also examined during the site visit.

Step III– Identifying key issues and discussion with the project proponent.

The key issues that emerged during the review were discussed with the company representative at site and views were noted, which are actually assimilated in preparation of this report.

Step IV– Preparation of report and submission

In this report, the major environmental issues along with regulatory references wherever applicable and corrective action/recommendation have been reported.

4. Key Observations –

4.1 General Project Overview

4.1.1 General Environmental Setting of Project Site

The project site is located at Sector 72, District- Gurugram, Haryana. The Site is abutting 35m wide Sector road through wide service road.

The project site falls under Commercial development as per the Gurgaon-Manesar Master Plan.

4.1.2 Land Use

The total plot area of the project site is 31970.11 sq m (7.90 acres). The zoning plan for the project has been approved by the DTCP.

4.1.3 Project Approvals

Environmental Clearance

The project was accorded Environmental Clearance by the State Environment Impact Assessment Authority, Haryana vide letter no. SEIAA/HR/2018/713 dated 13/07/2018.

Consent to Establish

Consent for Establishment under the Water (Prevention and Control of Pollution) Act, 1974 and Air (Prevention and Control of Pollution) Act, 1981 for the project was obtained from Haryana State Pollution Control Board (HSPCB) vide letter no. HEPC/2017/970 dated 28/09/2017.

Consent to Operate

Consent for Operate under the Water (Prevention and Control of Pollution) Act, 1974 and Air (Prevention and Control of Pollution) Act, 1981 for Tower A & Tower B was obtained from Haryana State Pollution Control Board (HSPCB) vide letter no. HSPCB/Consent/29962320GUSOCTO7636129 dated 23/05/2020.

Hazardous waste Authorization

Hazardous waste Authorization for project was obtained from Haryana State Pollution Control Board (HSPCB) vide letter no HWM/GUSO/2020/7022058 dated 29/06/2020.

4.1.4 Project Salient Features [As proposed during EC approval]

The proposed total built up area is 32122.98 sq m. The salient features of the project are tabulated below –

Details of the Project		
1.	Year of Operation of project	17/09/2019
2.	Environmental Clearance	Vide No: SEIAA/HR/2018/713 Date of issue: 21-07-2018
3.	Plot Area	31970.11 sqm.(7.90 Acres)
4.	Built Up Area	174524 sqm
5.	Green Area	7993.08 sq.m (25%)
6.	Building Height	Tower A :- 52.95m, Tower B:- 61.35 m
7.	Requirement of Fresh Water	340 KLD
8.	Power Requirement	8871 KW DHBVN
9.	Parking Space	2110 ECS
10.	Source of Drinking Water	HUDA
11.	DG Set	3 Nos. (3x 2000 KVA)
12.	Stack height	30 m
13.	STP Capacity	735 KLD
14.	STP Technology	MBBR TECHNOLOGY
15.	RWH	12 Pits.

Status of Construction [as on 30 June 2021]

The project has completed construction of 2 towers out of 3. The Tower A has 3 basements+GF+11 Floor and Tower B has 3 basements+GF+13 Floor. The Construction of Tower C is not started at Project site. Occupancy Certificate and Consent to Operate have been obtained for Tower A & Tower B is valid upto 30/09/2024. The STP of capacity 735 KLD was found operational at the basement and fitted with online automatic monitoring system [connected to Haryana Pollution Control Board]. The Organic Waste Converter also found operational.

4.2 Resource Utilization**4.2.1 Water Recycling, Conservation and Rain Water Harvesting**

The water requirement for operation of project is being fulfilled through water supply from HUDA. Treated wastewater from STP is being utilized fully onsite for different purposes.

As on date, a total of twelve [12] rainwater harvesting pits have been installed.

4.2.2 Power

At present total 3 nos. of DG sets of capacity 2000 KVA each are used as project site as power back up during power cut.

Energy conservation measures adopted

- Energy conservation measures proposed as per ECBC guideline.
- Solar lights provided in the external lighting.
- CFL/LED used in basements and common areas.

Mixed Use Development Project by M/s. Tata Realty & Infrastructure Ltd.		Environmental Compliance Audit June 2021
---	--	---

4.3 Compliance with Stipulated Conditions of Environmental Clearance

Part A – Specific Conditions

I. Construction Phase

S. No.	Conditions of Environmental Clearance	Status of Compliance / Findings	Recommendation / Comments from Audit Team	Remarks from project proponent
1	“Consent for Establish” shall be obtained from Haryana Pollution Control Board under Air Act and Water Act and a copy shall be submitted to the SEIAA Haryana before the start of any construction work at site.	Consent to Establish was obtained from HSPCB vide letter no HEPC/2017/970 dated 28-09-2017. As on the date of audit, construction work completed for 2 towers. OC and CTO [valid upto 30/09/2024] obtained. Construction of Tower C has not yet started.	Nil	Nil
2	A first aid room as proposed in the project report will be provided both during construction and operation phase of the project.	First Aid room has been provided at the site.	Nil	Nil
3	Adequate drinking water and sanitary facilities should be provided for construction workers at site. Provision should be made for mobile toilets. Open defecation by the labours should be strictly prohibited. The safe disposal of waste water and solid wastes generated during the construction phase should be ensured.	Supply of domestic water is sourced from HUDA. No labour camp has been set up at the project site as Construction of Tower C is not started yet.	Nil	Nil
4	All the topsoil excavated during construction activities should be stored for use in horticulture/landscape development within the project site	Top soil generated from excavation work was transferred to the nearby nursery who in turn provided the top soil during landscaping work at the	Nil	Nil

S. No.	Conditions of Environmental Clearance	Status of Compliance / Findings	Recommendation / Comments from Audit Team	Remarks from project proponent
		project site.		
5	The project proponent shall ensure that the building material required during construction phase is properly stored within the project area and disposal of construction waste should not create any adverse effect on the neighbouring communities and should be disposed of after taking necessary precautions for general safety and health aspects of people, only in approved sites with the approval of competent authority.	This condition had already been complied during construction phase of existing project. The same will be followed during construction phase of Tower C.	Nil	Nil
6	Construction spoils, including bituminous material and other hazardous materials, must not be allowed to contaminate watercourses and the dump sites for such material must be secured so that they should not leach into the ground water and any hazardous waste generated during construction phase, should be disposed off as per applicable rules and norms with necessary approval of the Haryana State Pollution Control Board.	The condition has been complied with.	Nil	Nil
7	The diesel generator sets to be used during construction phase should be of ultra-low sulphur diesel type and should conform to Environment (Protection) Rules prescribed for air and noise emission standards.	Diesel which is available from the nearest Fuel Supply Station was used to run the DG Sets.	Nil	Nil

S. No.	Conditions of Environmental Clearance	Status of Compliance / Findings	Recommendation / Comments from Audit Team	Remarks from project proponent
8	The diesel required for operating DG sets shall be stored in underground tanks and if required, clearance from Chief Controller of Explosives shall be taken.	The diesel was found stored in underground tank of capacity 50 KL with permission obtained from PESO.	Nil	Nil
9	Ambient noise levels shall conform to the 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 taken to reduce ambient air and noise level during construction phase, so as to conform to the stipulated residential standards of CPCB/ MoEF.	At present, major noise generating activities have been completed till construction of Tower C starts. Since beginning of the project, regular monitoring has been carried out and found in compliance with standards. Adequate measures were taken like water sprinkling, installation of anti-smoke gun etc.	Nil	Nil
10	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 condition will be complied. Fly ash has been used as design mix for premixed concrete during construction of Tower C.	Nil	Nil
11	Storm water control and its re-use as per CGWB and BIS standards for various applications should be ensured.	The condition has been complied with. As of now, 12 nos. of rain water harvesting pits have been installed within the project area for recharging the ground aquifer.	Nil	Nil
12	Water demand during construction should be reduced by use of pre-mixed concrete, curing	To conserve water, pre-mixed concrete, curing agents were used.	Nil	Nil

S. No.	Conditions of Environmental Clearance	Status of Compliance / Findings	Recommendation / Comments from Audit Team	Remarks from project proponent
	agents and other best practices.			
13	In view of the severe constrains in water supply augmentation in the region and sustainability of water resources, the developer will submit the NOC from the CGWA specifying water extraction quantities and assurance from HUDA/utility provider indicating source of water supply and quantity of water with details of intended use of water – potable and non-potable. Assurance is required for both construction and operation stages separately. It shall be submitted to the SEIAA and RO, MoEF&CC, Chandigarh before the start of construction.	No onsite ground water abstraction done. As planned, the semi treated water from nearby STP was taken & used for construction. Now, at the operational phase of Tower A & B, water supply from HUDA is taken.	Nil	Nil
14	Roof must meet prescribed requirement as per Energy Conservation Building Code by using appropriate thermal insulation materials.	The condition has been complied with.	Nil	Nil
15	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 desirable for non-air-conditioned spaces by use of appropriate thermal insulation material to fulfill requirement	The condition has been complied with.	Nil	Nil
16	The approval of the competent authority shall	Structures have been designed as per	Nil	Nil

S. No.	Conditions of Environmental Clearance	Status of Compliance / Findings	Recommendation / Comments from Audit Team	Remarks from project proponent
	be obtained for structural safety of the building on account of earthquake, adequacy of firefighting equipment etc. as per National Building Code including protection measures from lightning etc.	the NBC for earthquake as per seismic zone IV, Fire Fighting equipment are designed as per NBC. Structural safety Certificate has been taken.		
17	Overexploited groundwater and impending severe shortage of water supply in the region requires the developer to redraw the water and energy conservation plan. Developer shall reduce the overall footprint of the proposed development. Project proponent shall incorporate water efficiency/saving measures as well as water reuse/recycling within 3 months and before start of construction to the SEIAA, Haryana and RO, MoEF, Gol, Chandigarh.	To reduce the overall footprint, energy conservation measures have been adopted. Low power consuming lighting have been provided. To minimize water consumption, onsite STP treated water is reused in flushing and gardening purposes. Obtained IGBC certificate.	Nil	Nil
18	The Project Proponent as stated in proposal shall construct 12 nos. rain water harvesting pits under expansion for recharging the ground water within the project premises. Rain water harvesting pits shall be designed to make provisions for silting chamber and removal of floating matter before entering harvesting pit. Maintenance budget and persons responsible for maintenance must be provided. Care shall also be taken that contaminated water do not	The condition has been complied with.	Nil	Nil

S. No.	Conditions of Environmental Clearance	Status of Compliance / Findings	Recommendation / Comments from Audit Team	Remarks from project proponent
	enter any RWH pit.			
19	The project proponent shall provide for adequate fire safety measures and equipment as required by Haryana Fire Service Act. 2009 and instructions issued by the local Authority/Directorate of fire from time to time. Further the project proponent shall take necessary permission regarding fire safety scheme/NOC from competent Authority as required.	Adequate fire safety measures have been provided in the project in line with NBC requirements. Approval has been obtained from Fire Service Department. Project site is provided with portable fire extinguishers (mechanical foam, ABC type, CO ₂ type and sand bucket in different capacities.	Nil	Nil
20	The Project Proponent shall obtain assurance from the DHBVN for total supply of 1397 KW of power supply before the start of construction. In no case project will be operational solely on generators without any power supply from any external power utility.	As the project is in operational phase, connection from DHBVN is now obtained.	Nil	Nil
21	Detail calculation of power load and ultimate power load of the project shall be submitted to DHBVN under intimation to SEIAA Haryana before the start of construction. Provisions shall be made for electrical infrastructure in the project area.	The condition has been complied.	Nil	Nil
22	The Project Proponent shall not raise any construction in the natural land depression /	No Nallah / Water course exists inside the project area.	Nil	Nil

S. No.	Conditions of Environmental Clearance	Status of Compliance / Findings	Recommendation / Comments from Audit Team	Remarks from project proponent
	Nallah/water course and shall ensure that the natural flow from the Nallah/water course is not obstructed.			
23	The project proponent shall keep the plinth level of the building blocks sufficiently above the level of the approach road to the project. Levels of the other areas in the project shall also be kept suitably so as to avoid flooding.	The condition has been complied.	Nil	Nil
24	Construction shall be carried out so that density of population does not exceed norms approved by Director General Town and Country Department Haryana.	The density of the population will not exceed the norms approved by Director General, Town and Country Planning Department, Haryana.	Nil	Nil
25	The Project Proponent shall submit an affidavit with the declaration that ground water will not be used for construction and only treated water should be used for construction.	STP treated water from HUDA was used for construction.	Nil	Nil
26	The project proponent shall not cut any existing tree and project landscaping plan should be modified to include those trees in green area.	No tree was cut as directed.	Nil	Nil
27	The project proponent shall ensure that ECBC norms for composite climate zone are met. In particular building envelope, HVAC service, water heating, pumping, lighting and electrical infrastructure must meet ECBC norms	The condition has been complied.	Nil	Nil

S. No.	Conditions of Environmental Clearance	Status of Compliance / Findings	Recommendation / Comments from Audit Team	Remarks from project proponent
28	The project proponent shall provide 3m high barricade around the project area, dust screen for every floor above the ground, proper sprinkling and covering of stored material to restrict dust and air pollution during construction.	The condition has been complied.	Nil	Nil
29	The project proponent shall construct a sedimentation basin in the lower level of the project site to trap pollutant and other wastes during rains.	The condition has been complied.	Nil	Nil
30	The project proponent shall provide proper rasta of proper width and proper strength for the project before the start of construction.	The project site is accessible from the existing 35 m wide sector road.	Nil	Nil
31	The project proponent shall ensure that the U - value of the glass is less than 3.177 and maximum solar heat gain co-efficient is 0.25 for vertical fenestration.	The condition has been complied.	Nil	Nil
32	The project proponent shall adequately control construction dusts like silica dust, non-silica dust, wood dust. Such dusts shall not spread outside project premises. Project Proponent shall provide respiratory protective equipment to all construction workers.	The condition has been complied.	Nil	Nil
33	The project proponent shall provide fire control	The condition has been complied.	Nil	Nil

S. No.	Conditions of Environmental Clearance	Status of Compliance / Findings	Recommendation / Comments from Audit Team	Remarks from project proponent
	room and fire officer for building above 30 meter as per National Building Code.			
34	The project proponent shall obtain permission of Mines and Geology Department for excavation of soil before the start of construction.	The condition has been complied for the already constructed part.	Nil	Nil
35	The project proponent shall provide one refuge area till 24 meter and one till 39 meter each as per National Building Code. The project proponent shall not convert any refuse area in the habitable space and it should not be sold out/commercialized.	The condition has been complied.	Nil	Nil
36	The project proponent shall seek specific prior approval from concerned local Authority/HUDA regarding provision of storm drainage and sewerage system including their integration with external services of HUDA/Local authorities beside other required services before taking up any construction activity.	Storm water and sewerage connection have been obtained from HUDA.	Nil	Nil
37	The project proponent shall discharge excess of treated waste water/storm water in the public drainage system and shall seek permission of HUDA before the start of construction	The condition has been complied.	Nil	Nil
38	The project proponent shall maintain the	Proper distance between STP and	Nil	Nil

S. No.	Conditions of Environmental Clearance	Status of Compliance / Findings	Recommendation / Comments from Audit Team	Remarks from project proponent
	distance between STP and water supply line.	water supply line has been maintained.		
39	The project proponent shall ensure that the stack height is 6 meter more than the highest tower.	The DG sets have been provided with adequate height of stack as per the norms.	Nil	Nil
40	The project proponent shall ensure that structural stability to withstand earthquake of magnitude 8.5 on Richter scale.	The condition has been complied. Structure Stability certificate has been taken.	Nil	Nil
41	Vertical fenestration shall not exceed 60% of total wall area.	The condition has been complied.	Nil	Nil

II. Operation Phase

S. No.	Conditions of Environmental Clearance	Status of Compliance	Recommendation/ Comments from Audit Team	Remarks from project proponent
a.	"Consent to Operate" shall be obtained from Haryana Pollution Control Board under Air and Water Act and a copy shall be submitted to the SEIAA, Haryana.	Consent to operate has been obtained for 2 towers valid upto 30/09/2024.	Copy of CTO to be provided.	Copy of CTO provided.
b.	The Sewage Treatment Plant (STP) shall be installed for the treatment of the sewage generated to the prescribed standards including odour and treated effluent will be recycled to achieve zero exit discharge. The installation of	One STP of 735 KLD has been installed and put operational at the basement. The same has not been certified by an independent expert as imposed in the condition. It is provided with automatic online monitoring system as directed by	The adequacy of the STP has been checked by the independent expert. And it is found that capacity of STP is	Adequacy certificate will be obtained

S. No.	Conditions of Environmental Clearance	Status of Compliance	Recommendation/ Comments from Audit Team	Remarks from project proponent
	<p>STP shall be certified by an independent expert and a report in this regard shall be submitted to the SEIAA, Haryana before the project is commissioned for operation. Tertiary treatment of wastewater is mandatory. The project proponent shall remove not only ortho phosphorus but also total phosphorus to the extent less than 2mg/lit. Similarly, total nitrogen level shall be less than 2 mg/lit in tertiary treated wastewater. Discharge of treated sewage shall conform to the norms and standards of CPCB/HSPCB, whichever is environmentally better. The project proponent shall implement such STP technology which does not require filter backwash.</p>	<p>HSPCB and complying with permissible standard for discharge. So far, no non-compliance has been reported. STP adequacy report for STP will be prepared through independent expert and the same shall be submitted to the SEIAA.</p>	<p>adequate for treatment of sewage generation during Operation phase of the project.</p>	
c.	<p>Separation of grey and black water should be done by the use of dual plumbing line. Treatment of 100% grey water by decentralized treatment should be done ensuring that the re-circulated water should have BOD level less than 5 mg/lit and the recycled water will be used for flushing, gardening and HVAC makeup and DG set cooling etc. to achieve zero discharge.</p>	<p>Complied. Dual plumbing system has been provided in the project.</p>	<p>Nil</p>	<p>Nil</p>
d.	<p>For disinfections of the treated wastewater</p>	<p>UV radiation is used</p>	<p>Nil</p>	<p>Nil</p>

S. No.	Conditions of Environmental Clearance	Status of Compliance	Recommendation/ Comments from Audit Team	Remarks from project proponent
	ultra-violate radiation or ozonisation should be used.			
e.	Diesel power generating sets proposed as source of backup power for lifts, common area illumination and for domestic use should be of enclosed type and conform to rules made under the Environment (Protection) Act, 1986. The location of the DG sets shall be in the open as promised by the project proponent with appropriate stack height above the highest roof level of the project as per the CPCB norms. The diesel used for DG sets shall be ultra-low sulphur diesel (35 ppm sulphur), instead of low sulphur diesel.	As per approved building plan and NOC from Fire Department, DG has been installed in the open area of ground level and the DG sets have been provided with adequate height of stack as per the norms.	Nil	Nil
f.	Ambient Noise level should be controlled to ensure that it does not exceed the prescribed standards both within and at the boundary of the Proposed "mixed use development project".	Complied.	Nil	Nil
g.	The project proponent as stated in the proposal should maintain at least 25% as green cover area for tree plantation especially all around the periphery of the project and on the road sides preferably with local species so as to provide protection against noise and suspended	Complied. Landscaping and plantation has been done in project area.	Nil	Nil

S. No.	Conditions of Environmental Clearance	Status of Compliance	Recommendation/ Comments from Audit Team	Remarks from project proponent
	particulate matter. The open spaces inside the project should be preferably landscaped and covered with vegetation/grass, herbs & shrubs. Only locally available plant species shall be used.			
h.	The project proponent shall strive to minimize water in irrigation of landscape by minimizing grass area, using native variety, xeriscaping and mulching, utilizing efficient irrigation system, scheduling irrigation only after checking evapo-transpiration data.	Some steps have been taken to minimize water consumption.	Nil	Nil
i	Rain water harvesting for roof run-off and surface run-off, as per plan submitted should be implemented. Before recharging the surface run off, pre- treatment through sedimentation tanks must be done to remove suspended matter, oil and grease. The bore well for rainwater recharging shall be kept at least 5 m above the highest ground water table. Care shall be taken that contaminated water do not enter any RWH pit. The project proponent shall avoid Rain Water Harvesting of first 10 minutes of rain fall. Roof top of the building shall be without any toxic material or paint which can contaminate rain water. Wire mess and filters	As of now, 12 RWH pits have been constructed and all have been put under operation.	Nil	Nil

S. No.	Conditions of Environmental Clearance	Status of Compliance	Recommendation/ Comments from Audit Team	Remarks from project proponent
	should be used wherever required.			
j.	The ground water level and its quality should be monitored regularly in consultation with Central Ground Water Authority.	As there is no abstraction of groundwater, the condition is not applicable for this project.	Nil	Nil
k.	A report on the energy conservation measures conforming to energy conservation norms finalized by Bureau of Energy Efficiency should be prepared incorporating details about building materials and technology, R & U Factors etc. and submit to the IA Division of Environment Department, Haryana in three months' time.	The Report has not been prepared and submitted to concern department. So far, non-compliance has been reported.	The Energy Conservation measures report as per Bureau of Energy Efficiency needs to be prepared.	Energy Audit will be conducted in next quarter.
l.	Energy conservation measures like installation of LED only for lighting the areas outside the building and inside the building should be integral part of the project design and should be in place before project commissioning. Use of solar panels must be adapted to the maximum energy conservation.	Complied. LED lighting has been provided.	Nil	Nil
m	The Project Proponent shall use zero ozone depleting potential material in insulation, refrigeration, air-conditioning and adhesive. Project Proponent shall also provide Halon free fire suppression system.	The condition has been complied.	Nil	Nil

S. No.	Conditions of Environmental Clearance	Status of Compliance	Recommendation/ Comments from Audit Team	Remarks from project proponent
n.	The solid waste generated should be properly collected and segregated as per the requirement of the MSW Rules 2000 and as amended from time to time. The bio-degradable should be treated by appropriate technology at the site ear-marked within the project area and dry/inert solid waste should be disposed off to the approved site for land filling after recovering recyclable materials.	As of now, Solid waste generated at project site is disposed as per Solid Waste Management Rules, 2016. The Non-Biodegradable wastes are collected separately in segregated manner and disposed through municipal Corporation. Bio-Degradable waste is disposed off through Organic waste converter installed at project site.	Nil	Nil
o.	The provision of the solar water heating system shall be as per the norms specified by HAREDA and shall be made operational in each building block	The condition has not been complied and non-compliance reported for this condition.	It is not required at this stage of the project.	Solar water heater is not required.
p.	The traffic plan and the parking plan proposed by the PP should be adhered to meticulously with further scope of additional parking for future requirement. There should be no traffic congestion near the entry and exit points from the roads adjoining the proposed project site. Parking should be fully internalized and no public space should be utilized.	Complied. Parking plan has been implemented as per approved design.	Nil	Nil
q.	The Project shall be operationalized only when HUDA/local authority will provide domestic water supply system in the area.	Complied. Permission from HUDA regarding drinking water supply has been obtained.	Nil	Nil

S. No.	Conditions of Environmental Clearance	Status of Compliance	Recommendation/ Comments from Audit Team	Remarks from project proponent
r.	Operation and maintenance of STP, solid waste management and electrical Infrastructure, pollution control measures shall be ensured even after the completion of project.	Complied. Day to day operation and maintenance of the completed part is presently handled by one Facility Service Company.	Nil	Nil
s.	Different type of wastes should be disposed of as per provisions of municipal solid waste, biomedical waste, hazardous waste, e-waste, batteries & plastic rules made under Environment Protection Act, 1986. Particularly E-waste and Battery waste shall be disposed of as per existing E-waste Management Rules 2011 and Batteries Management Rules 2001. The project proponent should maintain a collection center for E-waste and it shall be disposed of to only registered and authorized dismantler / recycler.	Complied. Agreement has been made with agencies for disposal of used oil [hazardous waste] and other wastes like E waste, battery waste, plastic wastes etc. Solid waste generated within the premises will be properly collected, segregated and managed as per Solid waste Management Rules, 2016. Biodegradable wastes disposed off at site through Organic waste Converter (OWC). Non-biodegradable/ recyclable wastes will be sold to authorized vendors/recyclers.	Nil	Nil
t	Standards for discharge of environmental pollutants as enshrined in various schedules of rule 3 of Environment Protection Rule 1986 shall be strictly complied with.	Being complied. Regular monitoring is being done through recognized lab.	Nil	Nil
u	The project proponent shall make provision for guard pond and other provisions for safety against failure in the operation of wastewater treatment facilities. The project proponent shall	Being complied	Nil	Nil

S. No.	Conditions of Environmental Clearance	Status of Compliance	Recommendation/ Comments from Audit Team	Remarks from project proponent
	also identify acceptable outfall for treated effluent.			
v.	The project proponent shall ensure that the of DG sets is more than the highest tower and also ensure that the emission standards of noise and air are within the CPCB latest prescribed limits. Noise and Emission level of DG sets greater than 800 KV A shall be as per CPCB latest standards for high capacity DG sets.	The DG sets have been provided with adequate height of stack as per the norms.	Nil	Nil
w.	All electric supply exceeding 100 amp, 3 phase shall maintain the power factor between 0.98 lag to 1 at the point of connection.	Complied.	Nil	Nil
x.	The project proponent shall minimize heat island effect through shading and reflective or pervious surface instead of hard surface.	Shading has been used to increase cooling effects in the project building. Energy efficient and environmental friendly measures have been incorporated in building design in order to control heat island effect.	Nil	Nil
y.	The project proponent shall not use fresh water for HVAC and DG cooling. Air based HVAC system should be adopted and only treated water shall be used by project proponent for cooling, if it is at all needed. The Project Proponent shall also use evaporative cooling technology and double stage cooling system for	Complied. Treated water use for HVAC and DG Cooling.	Nil	Nil

S. No.	Conditions of Environmental Clearance	Status of Compliance	Recommendation/ Comments from Audit Team	Remarks from project proponent
	<p>HVAC in order to reduce water consumption. Further temperature, relative humidity during summer and winter seasons should be kept at optimal level. Variable speed drive, best Co-efficient of Performance (Cop), as well as optimal Integrated Point Load Value and minimum outside fresh air supply may be resorted for conservation of power and water. Coil type Cooling DG Sets shall be used for saving cooling water consumption for water cooled DG Sets.</p>			
z.	<p>The project proponent shall ensure that the transformer is constructed with high quality grain oriented, low loss silicon steel and virgin electrolyte grade copper. The project proponent shall obtain manufacturer's certificate also for that.</p>	Complied.	Nil	Nil
aa.	<p>Water supply shall be metered among different users and different utilities.</p>	<p>Water meter has been installed at the fresh water intake point, STP inlet and outlet point. Individual meter for different users and different utilities have been installed. As communicated by the project proponent, plumbing has been done as per approved design and individual meter for different purposes also</p>	Nil	<p>At Project Site, water connection is provided by govt. authority i.e. GMDA through digital water meter. In pump room, we had made arrangement of separate water meters for different purposes.</p>

S. No.	Conditions of Environmental Clearance	Status of Compliance	Recommendation/ Comments from Audit Team	Remarks from project proponent
		provided in pump room.		
ab.	The project proponent shall ensure that exit velocity from the stack should be sufficiently high. Stack shall be designed in such a way that there is no stack down-wash under any meteorological conditions.	Complied.	Nil	Nil
ac.	The project proponent shall provide water sprinkling system in the project area to suppress the dust in addition to the already suggested mitigation measures in the Air Environment Chapter of EMP.	The condition has been complied.	Nil	Nil
ad.	The project proponent shall provide additional green area on terrace and roof top.	Complied.	Nil	Nil
ae.	The project proponent shall ensure proper Air Ventilation and light system in the basements area for comfortable living of human being and shall ensure that number of Air Changes per hour/(ACH) in basement never falls below 15. In case of emergency capacity for increasing ACH to the extent of 30 must be provided by the project proponent.	Complied.	Nil	Nil
af.	The project proponent shall install solar panel for energy conservation.	Solar Panel installed at both Tower and approx. 137 KW solar power generate with these solar panel	Nil	Nil

Part B – General Conditions

S. No.	Conditions of Environmental Clearance	Status of Compliance	Recommendation from Audit Team	Remarks from project proponent
i	The Project Proponent shall ensure the commitments made in Form 1, Form 1A, EIA/EMP and other documents submitted to the SEIAA for the protection of environment and proposed environmental safeguards are complied with in letter and spirit. In case of contradiction between two or more documents on any point, the most environmentally friendly commitment on the point shall be taken as commitment by project proponent.	The commitments made regarding environmental safeguards are being implemented.	Nil	Nil
ii	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 bye-mail) to the northern Regional Office of MoEF, the respective Zonal Office of CPCB, HSPCB and SEIAA Haryana.	Six monthly compliance reports are being submitted on regular basis. Next report is due in December 2021	Nil	Nil
iii	STP outlet after stabilization and stack emission shall be monitored monthly. Other environmental parameters and green belt shall be monitored on quarterly basis. After every 3 (three) months, the project proponent shall conduct environmental audit and shall take corrective measure, if required, without delay.	STP installed at project site is provided with online monitoring system as directed by HSPCB. Ambient air, ambient noise and soil quality are monitored regularly through external NABL accredited laboratory.	Nil	Nil
iv	The SEIAA, Haryana reserves the right to add	As of now, no additional measures have	Nil	Nil

S. No.	Conditions of Environmental Clearance	Status of Compliance	Recommendation from Audit Team	Remarks from project proponent
	additional safeguard measures subsequently, if found necessary. Environmental Clearance granted will be revoked if it is found that false information has been given for getting approval of this project. SEIAA reserves the right to revoke the clearance if conditions stipulated are not implemented to the satisfaction of SEIAA/MoEF.	been suggested by the SEIAA.		
v	The Project proponent shall not violate any judicial orders/pronouncements issued by any Court/Tribunal.	As of now, no judicial orders have been issued.	Nil	Nil
vi	All other statutory clearances such as the approvals for storage of diesel from Chief Controller of Explosives, Fire Department, Civil Aviation Department, Forest Conservation Act, 1980 and Wildlife (Protection) Act, 1972, PLPA, 1900, Forest Act 1927 etc. shall be obtained, as applicable by project proponents from the respective authorities prior to construction of the project.	Approval obtained for firefighting scheme. NOC regarding Aravali Notification obtained.	The conditions, if any imposed by the concerned authorities should be complied with.	Nil
vii	The Project proponent should inform the public that the project has been accorded Environment Clearance by the SEIAA and copies of the clearance letter are available with the Haryana State Pollution Control Board &	The advertisement already made in the newspaper as directed and the condition has been complied. Copy of the advertisement was submitted with the compliance report to SEIAA in December 2018.	Nil	Nil

S. No.	Conditions of Environmental Clearance	Status of Compliance	Recommendation from Audit Team	Remarks from project proponent
	SEIAA. This should be advertised within 7 days from the date of issue of the clearance letter at least in two local newspapers that are widely circulated in the region and the copy of the same should be forwarded to SEIAA Haryana. A copy of Environment Clearance conditions shall also be put on project proponent's web site for public awareness.	Uploading of the EC has been done on the website.		
viii	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 before obtaining prior Environmental Clearance.	Complied.	Nil	Nil
ix	Any appeal against this Environmental Clearance shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.	No appeal has been made.	Nil	Nil
x	Corporate Environment and Social Responsibility (CSER) shall be laid down by the project proponent (2% shall be earmarked) as per guidelines of MoEF, GoI Office Memorandum No. J-11013/41/2006-IA.II(I) dated 18.05.2012 and Ministry of Corporate	An amount of Rs.1.60 Crores has been spent under CSER to development of Badshapur drain near Primanti Project and beautification of green corridor.		

S. No.	Conditions of Environmental Clearance	Status of Compliance	Recommendation from Audit Team	Remarks from project proponent
	Affairs, GoI Notification Dated 27.02.2014. A separate audit statement shall be submitted in the compliance. Environment related work proposed to be executed under this responsibility shall be undertaken simultaneously. The project proponent shall select and prepare the list of the work for implementation of CSER of its own choice and shall submit the same before the start of construction.			
xi	The fund ear-marked for environment protection measures should be kept in separate account and should not be diverted for other purposes and year wise expenditure shall be reported to the SEIAA/RO/MOEF GoI under rules prescribed for Environment Audit.	Complied.	Nil	Nil
xii	The project proponent shall ensure the compliance of Forest Department, Haryana Notification no. S.O.121/PA2/1900/S.4/97 dated 28/11/1997.	Complied.	Nil	Nil
xiii	The Project Proponent shall ensure that no vehicle during construction/operation phase enter the project premises without valid 'Pollution Under Control' certificate from competent Authority	Complied.	Nil	Nil

S. No.	Conditions of Environmental Clearance	Status of Compliance	Recommendation from Audit Team	Remarks from project proponent
xiv	Besides the developer/applicant, the responsibility to ensure the compliance of Environmental Safeguards conditions imposed in the environmental Clearance letter shall also lie on the licensee/licenses in whose name/names the license CLU has been granted by the Town & Country Planning Department, Haryana.	In this case, the project proponent is one among the five licensee.	Nil	Nil
xv	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 PM _{2.5} , PM ₁₀ , SO _x , NO _x , Ozone, Lead, CO, Benzene, Ammonia, Benzopyrine, arsenic and Nickel. (Ambient levels as well as stack emissions) or critical sectoral parameters, indicated for the project shall be monitored and displayed at a convenient location near main gate of the company in the public domain.	Uploading of the compliance report including monitored data have been done on the website. The display of monitored parameters is not observed as per condition imposed near main gate of the company in the public domain.	Display of monitoring report as directed would be made in near future in due course of time.	As the project is recently operational and since its operation we are unable to run the project properly due to COVID pandemic. Display of monitoring report made near the main gate.
xvi	The environmental statement for each financial year ending 31 at March in Form Vas is	The environmental statement has been submitted every year.	Nil	Nil

S. No.	Conditions of Environmental Clearance	Status of Compliance	Recommendation from Audit Team	Remarks from project proponent
	mandated to be submitted by the project proponent to the HSPCB Panchkula 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 the EC conditions and shall also be sent to the respective Regional Offices of MoEF bye-mail.			
xvii	The project proponent shall conduct environment audit at every three months' interval and thereafter corrected measures shall be taken without any delay. Details of environmental audit and corrective measures shall be submitted in the monitoring report.	Environmental Audits are being conducted periodically.	Nil	Nil
xviii	The project proponent shall seek fresh environmental clearance in case any modification /revision is required at a later stage due to exchange of revenue rasta existing in the project area or change in any plan due to combined zoning plan.	As on date, no new modification noted at project site.	Nil	Nil
xix	The validity of this environmental clearance letter is valid up to 7 years from the date of issuance of EC letter. The environmental clearance conditions applicable till life space	Complied.	Nil	Nil

S. No.	Conditions of Environmental Clearance	Status of Compliance	Recommendation from Audit Team	Remarks from project proponent
	project in case of Residential project will continue to apply. The resident welfare association/Housing co-operative societies shall responsible to comply conditions laid down in EC. In case of violation the action would be taken as per the laid down law of land. Compliance report should be sent to this office till life of the project.			
xx	If project is not completed within the validity period then the project proponent shall submit the application for extension of validity within one month before the lapse of validity period of Environmental clearance.	Complied.	Nil	Nil

4.4 Identifications of Gaps

4.4.1 Non-compliance with respect to environmental laws –

1. **The Energy Audit Report has not been prepared and submitted to concern department-** Energy Audit will be conducted in next quarter.
2. **Display of monitored data near main gate not done –** Display would be made as per the conditions in due course of time for public domain.

3. Overall Findings

This audit has been conducted according to the requirement as per the condition imposed in the Environmental Clearance issued by the SEIAA, Haryana. The audit was conducted with involvement of the official of the Tata Realty & Infrastructure Ltd.

Overall compliance of the EC conditions at the project site is in compliance status with few observations. As said by the official, water sprinkling is regularly carried out to suppress dust emissions.

4. Closing Remarks

Immediate action on the points observed during the audit need to be taken and reported so that all the observations observed can be closed. Status of the same will be reviewed in the next audit report.

Annexure-XI

Copy of permission obtained from PESO



भारत सरकार
Government of India
वाणिज्य और उद्योग मंत्रालय
Ministry of Commerce & Industry
पेट्रोलियम तथा विस्फोटक सुरक्षा संगठन (पैसो)
Petroleum & Explosives Safety Organisation (PESO)
हाल संख्या 502 एवं 507, लेवल-5, ब्लॉक II, पुराना सी.जी.ओ. कॉम्प्लेक्स, एन.एच.4
फरीदाबाद- 121001
Hall No. 502 & 507, Level 5, Block B, Old CGO Complex, NH-4,
Faridabad - 121001

E-mail : jtccefaridabad@explosives.gov.in

Phone/Fax No : 0129 - 2410734, 2410732

संख्या /No. : P/NC/HN/15/1926 (P439808)

दिनांक /Dated : 17/09/2019

सेवा में /To,

M/s. GURGAON REALTECH LIMITED,
C/O- TATA SERVICES LTD, JEEVAN BHARTI BUILDING,
TOWER NO-1, 10Th Floor ,124 Connaught Circus New,
Taluka: Connaught Place,
District: DELHI,
State: Delhi
PIN: 110001

26 SEP 2019

विषय /Sub : Plot No, MEASURING- 7.90 ACRES, SECTOR-72 GURGAON, SECTOR-72 FAZALPUR JHARSA, Manesar, Taluka: Manesar, District: GURGAON, State: Haryana, PIN: 122001 में पेट्रोलियम वर्ग B का अधिष्ठापन -अनुज्ञप्ति जारी करने के बारे में ।
Petroleum Class B Installation at Plot No, MEASURING- 7.90 ACRES, SECTOR-72 GURGAON, SECTOR-72 FAZALPUR JHARSA, Manesar, Taluka: Manesar, District: GURGAON, State: Haryana, PIN: 122001 Grant of License regarding.

महोदय /Sir
(s).

कृपया आपके पत्र क्रमांक - दिनांक 11/09/2019 का अवलोकन करें ।
Please refer to your letter No. - dated 11/09/2019

विषयान्तर्गत अधिष्ठापन में निम्नलिखित पेट्रोलियम पदार्थों के वर्ग तथा मात्रा के भंडारण के लिए पेट्रोलियम नियम, 2002 के अधीन प्ररूप - XV में स्वीकृत, दिनांक 31/12/2021 तक वैध अनुज्ञप्ति संख्या P/NC/HN/15/1926 (P439808) दिनांक 17/09/2019 भेजी जा रही है ।

Licence No. P/NC/HN/15/1926 (P439808) dated 17/09/2019 granted in Form XV under the Petroleum Rules, 2002 and valid till 31/12/2021 for the storage of the following kinds and quantities of Petroleum at the subject installation is forwarded herewith.

पेट्रोलियम का विवरण /Description of Petroleum	किलोलीटरों में अनुज्ञप्त क्षमता /Quantity licenced in KL
वर्ग क प्रपुंज पेट्रोलियम /Petroleum Class A in bulk	NIL
वर्ग क प्रपुंज पेट्रोलियम से भिन्न /Petroleum Class A, otherwise than in bulk	NIL
वर्ग ख प्रपुंज पेट्रोलियम /Petroleum Class B in bulk	50.00 KL
वर्ग ख प्रपुंज पेट्रोलियम से भिन्न /Petroleum Class B, otherwise than in bulk	NIL
वर्ग ग प्रपुंज पेट्रोलियम /Petroleum Class C in bulk	NIL
वर्ग ग प्रपुंज पेट्रोलियम से भिन्न /Petroleum Class C, otherwise than in bulk	NIL
कुल क्षमता /Total Capacity	50.00 KL

कृपया पेट्रोलियम नियम 2002 के अधीन बनाए गए नियम 148 में दी गई प्रक्रिया का कड़ाई से पालन करें और अनुज्ञप्ति के नवीकरण हेतु समस्त दस्तावेजों को अनुज्ञप्ति की वैधता समाप्ति की तारीख या उससे पूर्व इस कार्यालय को प्रेषित करें ।

Please follow the procedure strictly as laid down in rule 148 of the Petroleum Rules, 2002 and submit complete documents for further renewal of the licence to this office, so as to reach on or before the date on which licence expires.

यह अनुमोदन/ अनुमति अन्य प्राधिकारियों से आवश्यक अनुमति/क्लीयरन्स प्राप्त करने से या यथा लागू अन्य विधियों से छूट नहीं देती है ।

Annexure-XII
Copy of Water bills



WATER & SEWERAGE BILL

M/s Gurgoan Realtech Ltd.

Address: Fazilpur Jharsa

9971992542

estatemangement.g2@tatarealty.in

Consumer Number.	19040526
Invoice No.	125202115830
Connection Type.	Other
Meter No.	18008422
From Date	01/04/2021
To Date	30/04/2021
Invoice Date	13-05-2021
Modify Date	
Due Date	31/05/2021
STP Certificate	NA

Your Invoice for Consumer Number 19040526

Current Month Charges INR 31584	+	Perivous Outstanding Bill Amount INR 0	-	Adjusted Amount if any INR 0	=	Total amount to pay Before Due Date INR 31584
Current Month charges After Due Date INR 34742		Perivous Outstanding Bill Amount INR 0	-	Adjusted Amount if Any INR 0	=	Total Amount To Pay After Due Date INR 34742

PLEASE NOTE:

1. Please make payments before due date to avoid the late fee charges.

Current Charges in detail		
Summary of current charges		
Column	Particulars	Total (INR)
1	Old Connection Number	undefined
2	Connection Size (in mm)	80
3	Meter Reading Old	7760
4	Meter Reading New	10392
5	Water Consumed	2632
6	Sewerage Charges(%)	20
7	Rent in Rs	0
8	Water per Unit	10
9	Charges in Rs Water	26320
10	Charges in Rs Sewerage	5264
11	HSVP Arrear before 1- Oct-2018	
12	Adjust Amount Amount	0
13	Month	May2021



Your History				
Month	Consumption	Charge	Payment	Due Date
April2021	2632 Unit	31584	31584	06/05/2021
March2021	1307 Unit	15684	15684	30/03/2021
February2021	549 Unit	11036	11036	01/03/2021

Instructions

1. Consumer will make payment thru GMDA website only, Cheque / DD/ Cash will not be accepted in GMDA office
2. The payment of this bill should be made within due date, even in case of any dispute. The excess payment, if any, will be adjusted in next bill.
3. In case of defective meter, average of last 3 months will be charged and meter should be replaced within next 20 days. The water connection will be DISCONNECTED if defective meter not replaced in 20 days
4. For tariff related information or details of bill (present / current), kindly visit GMDA website
5. If the water bill payment is not made by the Due Date as mentioned in water bill, this may be treated as Legal Notice
6. No separate notice will be issued for Non payment of bill and water connection will be disconnected without any notice.
7. (*) Coloumn not included in bill amount



WATER & SEWERAGE BILL

M/s Gurgoan Realtech Ltd.

Address: Fazilpur Jharsa

9971992542

estatemangement.g2@tatarealty.in

Consumer Number.	19040526
Invoice No.	146202116390
Connection Type.	Other
Meter No.	18008422
From Date	01/05/2021
To Date	31/05/2021
Invoice Date	16-06-2021
Modify Date	
Due Date	05/07/2021
STP Certificate	NA

Your Invoice for Consumer Number 19040526

Current Month Charges INR 63744	+	Perivous Outstanding Bill Amount INR 0	-	Adjusted Amount if any INR 0	=	Total amount to pay Before Due Date INR 63744
Current Month charges After Due Date INR 70118		Perivous Outstanding Bill Amount INR 0	-	Adjusted Amount if Any INR 0	=	Total Amount To Pay After Due Date INR 70118

PLEASE NOTE:

1. Please make payments before due date to avoid the late fee charges.

Current Charges in detail		
Summary of current charges		
Column	Particulars	Total (INR)
1	Old Connection Number	undefined
2	Connection Size (in mm)	80
3	Meter Reading Old	10392
4	Meter Reading New	15704
5	Water Consumed	5312
6	Sewerage Charges(%)	20
7	Rent in Rs	0
8	Water per Unit	10
9	Charges in Rs Water	53120
10	Charges in Rs Sewerage	10624
11	HSVP Arrear before 1- Oct-2018	
12	Adjust Amount Amount	0
13	Month	June2021



Your History				
Month	Consumption	Charge	Payment	Due Date
May2021	2632 Unit	31584	31584	31/05/2021
April2021	2632 Unit	31584	31584	06/05/2021
March2021	1307 Unit	15684	15684	30/03/2021

Instructions

1. Consumer will make payment thru GMDA website only, Cheque / DD/ Cash will not be accepted in GMDA office
2. The payment of this bill should be made within due date, even in case of any dispute. The excess payment, if any, will be adjusted in next bill.
3. In case of defective meter, average of last 3 months will be charged and meter should be replaced within next 20 days. The water connection will be DISCONNECTED if defective meter not replaced in 20 days
4. For tariff related information or details of bill (present / current), kindly visit GMDA website
5. If the water bill payment is not made by the Due Date as mentioned in water bill, this may be treated as Legal Notice
6. No separate notice will be issued for Non payment of bill and water connection will be disconnected without any notice.
7. (*) Coloumn not included in bill amount



WATER & SEWERAGE BILL

M/s Gurgoan Realtech Ltd.

Address: Fazilpur Jharsa

9971992542

estatemangement.g2@tatarealty.in

Consumer Number.	19040526
Invoice No.	77202116772
Connection Type.	Other
Meter No.	18008422
From Date	01/06/2021
To Date	30/06/2021
Invoice Date	14-07-2021
Modify Date	
Due Date	02/08/2021
STP Certificate	NA

Your Invoice for Consumer Number 19040526

Current Month Charges INR 36644	+	Perivous Outstanding Bill Amount INR 0	-	Adjusted Amount if any INR 0	=	Total amount to pay Before Due Date INR 36644
Current Month charges After Due Date INR 40308		Perivous Outstanding Bill Amount INR 0	-	Adjusted Amount if Any INR 0	=	Total Amount To Pay After Due Date INR 40308

PLEASE NOTE:

1. Please make payments before due date to avoid the late fee charges.

Current Charges in detail		
Summary of current charges		
Column	Particulars	Total (INR)
1	Old Connection Number	undefined
2	Connection Size (in mm)	80
3	Meter Reading Old	15704
4	Meter Reading New	18709
5	Water Consumed	3005
6	Sewerage Charges(%)	20
7	Rent in Rs	0
8	Water per Unit	10
9	Charges in Rs Water	30050
10	Charges in Rs Sewerage	6010
11	HSVP Arrear before 1- Oct-2018	
12	Adjust Amount Amount	0
13	Month	July2021
14	Arrears of Rate Increased in Oct 2020 (885)with STP charges	584



Your History				
Month	Consumption	Charge	Payment	Due Date
June2021	5312 Unit	63744	63744	05/07/2021
May2021	2632 Unit	31584	31584	31/05/2021
April2021	2632 Unit	31584	31584	06/05/2021

Instructions

1. Consumer will make payment thru GMDA website only, Cheque / DD/ Cash will not be accepted in GMDA office
2. The payment of this bill should be made within due date, even in case of any dispute. The excess payment, if any, will be adjusted in next bill.
3. In case of defective meter, average of last 3 months will be charged and meter should be replaced within next 20 days. The water connection will be DISCONNECTED if defective meter not replaced in 20 days
4. For tariff related information or details of bill (present / current), kindly visit GMDA website
5. If the water bill payment is not made by the Due Date as mentioned in water bill, this may be treated as Legal Notice
6. No separate notice will be issued for Non payment of bill and water connection will be disconnected without any notice.
7. (*) Coloumn not included in bill amount



WATER & SEWERAGE BILL

M/s Gurgoan Realtech Ltd.

Address: Fazilpur Jharsa

9971992542

estatemangement.g2@tatarealty.in

Consumer Number.	19040526
Invoice No.	19202117689
Connection Type.	Other
Meter No.	18008422
From Date	01/08/2021
To Date	31/08/2021
Invoice Date	21-09-2021
Modify Date	
Due Date	08/10/2021
STP Certificate	NA

Your Invoice for Consumer Number 19040526

Current Month Charges INR 14208	+	Perivous Outstanding Bill Amount INR 51942	-	Adjusted Amount if any INR 0	=	Total amount to pay Before Due Date INR 66150
Current Month charges After Due Date INR 15629		Perivous Outstanding Bill Amount INR 51942	-	Adjusted Amount if Any INR 0	=	Total Amount To Pay After Due Date INR 67571

PLEASE NOTE:

1. Please make payments before due date to avoid the late fee charges.

Current Charges in detail		
Summary of current charges		
Column	Particulars	Total (INR)
1	Old Connection Number	undefined
2	Connection Size (in mm)	80
3	Meter Reading Old	22644
4	Meter Reading New	23828
5	Water Consumed	1184
6	Sewerage Charges(%)	20
7	Rent in Rs	0
8	Water per Unit	10
9	Charges in Rs Water	11840
10	Charges in Rs Sewerage	2368
11	HSVP Arrear before 1-Oct-2018	
12	Adjust Amount Amount	0
13	Month	September2021



Your History				
Month	Consumption	Charge	Payment	Due Date
August2021	3935 Unit	47220		06/09/2021
July2021	3005 Unit	36644	36644	02/08/2021
June2021	5312 Unit	63744	63744	05/07/2021

Instructions

1. Consumer will make payment thru GMDA website only, Cheque / DD/ Cash will not be accepted in GMDA office
2. The payment of this bill should be made within due date, even in case of any dispute. The excess payment, if any, will be adjusted in next bill.
3. In case of defective meter, average of last 3 months will be charged and meter should be replaced within next 20 days. The water connection will be DISCONNECTED if defective meter not replaced in 20 days
4. For tariff related information or details of bill (present / current), kindly visit GMDA website
5. If the water bill payment is not made by the Due Date as mentioned in water bill, this may be treated as Legal Notice
6. No separate notice will be issued for Non payment of bill and water connection will be disconnected without any notice.
7. (*) Coloumn not included in bill amount



WATER & SEWERAGE BILL

M/s Gurgoan Realtech Ltd.

Address: Fazilpur Jharsa

9971992542

estatemangement.g2@tatarealty.in

Consumer Number.	19040526
Invoice No.	138202117507
Connection Type.	Other
Meter No.	18008422
From Date	01/07/2021
To Date	31/07/2021
Invoice Date	18-08-2021
Modify Date	
Due Date	06/09/2021
STP Certificate	NA

Your Invoice for Consumer Number 19040526

Current Month Charges INR 47220	+	Perivous Outstanding Bill Amount INR 0	-	Adjusted Amount if any INR 0	=	Total amount to pay Before Due Date INR 47220
Current Month charges After Due Date INR 51942		Perivous Outstanding Bill Amount INR 0	-	Adjusted Amount if Any INR 0	=	Total Amount To Pay After Due Date INR 51942

PLEASE NOTE:

1. Please make payments before due date to avoid the late fee charges.

Current Charges in detail		
Summary of current charges		
Column	Particulars	Total (INR)
1	Old Connection Number	undefined
2	Connection Size (in mm)	80
3	Meter Reading Old	18709
4	Meter Reading New	22644
5	Water Consumed	3935
6	Sewerage Charges(%)	20
7	Rent in Rs	0
8	Water per Unit	10
9	Charges in Rs Water	39350
10	Charges in Rs Sewerage	7870
11	HSVP Arrear before 1-Oct-2018	
12	Adjust Amount Amount	0
13	Month	August2021



Your History				
Month	Consumption	Charge	Payment	Due Date
July2021	3005 Unit	36644	36644	02/08/2021
June2021	5312 Unit	63744	63744	05/07/2021
May2021	2632 Unit	31584	31584	31/05/2021

Instructions

1. Consumer will make payment thru GMDA website only, Cheque / DD/ Cash will not be accepted in GMDA office
2. The payment of this bill should be made within due date, even in case of any dispute. The excess payment, if any, will be adjusted in next bill.
3. In case of defective meter, average of last 3 months will be charged and meter should be replaced within next 20 days. The water connection will be DISCONNECTED if defective meter not replaced in 20 days
4. For tariff related information or details of bill (present / current), kindly visit GMDA website
5. If the water bill payment is not made by the Due Date as mentioned in water bill, this may be treated as Legal Notice
6. No separate notice will be issued for Non payment of bill and water connection will be disconnected without any notice.
7. (*) Coloumn not included in bill amount

Annexure-XIII

Photographs of rain water harvesting pits

Photographs of RWH Pits





Annexure-XIV
Photographs of STP

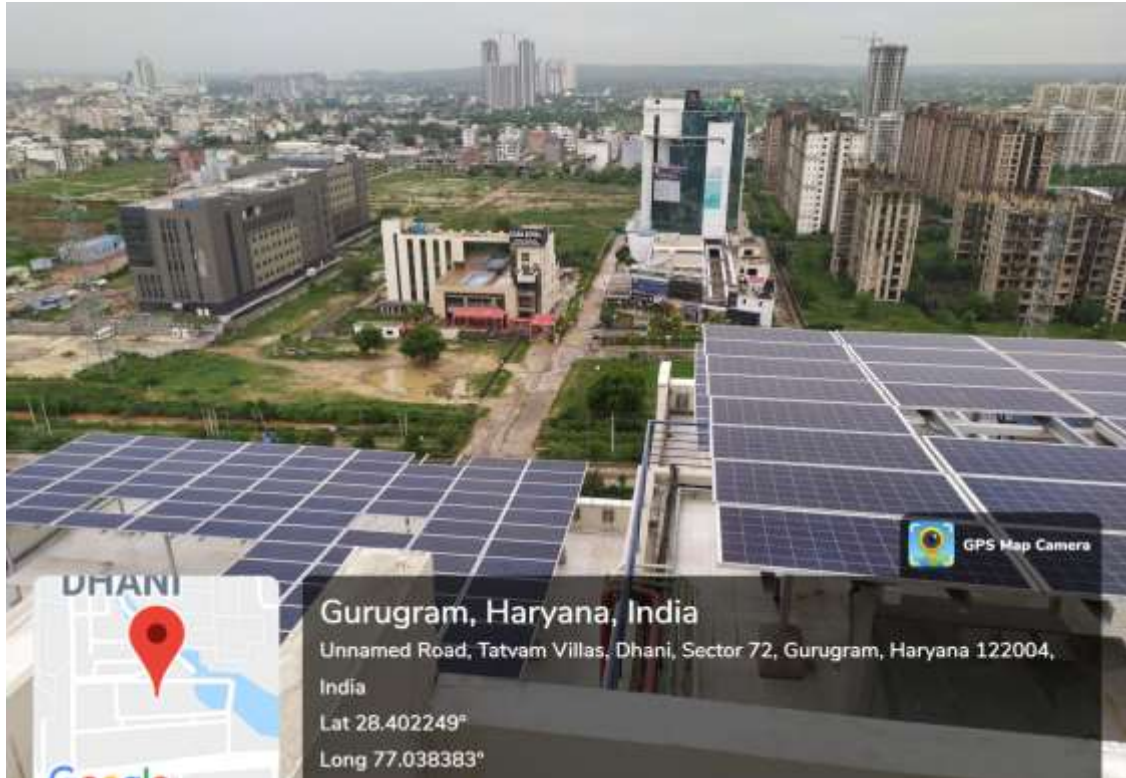
Photographs of STP

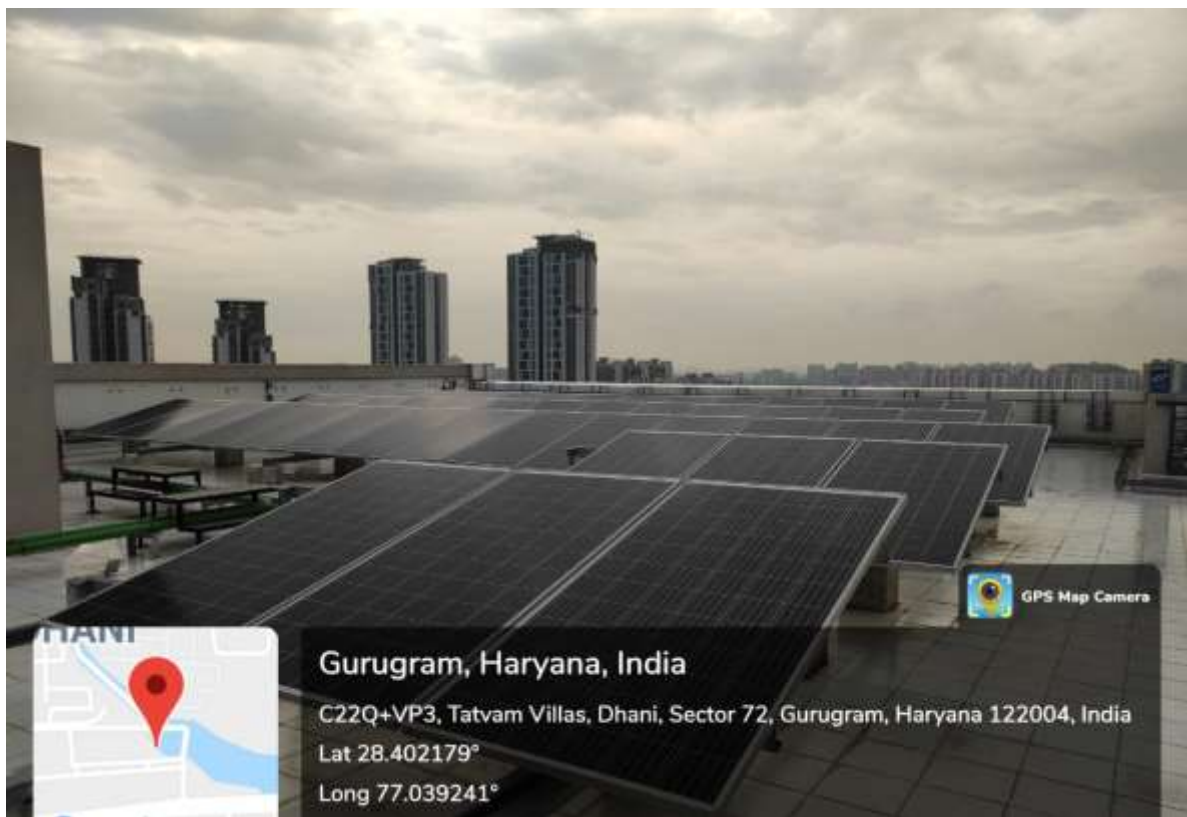
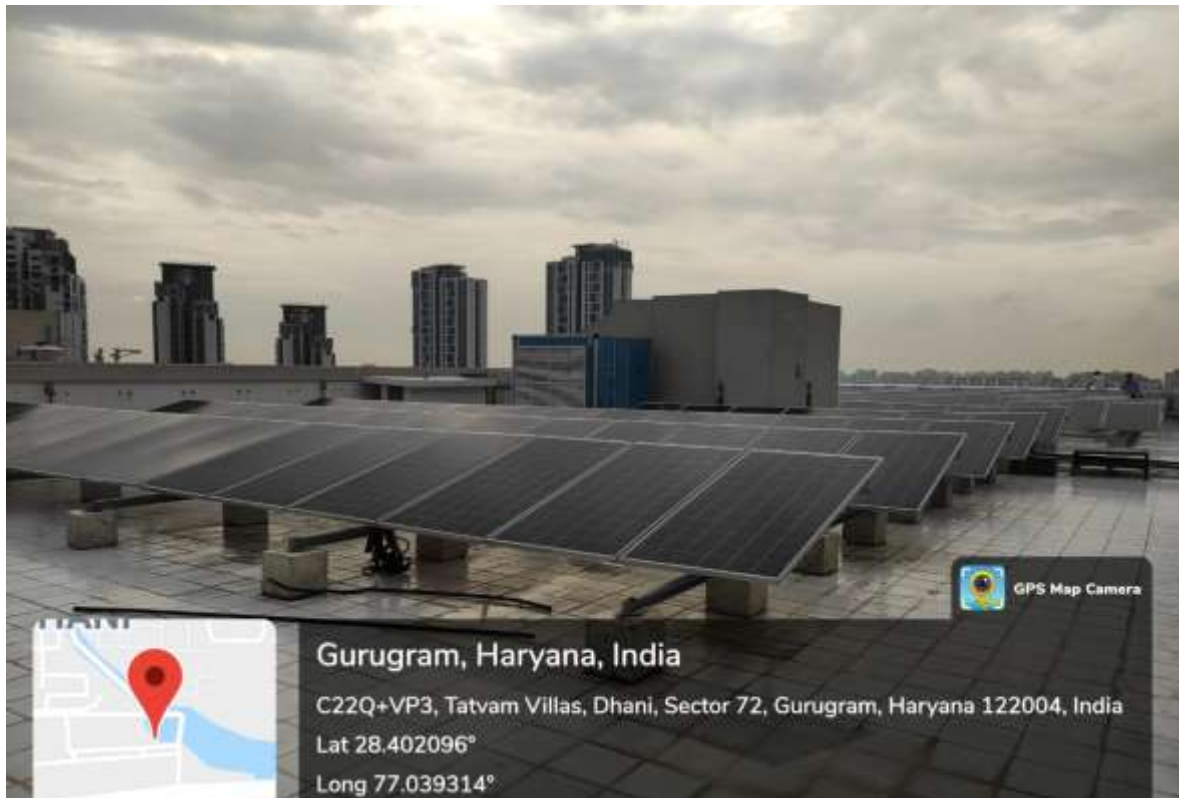


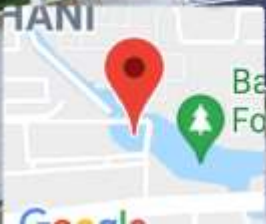


Annexure-XV
Photographs of Solar Panel

Photographs of Solar Panel







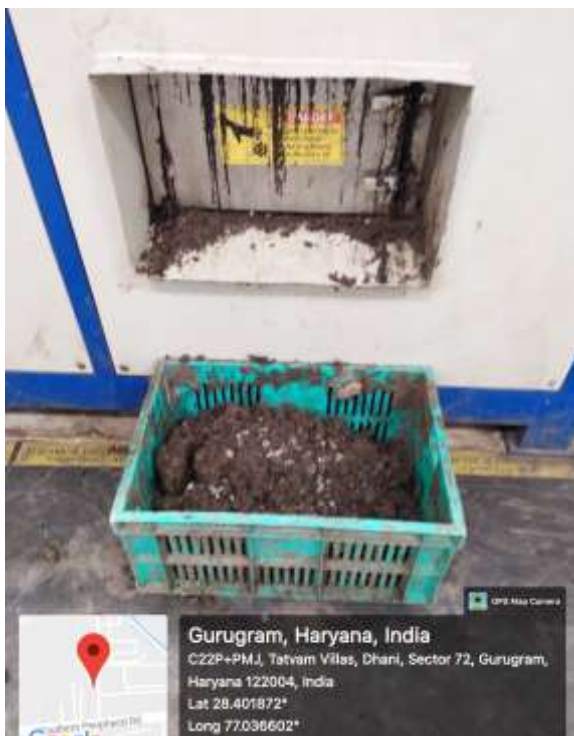
Gurugram, Haryana, India
VILLA-51, TATVAM VILLAS-2, Tatvam Villas, Tatsam Villas, Sector 48,
Gurugram, Haryana 122001, India
Lat 28.402308°
Long 77.03956°

GPS Map Camera

Annexure-XVI

Photographs of Organic Waste converter (OWC)

Photographs of STP



Annexure-XVII
Copy of Electric bills



DAKSHIN HARYANA BIJLI VITRAN NIGAM
(A Govt. of Haryana Undertaking)
Website: www.dhbvn.org.in
Electricity Bill

Duplicate Bill



Account No: 5846041132

5 8 4 6 0 4 1 1 3 2 4 4 5 5 7 9 5 2 0 0 9 2 0 2 1 4 5 1 9 7 9 0

Name: GURGAON REALTECH LTD		Account No: 5846041132	Net Payable Amount on or before Due Date (₹): 4455795.00
Address: NEAR TATA PRIMANTI, FAZILPUR, SEC-72, GURUGRAM, GURUGRAM, HR-122001, IND		Old Acct No: 12227HTUAOZW0002	Due Date: 20/09/2021
Circle : GURUGRAM CIRCLE-2		K No:	Surchage(₹): 63995.00
Cycle/Group: AOZW/HTU	Issue Date: 08/09/2021	Gross Amount Payable After Due Date(₹): 4519790.00	
Division: SUB URBAN GURUGRAM	Bill Month: SEP/2021	Bill No: 584609966430	
Sub Division: G27-Sohna Road		Net Payable Amount in words: Fourty Four Lakh Filty Five Thousand Seven Hundred Ninety Five Rupees Only	

User Id:- reportus Generated On:- 09-09-2021 03:05:59

Meter No.	Meter Reading Date		Period Days	MDI	Unit	Meter Reading		M.F.	Consumed Units	Billed Units	Bill Basis	Read Rmrk	Mtr Sfts
	Old	New				Old	New						
HRT88452	01/08/2021	01/09/2021	31	1888.00 (KW)	kWh	260070	287070.03	20	540000.6	540000.6	OK	OK	A
HRT88452	01/08/2021	01/09/2021	31	0.00 ()	KVAh	260210	287212	20	540040	540040	OK	OK	A

Arrears Outstanding for the Financial Year (₹)				Slab Calculation			Connection Details			
Description	Previous	Current	Total (₹)	Unit	Rate	Amount (₹)	Tariff Category			
SOP Charges	0.00	0.00	0.00	540040	6.850	3591266.00	Flats in BS (DS)	1		
F.S.A.	0.00	0.00	0.00	Total		3591266.00	Supply Voltage(kV)	11.00 V		
Surcharge	0.00	-49170.83	-49170.83	Applicable Tariff on Read Date:			Sanctioned Load (kW)	4000.00		
E. Duty	0.00	0.00	0.00				MMC(₹)	0.00		
M. Tax	0.00	49171.10	49171.10				Cons. Security (₹)	10562000.00		
Fixed Charges	0.00	0.00	0.00				Meter Security (₹)	3030.00		
Excess Credit	0.00	0.00	0.00				Meter Ownership/MDI Meter	Nigam meter		
Total Arrear	0.00	0.27	0.27				Meter Make/Meter Type	Secure Meter Ltd. /H-MTR		

Details of Charges for Current Cycle		Details of Amount Payable		Last Payment Details				
Description	Amount (₹)	Description	Amount (₹)	Amount(₹)				
Fixed Charges	672657.28	Current Cycle Charges	4455794.38	3907448.00				
Energy Charges	3591266.00	Arrears/Outstanding Dues	0.27	584604131600				
MMC/FC for Reconnection	0.00	Sundry Charges/Allowances	0.00/0.00	Receipt Date	13/08/2021			
Amount to cover MMC	0.00	Provisional Adjustment/BR Adj.	0.00	Mode of Payment				
Fuel Surcharge Adjustment	51561.35	LPS Adjustment	0.00	Previous Consumption Pattern				
Reliability Charges	0.00	Other Non-Energy Charges	0.00	Bill month	Units (KWH)	Units (KVAH)	MDI	Status
Excess Load Surcharge	0.00	Net Payable Amount	4455795.00	Mar-2021	263940	263940	784	OK
Capacitor Surcharge	0.00	On Or Before Due Date(₹)	4455795.00	Apr-2021	365620	365620	1000	OK
Meter Service Charges	0.00	Surcharge(₹)	63995.00	May-2021	374680	374700	1488	OK
Life Service Charges	0.00	Gross Amount Payable After	4519790.00	Jun-2021	242800	242800	1008	OK
Capacitor Service Charges	0.00	Due Date(₹)	4519790.00	Jul-2021	371680	371740	1776	OK
Solar Rebate /Prepaid Rebate/Gaushala Rebate	0.00/0.00/0.00	Brief details of Sundry charges /allowances		Aug-2021	493620	493740	1872	OK
Govt. Subsidy/Battery Rbt	0.00/0.00			In case of bill is not paid within 7 days of due date the supply shall be liable to be disconnected without any further notice.				
Electricity Duty	54000.06			Date from which bill other than "OK" is being issued:		Reason:		
Municipal Tax	86309.69							
Total Current Cycle Charges (₹)	4455794.38							

DD to be drawn in favour of SDO G27-Sohna Road , DHBVN , GURUGRAM

Important information for consumers:
Payment of this bill can be made online by logging on the Website: www.dhbvn.org.in at any time and at office counter on all working days during working hours i.e. 09:00AM to 05:00PM.
This Bill be considered as a notice under section 56 of The Electricity Act 2003. Kindly pay the bill by due date. In case of default the connection is liable to be disconnected after 15 days of due date

Address and Telephone Number(s) of the authorities relating to consumers grievances			
Grievance pertaining to this bill can be lodged with	Address & Telephone number(s) of the		For all type of complaints call at:
Assistant General Manager Operation - G27-Sohna Road	Consumer Grievance Redressal Forum		18001804334 (Toll Free)
	HETRI HOUSE, GURUGRAM		1800 180 2124 (Vigilance Toll Free)
	Ombudsman		
	HERC, Sec-4, Bays No. 33-36, Panchkula, Haryana Email ID : eo@nic.in Contact No. - +91(172)2572299		



DAKSHIN HARYANA BIJLI VITRAN NIGAM
(A Govt. of Haryana Undertaking)
Website: www.dhbvn.org.in
Electricity Bill

Duplicate Bill



Account No: 5846041132

Name: GURGAON REALTECH LTD		Account No: 5846041132	Net Payable Amount on or before Due Date (₹): 3907448.00
Address: NEAR TATA PRIMANTI, FAZILPUR, SEC-72, GURUGRAM, GURUGRAM, HR-122001, IND		Old Acct No: 12227HTUAOZW0002	Due Date: 16/08/2021
Circle: GURUGRAM CIRCLE-2		K No:	Surcharge (₹): 56621.00
Cycle/Group: AOZWRHTU	Issue Date: 06/08/2021	Gross Amount Payable After Due Date (₹): 3964069.00	
Division: SUB URBAN GURUGRAM	Bill Month: AUG/2021	Bill No: 584805177918	
Sub Division: G27-Sohna Road			

User Id: reportus Generated On: 07-08-2021 01:30:41

Meter No.	Meter Reading Date		Period Days	MDI	Unit	Meter Reading		M.F.	Consumed Units	Billed Units	Bill Basis	Read Rmrk	Mtr Sta
	Old	New				Old	New						
HRT88452	01/07/2021	01/08/2021	31	0.00	kWh	235389	260070	20	493620	493620	OK	OK	A
TT88452	01/07/2021	01/08/2021	31	1864.00	KVAh	235523	260210	20	493740	493740	OK	OK	A

Arrears Outstanding for the Financial Year (₹)				Slab Calculation			Connection Details			
Description	Previous	Current	Total (₹)	Unit	Rate	Amount (₹)	Tariff Category	NDS		
SOP Charges	0.00	0.00	0.00	493740	6.750	3332745.00	Flats in BS (DS)	1		
F.S.A.	0.00	0.00	0.00	Total			Supply Voltage (kV)	11.00 kV		
Surcharge	0.00	49171.00	49171.00	Applicable Tariff on Read Date:			Sanctioned Load (kW)	4000.00		
E. Duty	0.00	0.00	0.00				MMC (₹)	10562000.00		
M. Tax	0.00	0.00	0.00				Cons. Security (₹)	3030.00		
Fixed Charges	0.00	0.00	0.00				Meter Security (₹)	Nigam meter		
Excess Credit	0.00	-49170.83	-49170.83				Meter Ownership/MDI Meter	Secure Meter Ltd. / MTR		
Total Arrear	0.00	0.17	0.17				Meter Make/Meter Type			

Details of Charges for Current Cycle		Details of Amount Payable		Last Payment Details				
Description	Amount (₹)	Description	Amount (₹)	Amount (₹)				
Fixed Charges	552273.73	Current Cycle Charges	4300467.22	3429980.00				
Energy Charges	3332745.00	Arrears Outstanding Dues	0.17	584604101466				
MMC/FC for Reconnection	0.00	Sundry Charges/Allowances	147425.61/-	20/07/2021				
Amount to cover MMC	0.00	Provisional Adjustment/BR Ad.	491273.90	Mode of Payment				
Fuel Surcharge Adjustment	182639.40	LPS Adjustment	0.00	Previous Consumption Pattern				
Reliability Charges	0.00	Other Non-Energy Charges	0.00	Bill month	Units (KWh)	Units (KVAh)	MDI	Status
Excess Load Surcharge	0.00	Net Payable Amount On Or Before Due Date (₹)	3907448.00	Feb-2021	271940	271940	512	OK
Transformer Surcharge	0.00	Surcharge (₹)	56621.00	Mar-2021	263940	263940	784	OK
Meter Service Charges	93.93	Gross Amount Payable After Due Date (₹)	3964069.00	Apr-2021	365820	365820	1000	OK
Line Service Charges	0.00	Brief details of Sundry charges/allowances		May-2021	374680	374700	1488	OK
Capacitor Service Charges	0.00	Transfer Adjustment from Over Payment		Jun-2021	242800	242800	1008	OK
Solar Rebate /Prepaid Rebate	0.00/0.00	Transfer Adjustment from Over Payment		Jul-2021	371680	371740	1776	OK
Govt. Subsidy	0.00	Security Deposit Interest		In case of bill is not paid within 7 days of due date the supply shall be liable to be disconnected without any further notice.				
Electricity Duty	49362.00	Date from which bill other than "OK" is being issued:		Reason:				
Municipal Tax	83353.16	Total Current Cycle Charges (₹)		4300467.22				

DD to be drawn in favour of **SDO, G27-Sohna Road, DHBVN GURUGRAM**

Important Information for consumers:
Payment of this bill can be made online by logging on the Website: www.dhbvn.org.in at any time and at office counter on all working days during working hours i.e. 09:00AM to 05:00PM.
This Bill be considered as a notice under section 56 of The Electricity Act 2003. Kindly pay the bill by due date. In case of default the connection is liable to be disconnected after 15 days of due date.

Address and Telephone Number(s) of the authorities relating to consumers grievances		Address & Telephone number(s) of the		For all type of complaints call at: 18001804334 (Toll Free)
Grievance pertaining to this bill can be lodged with Assistant General Manager Operation G27-Sohna Road	Consumer Grievance Redressal Forum		Ombudsman	



DAKSHIN HARYANA BILJI VITRAN NIGAM
(A Govt. of Haryana Undertaking)
Website: www.dhbvn.org.in
Electricity Bill

Duplicate Bill



Account No: 5846041132

Name: GURGAON/REALTECH LTD		Account No: 5846041132	Net Payable Amount on or before Due Date (₹): 3380818.00
Address: NEAR TATA PRIMANTI, FAZILPUR, SEC-72, GURUGRAM, GURUGRAM, HR-122001, IND		Old Acct No: 12227HTUAOZW0002	Due Date: 18/07/2021
Circle: GURUGRAM CIRCLE-2	Cycle/Group: AOZWH/U	K No:	Surcharge(₹): 49171.00
Division: SUB URBAN GURUGRAM	Issue Date: 06/07/2021	Gross Amount Payable After Due Date(₹): 3429989.00	
Sub Division: G27-Sohna Road	Bill Month: JUL/2021	Bill No: 584600906597	

Net Payable Amount in words: Thirty Three Lakh Eighty Thousand Eight Hundred Eighteen Rupees Only

User Id.: roporius Generated On:- 07-07-2021 01:32:55

Meter No.	Meter Reading Date		Period Days	MDI	Unit	Meter Reading		M.F.	Consumed Units	Billed Units	Bill Basis	Read Rmrk	Mtr Sta
	Old	New				Old	New						
HRT88452	01/06/2021	01/07/2021	30	0.00	kWh	216805	235389	20	371680	371680	OK	OK	A
HRT88452	01/06/2021	01/07/2021	30	1768.00 (KVA)	kVAh	216936	235523	20	371740	371740	OK	OK	A

L	Description	Previous	Current	Total (₹)	Slab Calculation			Connection Details		
					Unit	Rate	Amount (₹)	Tariff Category		
	SOP Charges	0.00	0.00	0.00	371740	8.750	2609245.00	Flats in BS (DS)	NDS	
	F.S.A.	0.00	0.00	0.00	Total		2509245.00	Supply Voltage(kV)	11.00 kV	
	Surcharge	0.00	0.00	0.00	Applicable Tariff on Read Date:			Sanctioned Load (kW)	4000.00	
	E. Duty	0.00	0.00	0.00				MMC(₹)	0.00	
	M. Tax	0.00	0.05	0.05				Cons. Security (₹)	10562000.00	
	Fixed Charges	0.00	0.00	0.00				Meter Security (₹)	3030.00	
	Excess Credit	0.00	0.00	0.00				Meter Ownership/MDI Meter	Nigam meter/	
	Total Arrear	0.00	0.05	0.05				Meter Make/Meter Type	Secure Meter Ltd. /HT-MTR	

Details of Charges for Current Cycle		Details of Amount Payable		Last Payment Details				
Description	Amount (₹)	Description	Amount (₹)	Amount (₹)				
Fixed Charges	631232.84	Current Cycle Charges	3380818.12		2453004.00			
Energy Charges	2509245.00	Arrears/Outstanding Dues	0.05	Receipt No	584604152792			
MMC/FC for Reconnection	0.00	Sundry Charges/Allowances	0.00/0.00	Receipt Date	18/08/2021			
Amount to cover MMC	0.00	Provisional Adjustment/BR Adj.	0.00	Mode of Payment				
Fuel Surcharge Adjustment	137521.60	EPS Adjustment	0.00	Previous Consumption Pattern				
Reliability Charges	0.00	Other Non-Energy Charges	0.00	Bill month	Units (KWH)	Units (KVAH)	MDI	Status
Excess Load Surcharge	0.00	Net Payable Amount	3380818.00	Jan-2021	271600	271600	624	OK
Capex Surcharge	0.00	On Or Before Due Date	49171.00	Feb-2021	271940	271940	512	OK
Meter Service Charges	99.90	Surcharge(₹)	3429989.00	Mar-2021	263940	263940	784	OK
Line Service Charges	0.00	Gross Amount Payable After Due Date(₹)		Apr-2021	365620	365620	1000	OK
Capex Service Charges	0.00			May-2021	374680	374700	1488	OK
Self-Install/Prepaid	0.00/0.00			Jun-2021	242800	242800	1008	OK
Govt. Subsidy	0.00	Brief details of Sundry charges /allowances		In case of bill is not paid within 7 days of due date the supply shall be liable to be disconnected without any further notice.				
Electricity Duty	37168.00			Date from which bill other than "OK" is being issued: Reason:				
Municipal Tax	65559.98							
Total Current Cycle Charges (₹)	3380818.12							

DD to be drawn in favour of **SDO G27-Sohna Road, DHBVN, GURUGRAM**

Important information for consumers:
Payment of this bill can be made online by logging on the Website: www.dhbvn.org.in at any time and at office counter on all working days during working hours i.e. 09:00AM to 05:00PM.
This bill is considered as a notice under section 56 of The Electricity Act 2003. Kindly pay the bill by due date. In case of default the connection is liable to be disconnected after 15 days of due date.

Grievance pertaining to this bill can be lodged with	Address and Telephone Number(s) of the authorities relating to consumers grievances		
	Address & Telephone number(s) of the		For all type of complaints call at:
Assistant General Manager Operation - G27-Sohna Road	Consumer Grievance-Redressal Forum	Ombudsman	18001804334 (Toll Free)
	HETRI HOUSE, GURUGRAM	HERC, Sec-4, Bays No. 33-36, Panchkula, Haryana Email ID: eo@nic.in Contact No. - +91(172)2572288	1800 180 2124 (Vigilance Toll Free)

DAKSHIN HARYANA BIJLI VITRAN NIGAM
(A Govt. of Haryana Undertaking)



DAKSHIN HARYANA BIJLI VITRAN NIGAM
(A Govt. of Haryana Undertaking)
Website: www.dhbvn.org.in
Electricity Bill

Duplicate Bill



Account No: 5846041132

5 8 4 6 0 4 1 1 3 2 2 4 5 3 0 0 4 1 6 0 6 2 0 2 1 2 4 8 8 7 2 1

Name: GURGAON REALTECH LTD		Account No: 5846041132	Net Payable Amount on or before Due Date (₹): 2453004.00
Address: NEAR TATA PRIMANTI, FAZILPUR, SEC-72, GURUGRAM, GURUGRAM, HR-122001, IND		Old Acct No: 12227HTUAOZW0002	Due Date: 18/06/2021
Circle : GURUGRAM CIRCLE-2		K No:	Surcharge(₹): 35717.00
Cycle/Group: AOZW/HTU	Issue Date: 08/06/2021	Gross Amount Payable After Due Date(₹): 2488721.00	
Division: SUB URBAN GURUGRAM	Bill Month: JUN/2021	Bill No: 584601954173	
Sub Division: G27-Sohna Road	Net Payable Amount in words: Twenty Four Lakh Fifty Three Thousand Four Rupees Only		

User Id:- reportus Generated On:- 09-06-2021 12:51:50

Meter and Read Details (* Latest MCO is shown in case of multiple MCO in one billing cycle)

Meter No.	Meter Reading Date		Period Days	MDI	Unit	Meter Reading		M.F.	Consumed Units	Billed Units	Bill Basis	Read Rmrk	Mts
	Old	New				Old	New						
HRT88452	01/05/2021	01/06/2021	31	0.00	kWh	204665	216805	20	242800	242800	OK	OK	A
HRT88452	01/05/2021	01/06/2021	31	1008.00	kVAh	204796	216936	20	242800	242800	OK	OK	A

Arrears Outstanding for the Financial Year (₹)				Slab Calculation			Connection Details		
Description	Previous	Current	Total (₹)	Unit	Rate	Amount (₹)	Tariff Category		
SOP Charges	0.00	0.00	0.00	242800	6.750	1638900.00	Flats in BS (DS)	NDS	
F.S.A.	0.00	0.00	0.00	Total		1638900.00	Supply Voltage(kV)	11.00 kV	
Surcharge	0.00	0.00	0.00	Applicable Tariff on Read Date:			Sanctioned Load (kW)	4000.00	
E. Duty	0.00	0.00	0.00				MMC(₹)	0.00	
M. Tax	0.00	0.20	0.20				Cons. Security (₹)	10562000.00	
Fixed Charges	0.00	0.00	0.00				Meter Security (₹)	3030.00	
Excess Credit	0.00	0.00	0.00				Meter Ownership/MDI Meter	Nigam meter	
Total Arrear	0.00	0.20	0.20				Meter Make/Meter Type	Secure Meter Ltd. /HT-MTR	

Details of Charges for Current Cycle		Details of Amount Payable		Last Payment Details				
Description	Amount (₹)	Description	Amount (₹)	Amount(₹)				
Fixed Charges	652273.73	Current Cycle Charges	2453003.85		3402630.00			
Energy Charges	1638900.00	Arrears/Outstanding Dues	0.20	Receipt No	584604168577			
MMC/FC for Reconnection	0.00	Sundry Charges/Allowances	0.00/0.00	Receipt Date	17/05/2021			
Amount to cover MMC	0.00	Provisional Adjustment/BR Adj.	0.00	Mode of Payment				
Fuel Surcharge Adjustment	89836.00	LPS Adjustment	0.00	Previous Consumption Pattern				
Reliability Charges	0.00	Other Non-Energy Charges	0.00	Bill month	Units (KWH)	Units (KVAH)	MDI	Status
Excess Load Surcharge	0.00	Net Payable Amount	2453004.00	Dec-2020	243120	243120	768	OK
Capacitor Surcharge	0.00	On Or Before Due Date(₹)		Jan-2021	271600	271600	624	OK
Meter Service Charges	93.93	Surcharge(₹)	35717.00	Feb-2021	271940	271940	512	OK
Line Service Charges	0.00	Gross Amount Payable After		Mar-2021	263940	263940	784	OK
Capacitor Service Charges	0.00	Due Date(₹)	2488721.00	Apr-2021	365620	365620	1000	OK
Solar Rebate /Prepaid Rebate	0.00/0.00	Brief details of Sundry charges /allowances		May-2021	374680	374700	1489	OK
Govt. Subsidy	0.00			In case of bill is not paid within 7 days of due date the supply shall be liable to be disconnected without any further notice.				
Electricity Duty	24280.00			Date from which bill other than "OK" is being issued: Reason:				
Municipal Tax	47620.19							
Total Current Cycle Charges (₹)	2453003.85							

DD to be drawn in favour of SDO G27-Sohna Road , DHBVN , GURUGRAM

Payment of this bill can be made online by logging on the Website: www.dhbvn.org.in at any time and at office counter on all working days during working hours i.e. 09:00AM to 05:00PM.

Important Information for consumers: This Bill be considered as a notice under section 50 of The Electricity Act 2003. Kindly pay the bill by due date. In case of default the connection is liable to be disconnected after 15 days of due date

Address and Telephone Number(s) of the authorities relating to consumers grievances			
Grievance pertaining to this bill can be lodged with		Address & Telephone number(s) of the	
Assistant General Manager Operation - G27-Sohna Road	Consumer Grievance Redressal Forum	Onkudaman	For all type of complaints call at:
	HETRI HOUSE, GURUGRAM	HERC, Sec-4, Bays No. 33-36, Panchkula, Haryana Email ID: ocr@nic.in Contact No. - 011(172)2572209	18001804334 (Toll Free) 1800 180 2124 (Vigilance Toll Free)



Electricity Bill

Duplicate Bill



Account No: 5848041132

Name: GURGAON REALTECH LTD		Account No: 5848041132	Net Payable Amount on or before Due Date (₹): 3402630.90
Address: NEAR TATA PRIMANTI, FAZLIPUR, SLC-72, GURUGRAM, GURUGRAM, HR-122001, IND		Old Acct No: 12227HTUAOZW0002	Due Date: 17/05/2021
Circle: GURUGRAM CIRCLE-2		K No	Surcharge(₹): 40488.00
Cycle/Group: AQZWIHTU	Issue Date: 08/05/2021	Gross Amount Payable After Due Date(₹): 3452118.00	
Division: SUB URBAN GURUGRAM	Bill Month: MAY/2021	Bill No: 584803046114	
Sub Division: G27-Sohna Road	Net Payable Amount in words: Thirty Four Lakh Two Thousand Six Hundred Thirty Rupees Only		

User Id - reportus Generated On - 07-05-2021 11:29:01

Meter and Read Details (* Latest MCO is shown in case of multiple MCO in one billing cycle)

Meter No.	Meter Reading Date		Period Days	MDI	Unit	Meter Reading		M.F.	Consumed Units	Billed Units	Bill Beats	Read Rmkt	Mtr Sta
	Old	New				Old	New						
HRT88452	01/04/2021	01/05/2021	30	0.00	kWh	18503	204665	20	374680	374680	OK	OK	A
HRT88452	01/04/2021	01/05/2021	30	1488.00 (KVA)	KVAh	180061	204798	20	374700	374700	OK	OK	A

Arrears Outstanding for the Financial Year (₹)

Description	Previous	Current	Total (₹)
SOP Charges	0.00	0.00	0.00
F.S.A.	0.00	0.00	0.00
Surcharge	0.00	0.00	0.00
E Duty	0.00	0.00	0.00
M. Tax	0.00	0.28	0.28
Fixed Charges	0.00	0.00	0.00
Excess Credit	0.00	0.00	0.00
Total Arrear	0.00	0.28	0.28

Slab Calculation

Unit	Rate	Amount (₹)
374700	6.750	2529225.00
Total		2529225.00

Applicable Tariff on Read Data

Connection Details

Tarif Category	NDS
Flats in BS (DS)	1
Supply Voltage(kV)	11.00 kV
Sanctioned Load (kW)	4000.00
MMC(₹)	0.00
Cons. Security (₹)	10562000.00
Meter Security (₹)	3030.00
Meter Ownership/MDI Meter	Nigam meter
Meter Make/Meter Type	Secura Meter Ltd. RHT-MTR

Details of Charges for Current Cycle

Details of Amount Payable

Last Payment Details

Description	Amount (₹)	Description	Amount (₹)	Amount (₹)	3384281.00			
Fixed Charges	631232.84	Current Cycle Charges	3402629.92	Receipt No	584804183809			
Energy Charges	2529225.00	Arrears/Outstanding Dues	0.28	Receipt Date	12/04/2021			
MMC/FC for Reconnection	0.00	Sundry Charges/Allowances	0.00/0.00	Mode of Payment				
Amount to cover MMC	0.00	Provisional Adjustment/BR Adj.	0.00	Previous Consumption Pattern				
Fuel Surcharge Adjustment	138631.60	LPS Adjustment	0.00	Bill month	Units (KWH)	Units (KVAH)	MDI	Status
Reliability Charges	0.00	Other Non-Energy Charges	0.00	Nov-2020	348060	348060	1200	OK
Excess Load Surcharge	0.00	Net Payable Amount	3402630.00	Dec-2020	243120	243120	768	OK
Capacitor Surcharge	0.00	On Or. Before Due Date(₹)	3402630.00	Jan-2021	271800	271800	824	OK
Meter Service Charges	90.90	Surcharge(₹)	49488.00	Feb-2021	271840	271940	512	OK
Line Service Charges	0.00	Gross Amount Payable After Due Date(₹)	3452118.00	Mar-2021	263940	263940	784	OK
Capacitor Service Charges	0.00	Brief details of Sundry charges /allowances		Apr-2021	355820	355820	1000	OK
Solar Rebate /Prepaid Rebate	0.00/0.00			In case of bill is not paid within 7 days of due date the supply shall be liable to be disconnected without any further notice.				
Govt. Subsidy	0.00			Date from which bill other than "OK" is being issued: Reason:				
Electricity Duty	37468.00							
Municipal Tax	65981.78							
Total Current Cycle Charges (₹)	3402629.92							

DD to be drawn in favour of SDO,G27-Sohna Road , DHBVN , GURUGRAM

Important Information for consumers:

Payment of this bill can be made online by logging on the Website: www.dhbvn.org.in at any time and at office counter on all working days during working hours i.e. 09:00AM to 05:00PM.

This Bill be considered as a notice under section 58 of The Electricity Act 2003. Kindly pay the bill by due date in case of default the connection is liable to be disconnected after 15 days of due date

Address and Telephone Number(s) of the authorities relating to consumers grievances

Grievance pertaining to this bill can be lodged with	Address & Telephone number(s) of the		For all type of complaints call at:
Assistant General Manager Operation G27-Sohna Road	Consumer Grievance Redressal Forum	Ombudsman	18001804334 (Toll Free)
	HETRI HOUSE, GURUGRAM	HERC, Sec-4, Bays No. 33-38, Panchkula, Haryana Email ID : eo@nic.in Contact No. - +91(172)2572299	1800 180 2124 (Vigilance Toll Free)

Annexure-XVIII

Copy of Structural Stability Certificate

FORM BR-V (A2)

[See Rule 38(xxix-a) and 39(l)(g), para 2(d) of Form BR-I, 47(2) 47(2)]

Certificate of conformity to rules and structural safety for Buildings other than and Commercial Buildings upto 14.5 metres height

Certificate to be submitted along with the building application in Form BR-I duly signed by the Architect and Structural Engineer and the Proof consultant.

Detail of the building for which the certificate is issued

Commercial Colony, Sector - 72, City/Town - Gurgaon.

Name of the owner: M/S GURGAON CONSTRUCTWELL PVT. LTD.,
M/S GURGAON REALTECH LTD.,
M/S ARROW INFRAESTATE PVT. LTD.

Complete address of the owner: JMD Garden, Flat No - 601, Tower - Q, Sector - 33, Sohna Road, Gurgaon.

A. Building Plan:

- (i) Name of Architect: Jagtap Pavan Prakash
- (ii) Council of Architect Registration No. CA/2009/46233, valid upto 31.12.2020.
- (iii) Complete Address - 4, LGF, Vasant Plaza, Aruna Asaf Ali Road, Vasant Kunj, New Delhi - 110070

B. Structural Design:

- (i) Name of Engineer : Sanjeev Jain
- (ii) Registration No. - A528893-2 (Institution Of Engineers)
- (iii) Qualifications and experience - BE(CIVIL); MS(STRUCTURES) USA
- (iv) Complete Address: I-1738, LGF, Chittranjan Park, New Delhi - 110019

Certificate

It is hereby certified that the plans submitted in Form BR-I for the building detailed above, are in accordance with the Punjab Scheduled Roads and Controlled Areas Restriction of Unregulated Development Rules. 1965, as amended from time to time and the approved zoning plan of the plot. The structure has been designed in accordance with the provisions of the National Building Code and the relevant Indian Standard Codes (with latest amendments) including Indian Standard Codes for structures resistant to earthquakes and other natural hazards. The local soil conditions, its load bearing capacity and the underground water table etc. have been kept in view while designing the same.

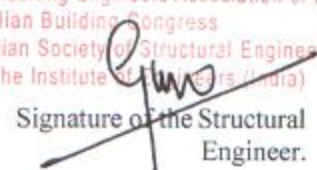
Dated _____



JAGTAP PAVAN PRAKASH
ARCHITECT -
CA/2009/46233

Signature of Owner **4, LGF, Vasant Plaza, Aruna Asaf Ali Road**
Vasant Kunj, New Delhi-110070

SANJEEV JAIN
BE (Civil), MS (Structures) USA
Fellow Indian Association of Structural Engineers
Member Consulting Engineers Association of India
Member Indian Building Congress
Member Indian Society of Structural Engineers
Associate The Institute of Engineers (India)



Signature of the Structural Engineer.

The structural design has been checked by me and has been found to be in order. The design is in accordance with the provisions of the National Building Code and the relevant Indian Standard Codes (with latest amendments) including Indian Standard Codes for structures resistant to earthquakes and other natural hazards. The local soil conditions, its load bearing capacity and the underground water table etc. have been kept in view while designing the same.

Dated _____

T. D. ANEJA
M.E. (Structural Engg.)
IE (I) Regn. No. F109427-7

Signature of Proof consultant.

Annexure-XIX

Photographs of waste collection bins

Photographs of Bins



Annexure-XX

**Copy of CSR fund approval for
Badshapur Corridor Development**

TATA REALTY AND INFRASTRUCTURE LIMITED

INTER OFFICE MEMO

Project: Badshapur Corridor Development


Date: 19th October 2018

Sub: CSR Fund Approval for the Badshapur Corridor Development.

There is a covered drain aside the TRIL Centre Property, the MCG (Municipal Corporation Gurugram) has made plan for beautification for Green Corridor. There was a meeting held in MCG office and they have put the proposal for beautification and asked for contribution from the nearby developers. In line of above, we TRIL and Tata Housing has committed to them that we would develop the patch near to our property.

TATA Housing team has worked out the plan and made estimate of amounting Rs. 1.60 Cr plus taxes. (annexure attached) We proposed the amount Rs. 1.60 Cr. Approval from Management and cost will be shared equally between THDC & TRIL.

Therefore, we seek your approval for the CSR activity fund and transfer to Haryana Govt on account of TRIL CSR activity

Recommended by			
Name	Karun Singh	Jayanta Roy	Hari - Govind
Designation	Sr. Manager -Projects	Project-Head	Portfolio -Head
Approved By			
	Prakash Patil	Sanjay Sharma	Sanjay Dutt
	VP-Real Estate	CFO	MD & CEO