

# PACIFIC RETAIL CENTERS (INDIA) PRIVATE LIMITED

Registered Office: Ground Floor-42, Pacific Mall, Tagore Garden, Najafgarh Road, New Delhi-110018

CIN: U52100DL2007PTC162863, Tel Ph.: 011 40903000

Email id - info@pacificindia.in

Date: 30.12.2024

To,  
The Joint Director,  
Ministry of Environment, Forest & Climate Change  
Regional Office (NZ), Bays No. 24-25,  
Sector 31A, Dakshin Marg,  
Chandigarh- 160030

Ref No: SEIAA/HR/2019/298 dated-06<sup>th</sup> September, 2019.



Subject: Submission of six monthly compliance report towards Environmental clearance no SEIAA/HR/2019/298 dated-06<sup>th</sup> September, 2019 for Shopping mall cum Multiplex with Modern Bus terminal NIT, Faridabad, Haryana under M/S Pacific Retail Centers (I) Pvt.Ltd.

Dear Sir,

With reference to your above referred letter, We hereby submitting the six monthly compliances report along with all the require documents of Environmental clearance no. SEIAA/HR/2019/298 dated-06<sup>th</sup> September, 2019 for Shopping mall cum Multiplex with Modern Bus terminal NIT, Faridabad, Haryana under M/S Pacific Retail Centers (I) Pvt.Ltd.

Thanking you,

Yours sincerely,  
M/s Pacific Retail Centers (I) Pvt. Ltd.

  
(Authorized Signatory)  


ED7285893251N 1VR:69AR728589325  
SP C R R I SO SOUTH DELHI <110018>  
Counter No:1,30/12/2024,13:50  
To:THE JOINT DIRECTOR,NDEF & CC  
PIN:160030, Sector 30 Chandigarh SO  
From:M/S PACIFIC DEV , CORP LTD.,  
Wt:30gms  
Amt:41.30,Tax:6.30,Amt.Paid:41.00(Cash)  
<Track on www.indiapost.gov.in>  
<Dial 18007666868> <Wear Masks, Stay Safe>

**Enclosed: Soft copy of six monthly compliance report in the form of CD.**

# “COMPLIANCE REPORT”

## “Dec-2024”

Environment Clearance Letter No: SEIAA/HR/2019/298, issued dated 06.09.2019  
FROM State Environment Impact Assessment Authority, Haryana



### MODERN BUS TERMINAL WITH COMMERCIAL CUM MULTIPLEX NIT

Bus Terminal at KL MEHTA ROAD, NH-2, NIT  
FARIDABD, HARYANA by Concessionaire  
M/s Pacific Retail Centres (I) Pvt. Ltd.

**EC No: SEIAA/HR/2019/298, issued dated 06.09.2019**

**Details of Project**

<b>Name of Project</b>	:	<b>Modern Bus Terminal with Commercial cum Multiplex</b>
<b>Address of the Project</b>	:	<b>Bus Terminal at KL MEHTA ROAD, NH-2, NIT FARIDABD, HARYANA by Concessionaire M/s Pacific Retail Centres (I) Pvt. Ltd.</b>

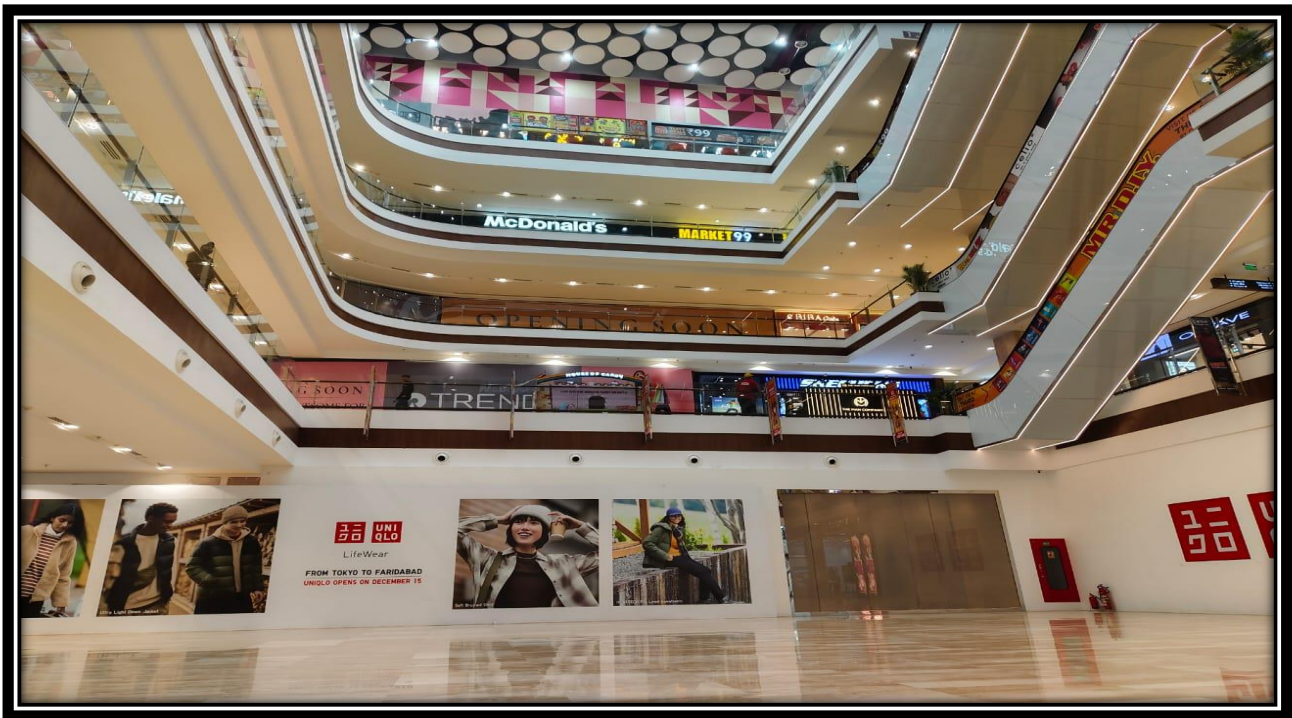
**Details of Nodal Officer**

<b>Name of Nodal Officer (Project Co-coordinator)</b>	:	<b>Mr. Sanjay Bafna</b>
<b>Address of the Nodal Officer</b>	:	<b>Bus Terminal at KL MEHTA ROAD, NH-2, NIT FARIDABD, HARYANA by Concessionaire M/s Pacific Retail Centres (I) Pvt. Ltd.</b>
<b>Contact Number of the Nodal Officer</b>	:	<b>9717119500</b>

**Details of Site Incharge**

<b>Name of Site Incharge</b>	:	<b>Mr. Shiv Partap</b>
<b>Address of the Nodal Officer</b>	:	<b>Bus Terminal at KL MEHTA ROAD, NH-2, NIT FARIDABD, HARYANA by Concessionaire M/s Pacific Retail Centres (I) Pvt. Ltd.</b>
<b>Contact Number of the Nodal Officer</b>	:	<b>7303491049</b>

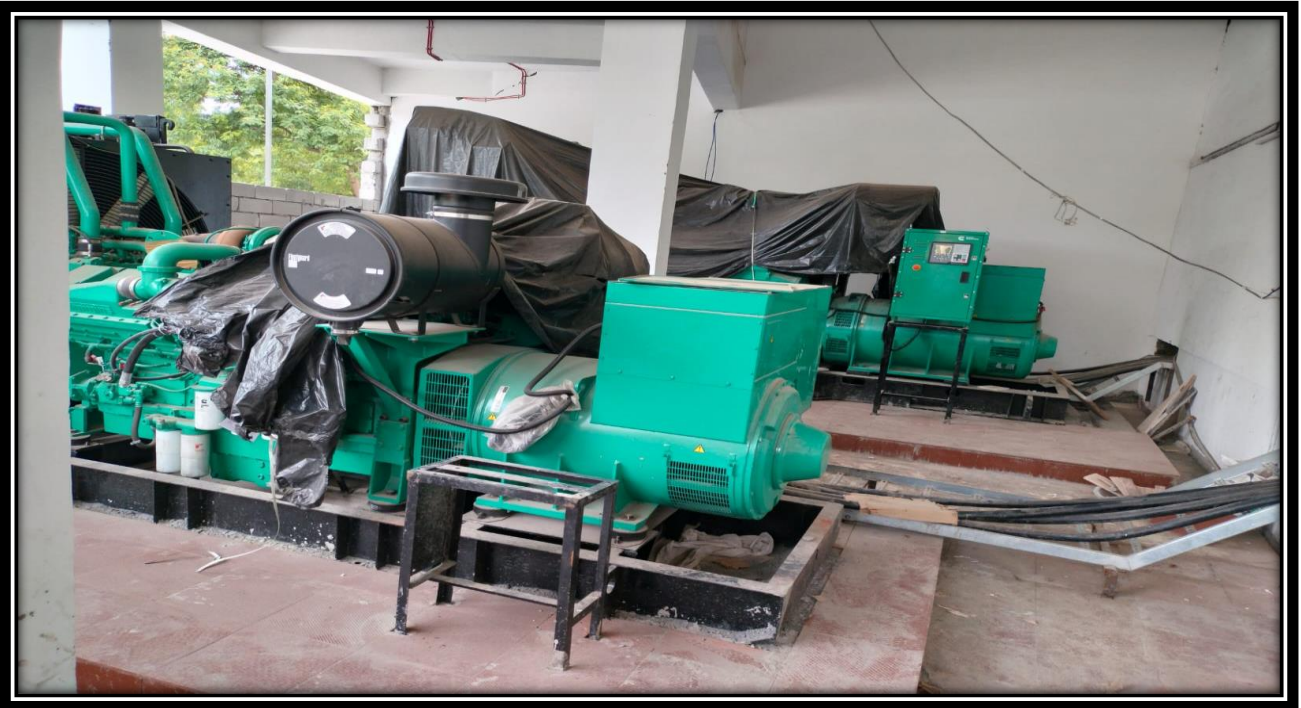
## Details of Building Photographs



## Details of Building Photographs



## Photographs of DG Set





## Photographs of Rain Water Harvesting Pit



## Photographs of STP



## Photographs of Solar Energy



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

No. SEIAA/HR/2019/298

Dated: 6.11.2019.

To

✓ M/S PACIFIC RETAIL CENTERS (I) PVT. LTD.  
Ground Floor-42, Pacific Mall, West Delhi-110018

Subject: Environment Clearance for Development of Modern Bus Terminal NIT,  
Faridabad, Haryana.

This letter is in reference to your application addressed to M.S. SEIAA, Haryana received on 08.05.2019 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 and additional clarifications furnished in response to the observations of the State Expert Appraisal Committee (SEAC) in its meeting held on 15.07.2019.

[2] It is inter-alia, noted that the project involves for Development of Modern Bus Terminal NIT, Faridabad, Haryana. The details of the project are given below:

Category	Area Statement
Gross Plot Area (Sq. Mt)	17611
Proposed Green Area (Sq. Mt.)	2646.93
Surface Parking	2350 SQ MT(101ECS)
Total Built up Area (Sq.Mt)	62787.387
No. of Floors/ Max. Height	9 floors( including 2 basement) /35 mts
Proposed Ground Coverage (Sq.Mt)	5,156.699
Expected Population/ Total	10486 persons
Total water requirement (KLD)	344
Fresh Water (KLD)	218
Treated Water (KLD)	294
Waste Water Generation (KLD)	300
Capacity of STP (KLD)	400
Treated Water Available for Reuse (KLD)	294
Surplus Treated Water	45 KLD in Summer Season ; 160 KLD in Winter Season; 85 KLD in Monsoon Season (Excess to adjoining Rose Garden, Faridabad for horticulture purpose)
RWH Pits	5
Total Parking (ECS)	872 ECS (814 cars, 357 Two wheelers & 20 buses)
Total Solid Waste (TPD)	2.7
Organic Waste (TPD)	1.2
Hazardous Waste	54

Sludge from STP (Kg/ Day)	117 kg/ day
OWC	3 Nos. of Mechanical Composter of size 500 kg/day
Power Requirement (KW)	2695 (3369 KVA)
DG Sets (KVA)	2 * 2000 and 1 * 750
No. of DG Sets	3
PM2.5/ Incremental	0.5
PM10/ Incremental	0.7
Project Cost	110.94 cr
CER	1.66 cr

[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 119<sup>th</sup> meeting held on 02.08.2019 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 with the following stipulations mentioned below:-

**A. Specific conditions:-**

1. The PP shall not allow the congestion of traffic inside and outside the terminal.
2. The PP shall not allow to deposit the oil and grease on the footpath and in the parking area.
3. The PP shall allow Separate Entry and Exit for the buses one way traffic.
4. The PP shall provide public rest rooms, drinking water, washrooms in the waiting area.
5. The water for the washing of buses shall be treated in the ETP.
6. Sewage shall be treated in the STP based on MBBR Technology with tertiary treatment i.e. Ultra Filtration. The Treated effluent from STP shall be recycled /reused for flushing. DG cooling, Gardening and HVAC.
7. The Project Proponent would devise a monitoring plan to the satisfaction of the State Pollution Control Board so as to continuously monitor the treated waste water being used for flushing in terms of faecal coli forms and other pathogenic bacteria.
8. The Project Proponents would commission a third party study on the implementation of conditions related to quality and quantity of recycle and reuse of treated water, efficiency of treatment systems, quality of treated water being supplied for flushing (specially the bacterial counts), comparative bacteriological studies from toilet seats using recycled treated waters and fresh waters for flushing, and quality of water being supplied through spray faucets attached to toilet seats.
9. Separate wet and dry bins must be provided in each unit and at ground level for facilitating segregation of waste. Solid Waste shall be segregated into wet garbage and inert materials. Wet Garbage shall be composted in Organic waste convertor. Adequate area shall be provided for solid waste management within the premises which will include area for segregation, composting. The inert waste from the project will be sent to dumping site.
10. Traffic management plan as submitted shall be implemented in letter and spirit. Apart, a detailed traffic management and traffic decongestion plan shall

be drawn up to ensure that the current level of service of the roads within a 05 kms radius of the project is maintained and improved upon after the implementation of the project. This plan should be based on cumulative impact of all development and increased habilitation being carried out or purpose to be carried out by the project or other agencies in this 05kms radius of the site in different scenarios of space and time.

11. The Project Proponent shall obtain all necessary clearance/permission from all relevant agencies including town planning authority before commencement of work. All the construction shall be done in accordance with the local building byelaws.
12. Consent to establish/operate for the project shall be obtained from the State Pollution Control Board as required under the Air (Prevention and Control of pollution) Act, 1981 and the Water (Prevention and control of pollution) Act, 1974.
13. The Approval of the Competent Authority shall be obtained for structural safety of building code due to earthquakes, adequacy of firefighting equipments etc. as per National Building Code including protection measures from lightening etc.
14. The PP shall obtain the permission regarding withdrawal of ground water from CGWA before the start of the project.
15. The PP shall carry out the quarterly social awareness programs for the stakeholders of the commercial colony/project.

**B. Statutory compliance:**

- [1] The project proponent shall obtain all necessary clearance/ permission from all relevant agencies including town planning authority for ground coverage, FAR and should be in accordance with zoning plan approved by Competent Authority before commencement of work. All the construction shall be done in accordance with the local building byelaws.
- [2] The approval of the Competent Authority shall be obtained for structural safety of buildings due to earthquakes, adequacy of firefighting equipment etc as per National Building Code including protection measures from lightening etc.
- [3] The project proponent shall obtain forest clearance under the provisions of Forest (Conservation) Act, 1986, in case of the diversion of forest land for non-forest purpose involved in the project.
- [4] The project proponent shall obtain clearance from the National Board for Wildlife, if applicable.
- [5] The project proponent shall obtain Consent to Establish/Operate under the provisions of Air (Prevention & Control of Pollution) Act, 1981 and the Water (Prevention & Control of Pollution) Act, 1974 from the Haryana State Pollution Control Board.
- [6] The project proponent shall obtain the necessary permission for drawl of ground water /surface water required for the project from the competent authority.
- [7] A certificate of adequacy of available power from the agency supplying power to the project along with the load allowed for the project should be obtained.
- [8] All other statutory clearances such as the approvals for storage of diesel from Chief Controller of Explosives, Fire Department, Civil Aviation Department shall be obtained, as applicable, by project proponents from the respective competent authorities.

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- [9] The provisions of the Solid Waste (Management) Rules, 2016, e-Waste (Management) Rules, 2016, and the Plastics Waste (Management) Rules, 2016 shall be followed.
- [10] The project proponent shall follow the ECBC Act/ECBC-Rules prescribed by Bureau of Energy Efficiency, Ministry of Power strictly in addition of bylaws of the State Government.

### **I. Air quality monitoring and preservation**

- i) Notification GSR 94(E) dated 25.01.2018 of MoEF&CC regarding Mandatory Implementation of Dust Mitigation Measures for Construction and Demolition Activities for projects requiring Environmental Clearance shall be complied with.
- ii) A management plan shall be drawn up and implemented to contain the current exceedance in ambient air quality at the site.
- iii) The project proponent shall install system to carryout Ambient Air Quality monitoring for common/criterion parameters relevant to the main pollutants released (e.g. PM10 and PM2.5) covering upwind and downwind directions during the construction period.
- iv) Diesel power generating sets proposed as source of backup power should be of enclosed type and conform to rules made under the Environment (Protection) Act, 1986. The height of stack of DG sets should be equal to the height needed for the combined capacity of all proposed DG sets. Use of ultra low sulphur diesel. The location of the DG sets may be decided with in consultation with State Pollution Control Board
- v) Construction site shall be adequately barricaded before the construction begins. Dust, smoke & other air pollution prevention measures shall be provided for the building as well as the site. These measures shall include screens for the building under construction, continuous dust/ wind breaking walls all around the site (at least 3 meter height). Plastic/tarpaulin sheet covers shall be provided for vehicles bringing in sand, cement, murrum and other construction materials prone to causing dust pollution at the site as well as taking out debris from the site.
- vi) Sand, murrum, loose soil, cement, stored on site shall be covered adequately so as to prevent dust pollution.
- vii) Wet jet shall be provided for grinding and stone cutting.
- viii) Unpaved surfaces and loose soil shall be adequately sprinkled with water to suppress dust.
- ix) All construction and demolition debris shall be stored at the site (and not dumped on the roads or open spaces outside) before they are properly disposed. All demolition and construction waste shall be managed as per the provisions of the Construction and Demolition Waste Rules 2016.
- x) The diesel generator sets to be used during construction phase shall be ultra low sulphur diesel type and shall conform to Environmental (Protection) prescribed for air and noise emission standards.
- xi) The gaseous emissions from DG set shall be dispersed through adequate stack height as per CPCB standards. Acoustic enclosure shall be provided to the DG sets to mitigate the noise pollution. Ultra low sulphur diesel shall be used. The location of the DG set and exhaust pipe height shall be as per the provisions of the Central Pollution Control Board (CPCB) norms.
- xii) For indoor air quality the ventilation provisions as per National Building Code of India.

### **II. Water quality monitoring and preservation**

- i) The natural drain system should be maintained for ensuring unrestricted flow of water. No construction shall be allowed to obstruct the natural drainage through the site, on wetland and water bodies. Check dams, bio-swales, landscape, and other sustainable urban drainage systems (SUDS) are allowed for maintaining the drainage pattern and to harvest rain water.
- ii) Buildings shall be designed to follow the natural topography as much as

- possible. Minimum cutting and filling should be done.
- iii) Total fresh water use shall not exceed the proposed requirement as provided in the project details.
  - iv) The quantity of fresh water usage, water recycling and rainwater harvesting shall be measured and recorded to monitor the water balance as projected by the project proponent. The record shall be submitted to the Regional Office, MoEF&CC along with six monthly Monitoring reports.
  - v) A certificate shall be obtained from the local body supplying water, specifying the total annual water availability with the local authority, the quantity of water already committed the quantity of water allotted to the project under consideration and the balance water available. This should be specified separately for ground water and surface water sources, ensuring that there is no impact on other users.
  - vi) At least 20% of the open spaces as required by the local building bye-laws shall be pervious. Use of Grass pavers, paver blocks with at least 50% opening, landscape etc. would be considered as pervious surface.
  - vii) Installation of dual pipe plumbing for supplying fresh water for drinking, cooking and bathing etc and other for supply of recycled water for flushing, landscape irrigation, car washing, thermal cooling, conditioning etc. shall be done.
  - viii) Use of water saving devices/ fixtures (viz. low flow flushing systems; use of low flow faucets tap aerators etc) for water conservation shall be incorporated in the building plan.
  - ix) Separation of grey and black water should be done by the use of dual plumbing system. In case of single stack system separate recirculation lines for flushing by giving dual plumbing system be done.
  - x) Water demand during construction should be reduced by use of pre-mixed concrete, curing agents and other best practices referred.
  - xi) The local bye-law provisions on rain water harvesting should be followed. If local byelaw provision is not available, adequate provision for storage and recharge should be followed as per the Ministry of Urban Development Model Building Byelaws, 2016. 05 Rain water harvesting recharge pits shall be provided for ground water recharging as per the CGWB norms.
  - xii) A rain water harvesting plan needs to be designed where the recharge bores of minimum one recharge bore per 5,000 square meters of built up area and storage capacity of minimum one day of total fresh water requirement shall be provided. In areas where ground water recharge is not feasible, the rain water should be harvested and stored for reuse. The ground water shall not be withdrawn without approval from the Competent Authority.
  - xiii) All recharge should be limited to shallow aquifer.
  - xiv) No ground water shall be used during construction phase of the project.
  - xv) Any ground water dewatering should be properly managed and shall conform to the approvals and the guidelines of the CGWA in the matter. Formal approval shall be taken from the CGWA for any ground water abstraction or dewatering.
  - xvi) The quantity of fresh water usage, water recycling and rainwater harvesting shall be measured and recorded to monitor the water balance as projected by the project proponent. The record shall be submitted to the Regional Office, MoEF&CC along with six monthly Monitoring reports.
  - xvii) Sewage shall be treated in the STP with tertiary treatment. The treated effluent from STP shall be recycled/re-used for flushing, AC make up water and gardening. As proposed, no treated water shall be disposed in to municipal drain.
  - xviii) No sewage or untreated effluent water would be discharged through storm water drains.
  - xix) Onsite sewage treatment of capacity of treating 100% waste water to be installed. The installation of the Sewage Treatment Plant (STP) shall be certified by an independent expert and a report in this regard shall be submitted to the Ministry before the project is commissioned for operation.

Treated waste water shall be reused on site for landscape, flushing, cooling tower, and other end-uses. Excess treated water shall be discharged as per statutory norms notified by Ministry of Environment, Forest and Climate Change. Natural treatment systems shall be promoted.

- xx) Periodical monitoring of water quality of treated sewage shall be conducted.
- xxi) Necessary measures should be made to mitigate the odour problem from STP.
- xxii) Sludge from the onsite sewage treatment, including septic tanks, shall be collected, conveyed and disposed as per the Ministry of Urban Development, Central Public Health and Environmental Engineering Organization (CPHEEO) Manual on Sewerage and Sewage Treatment Systems, 2013.

### III. Noise monitoring and prevention

- i) Ambient noise levels shall conform to residential area/commercial area both during day and night as per Noise Pollution (Control and Regulation) Rules, 2000. Incremental pollution loads on the ambient air and noise quality shall be closely monitored during construction phase. Adequate measures shall be made to reduce ambient air and noise level during construction phase, so as to conform to the stipulated standards by CPCB / SPCB.
- ii) Noise level survey shall be carried as per the prescribed guidelines and report in this regard shall be submitted to Regional Officer of the Ministry as a part of six-monthly compliance report.
- iii) Acoustic enclosures for DG sets, noise barriers for ground-run bays, ear plugs for operating personnel shall be implemented as mitigation measures for noise impact due to ground sources.

### IV. Energy Conservation measures

- i) Compliance with the Energy Conservation Building Code (ECBC) of Bureau of Energy Efficiency as per ECBC Act, 2017 read with ECBC Rules, 2018 shall be ensured. Buildings in the States which have notified their own ECBC, shall comply with the State ECBC also which is no case less than 25% as prescribed.
- ii) Outdoor and common area lighting shall be LED.
- iii) Concept of passive solar design that minimize energy consumption in buildings by using design elements, such as building orientation, landscaping, efficient building envelope, appropriate fenestration, increased day lighting design and thermal mass etc. shall be incorporated in the building design. Wall, window, and roof R & U-values shall be as per ECBC specifications.
- iv) Energy conservation measures like installation of CFLs/ LED for the lighting the area outside the building should be integral part of the project design and should be in place before project commissioning.
- v) Solar, wind or other Renewable Energy shall be installed to meet electricity generation equivalent to 1% of the demand load or as per the state level/ local building bye-laws requirement, whichever is higher.
- vi) Solar power shall be used for lighting in the apartment to reduce the power load on grid. Separate electric meter shall be installed for solar power. Solar water heating shall be provided to meet 20% of the hot water demand of the commercial and institutional building or as per the requirement of the local building bye-laws, whichever is higher. Residential buildings are also recommended to meet its hot water demand from solar water heaters, as far as possible.
- vii) The PP will submit report indicating compliance of each parameter of ECBC requirement and submit quantification saving report for each component.

### V. Waste Management

- i) A certificate from the competent authority handling municipal solid wastes, indicating the existing civic capacities of handling and their adequacy to cater to the M.S.W. generated from project shall be obtained.
- ii) Disposal of muck during construction phase shall not create any adverse effect on the neighboring communities and be disposed taking the necessary precautions for general safety and health aspects of people, only in approved sites with the approval of competent authority.
- iii) Separate wet and dry bins must be provided in each unit and at the ground

- level for facilitating segregation of waste. Solid waste shall be segregated into wet garbage and inert materials.
- iv) Organic Waste Converter within the premises with a minimum capacity of 0.5 kg /person/day must be installed. Leaves to be put in earmarked pits for converting them into compost to be used as manure.
  - v) All non-biodegradable waste shall be handed over to authorized recyclers for which a written tie up must be done with the authorized recyclers.
  - vi) Any hazardous waste generated during construction phase, shall be disposed off as per applicable rules and norms with necessary approvals of the State Pollution Control Board.
  - vii) Use of environment friendly materials in bricks, blocks and other construction materials, shall be required for at least 20% of the construction material quantity. These include Fly Ash bricks, hollow bricks, AACs, Fly Ash Lime Gypsum blocks, Compressed earth blocks, and other environment friendly materials.
  - viii) Fly ash should be used as building material in the construction as per the provision of Fly Ash Notification of September, 1999 and amended as on 27<sup>th</sup> August, 2003 and 25<sup>th</sup> January, 2016. Ready mixed concrete must be used in building construction.
  - ix) Any wastes from construction and demolition activities related thereto shall be managed so as to strictly conform to the Construction and Demolition Rules, 2016.
  - x) Used CFLs and TFLs should be properly collected and disposed off/sent for recycling as per the prevailing guidelines/ rules of the regulatory authority to avoid mercury contamination.

#### VI. Green Cover

- (i) No tree can be felled/transplant unless exigencies demand. Where absolutely necessary, tree felling shall be with prior permission from the concerned regulatory authority. Old trees should be retained based on girth and age regulations as may be prescribed by the Forest Department. Plantations to be ensured species (cut) to species (planted).
- (ii) A minimum of 1 tree (5' tall) for every 80 sqm of land should be planted and maintained. The existing trees will be counted for this purpose. The landscape planning should include plantation of native species. The species with heavy foliage, broad leaves and wide canopy cover are desirable. Water intensive and/or invasive species should not be used for landscaping.
- (iii) Where the trees need to be cut with prior permission from the concerned local Authority, compensatory plantation in the ratio of 1:10 (i.e. planting of 10 trees for every 1 tree that is cut) shall be done and maintained. Plantations to be ensured species (cut) to species (planted). Area for green belt development shall be provided as per the details provided in the project document.
- (iv) Topsoil should be stripped to a depth of 20 cm from the areas proposed for buildings, roads, paved areas, and external services. It should be stockpiled appropriately in designated areas and reapplied during plantation of the proposed vegetation on site.

#### VII. Transport

- (i) A comprehensive mobility plan, as per MoUD best practices guidelines (URDPFI), shall be prepared to include motorized, non-motorized, public, and private networks. Road should be designed with due consideration for environment, and safety of users. The road system can be designed with these basic criteria.
  - a) Hierarchy of roads with proper segregation of vehicular and pedestrian traffic.
  - b) Traffic calming measures.
  - c) Proper design of entry and exit points.
  - d) Parking norms as per local regulation.
- (ii) Vehicles hired for bringing construction material to the site should be in good condition and should have a pollution check certificate and should conform to applicable air and noise emission standards be operated only during non-peak

- (iii) hours.  
A detailed traffic management and traffic decongestion plan shall be drawn up to ensure that the current level of service of the roads within a 05 kms radius of the project is maintained and improved upon after the implementation of the project. This plan should be based on cumulative impact of all development and increased habitation being carried out or proposed to be carried out by the project or other agencies in this 05 Kms radius of the site in different scenarios of space and time and the traffic management plan shall be duly validated and certified by the State Urban Development department and the P.W.D./competent authority for road augmentation and shall also have their consent to the implementation of components of the plan which involve the participation of these departments.

#### VII. Human health issues

- (i) All workers working at the construction site and involved in loading, unloading, carriage of construction material and construction debris or working in any area with dust pollution shall be provided with dust mask.
- (ii) For indoor air quality the ventilation provisions as per National Building Code of India.
- (iii) Emergency preparedness plan based on the Hazard identification and Risk Assessment (HIRA) and Disaster Management Plan shall be implemented.
- (iv) Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, crèche etc. The housing may be in the form of temporary structures to be removed after the completion of the project.
- (v) Occupational health surveillance of the workers shall be done on a regular basis.
- (vi) A First Aid Room shall be provided in the project both during construction and operations of the project.

#### VIII. Corporate Environment Responsibility

- (i) The project proponent shall comply with the provisions contained in this Ministry's OM vide F.No. 22-65/2017-IA.III dated 1<sup>st</sup> May 2018, as applicable, regarding Corporate Environment Responsibility.
- (ii) The company shall have a well laid down environmental policy duly approved by the Board of Directors. The environmental policy should prescribe for standard operating procedures to have proper checks and balances and to bring into focus any infringements/ deviation/ violation of the environmental/forest/wildlife norms/ conditions. The company shall have defined system of reporting infringements/ deviation/ violation of the environmental/ forest/ wildlife norms/ conditions and/ or shareholders/ stake holders. The copy of the board resolution in this regard shall be submitted to the MoEF&CC as a part of six-monthly report.
- (iii) A separate Environmental Cell both at the project and company head quarter level, with qualified personnel shall be set up under the control of senior Executive, who will directly to the head of the organization.
- (iv) Action plan for implementing EMP and environmental conditions along with responsibility matrix of the company shall be prepared and shall be duly approved by competent authority. The year wise funds earmarked for environmental protection measures shall be kept in separate account and not to be diverted for any other purpose. Year wise progress of implementation of action plan shall be reported to the Ministry/Regional Office along with the Six Monthly Compliance Report.

#### IX. Miscellaneous

- (i) The project proponent shall prominently advertise it at least in two local newspapers of the District or State, of which one shall be in the vernacular language within seven days indicating that the project has been accorded environment clearance and the details of MoEFCC/SEIAA website where it is displayed.
- (ii) The copies of the environmental clearance shall be submitted by the project

- proponents to the Heads of local bodies, Panchayats and Municipal Bodies in addition to the relevant offices of the Government who in turn has to display the same for 30 days from the date of receipt.
- (iii) The project proponent shall upload the status of compliance of the stipulated environment clearance conditions, including results of monitored data on their website and update the same on half-yearly basis.
  - (iv) The project proponent shall submit six-monthly reports on the status of the compliance of the stipulated environmental conditions on the website of the ministry of Environment, Forest and Climate Change at environment clearance portal.
  - (v) The project proponent shall submit the environmental statement for each financial year in Form-V to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently and put on the website of the company.
  - (vi) The project proponent shall inform the Regional Office as well as the Ministry, the date of financial closure and final approval of the project by the concerned authorities, commencing the land development work and start of production operation by the project.
  - (vii) The project authorities must strictly adhere to the stipulations made by the State Pollution Control Board and the State Government.
  - (viii) The project proponent shall abide by all the commitments and recommendations made in the Form-IA and conceptual plan and also that during their presentation to the Expert Appraisal Committee.
  - (ix) No further expansion or modifications in the plan shall be carried out without prior approval of the Ministry of Environment, Forests and Climate Change (MoEF&CC)/SEIAA, Haryana. The project proponent shall seek fresh environmental clearance under EIA notification 2006 if at any stage there is change of area of this project.
  - (x) Any change in planning of the approved plan will leads to Environment Clearance void-ab-initio and PP will have to seek fresh Environment Clearance.
  - (xi) The PP should give unambiguous affidavit giving land promoters in accordance with your ownership and possession of land legal the case referred for Environment Clearance to SEIAA.
  - (xii) Concealing factual data or submission of false/fabricated data may result in revocation of this environmental clearance and attract action under the provisions of Environment (Protection) Act, 1986.
  - (xiii) The Ministry/SEIAA may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.
  - (xiv) The Ministry/SEIAA reserves the right to stipulate additional conditions if found necessary. The Company in a time bound manner shall implement these conditions.
  - (xv) The Regional Office of this Ministry shall monitor compliance of the stipulated conditions. The project authorities should extend full cooperation to the officer (s) of the Regional Office by furnishing the requisite data / information/monitoring reports.
  - (xvi) The above conditions shall be enforced, inter-alia under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 and the Public Liability Insurance Act, 1991 along with their amendments and Rules and any other orders passed by the Hon'ble Supreme Court of India / High Courts and any other Court of Law relating to the subject matter.
  - (xvii) The Project Proponent shall ensure the commitments made in Form-1, Form-IA, 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.

- (xviii) 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.
- (xix) The Project proponent shall not violate any judicial orders/pronouncements issued by any Court/Tribunal.
- (xx) 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.
- (xxi) 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.
- (xxii) The project proponent shall put in place Corporate Environment Policy as mentioned in MoEF, GoI OM No. J-11013/41/2006-IA II (I) dated 26.4.2012 within 3 months period. Latest Corporate Environment Policy should be submitted to SEIAA within 3 months of issuance of this letter.
- (xxiii) 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.
- (xxiv) The project proponent is responsible for compliance of all conditions in Environmental Clearance letter and project proponent can not absolve himself /herself of the responsibility by shifting it to any contractor engaged by project proponent. 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.
- (xxv) The project proponent shall seek fresh Environmental clearance if at any stage there is change in the planning of the proposed project.
- (xxvi) 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.
- (xxvii) 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.
- (xxviii) 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.
- (xxix) The project proponent shall construct a sedimentation basin in the lower level of the project site to trap pollutant and other wastes during rains.
- (xxx) The project proponent shall provide proper rasta of proper width and proper strength for the project before the start of construction.
- (xxxi) The project proponent shall provide fire control room and fire officer for building above 30 meter as per National Building Code.
- (xxxii) 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.
- (xxxiii) 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.
- (xxxiv) 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.
- (xxxv) Standards for discharge of environmental pollutants as enshrined in various schedules of rule 3 of Environment Protection Rule 1986 shall be strictly complied with.
- (xxxvi) All electric supply exceeding 100 amp, 3 phase shall maintain the

power factor between 0.98 lag to 1 at the point of connection.

- (xxxvii) 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.
- (xxxviii) 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.
- (xxxix) 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.
- (xl) 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.
- (xli) The project proponent should intimate to the Authority well before shifting their address of communication.

  
Chairman,

**State Level Environment Impact  
Assessment Authority, Haryana, Panchkula.**

Endst. No. SEIAA/HR/2019/

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.

  
Chairman,

**State Level Environment Impact  
Assessment Authority, Haryana, Panchkula.**



# HARYANA STATE POLLUTION CONTROL BOARD



Faridabad Sec.-16-A, Opp. Hewo Apartment,  
Faridabad Ph. 0129-2225315(O) Email:-  
hspcbrofr@gmail.com  
E-mail: hspcb@hry.nic.in

No. HSPCB/Consent/ : 329962323FDBDCTO37936198

Dated:20/07/2023

To.

M/s :Pacific Retail Centers(I) Pvt Ltd  
NIT FARIDABAD BUS TERMINAL FARIDABAD

Subject: Grant of consent to operate to M/s Pacific Retail Centers(I) Pvt Ltd.

Please refer to your application no. 37936198 received on dated 2023-06-13 in regional office Faridabad. With reference to your above application for consent to operate, M/s Pacific Retail Centers(I) Pvt Ltd is hereby granted consent as per following specification/Terms and conditions.

<b>Consent Under</b>	BOTH
<b>Period of consent</b>	20/07/2023 - 30/09/2025
<b>Industry Type</b>	Building and Construction projects having waste water generation more than 100 KLD in respective of their built-up area
<b>Category</b>	RED
Investment(In Lakh)	11094.0
Total Land Area(Sq. meter)	17611.0
Total Builtup Area(Sq. meter)	30603.19
<b>Quantity of effluent</b>	
1. Trade	0.0 KL/Day
2. Domestic	300.0 KL/Day
Number of outlets	1.0
<b>Mode of discharge</b>	
1. Domestic	reuse for flushing/Gardening and final into Sewer
2. Trade	0
<b>Domestic Effluent Parameters</b>	
1. BOD	10 mg/l
2. TSS	20 mg/l
3. COD	50 mg/l
4. Oil and Grease	10 mg/l
<b>Trade Effluent Parameters</b>	
1. NA	
Number of stacks	1
<b>Height of stack</b>	

1. 3 nos Gen Sets Each Stack proposed approx	8 meters
<b>Emission parameters</b>	
1. NA	
<b>Product Details</b>	
1. nil	Metric Tonnes/day
<b>Capacity of boiler</b>	
1. nil	Ton/hr
<b>Type of Furnace</b>	
1. nil	
<b>Type of Fuel</b>	
1. Electricity	Kilowatt/day
<b>Raw Material Details</b>	
nil	Metric Tonnes/Day

*Regional Officer, Faridabad  
Haryana State Pollution Control Board.*

### **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.

### **HARYANA STATE** **Specific Conditions :**

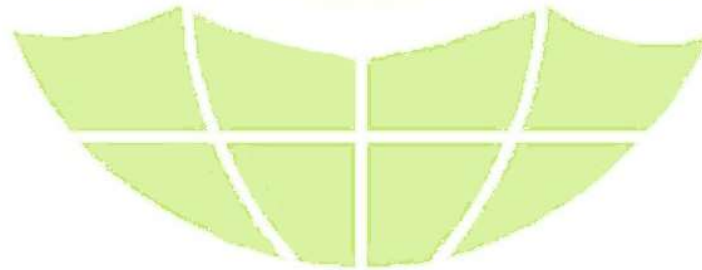
1. CTO so granted is without prejudice to any violation made by unit in past & will be deemed cancelled if any such violation come to the notice of the Board at any stage and the CTO so granted will not affect the prosecution action to be initiated against the unit for such past violations caused by the unit. 2. Unit will not change the quantity of domestic effluent/trade effluent/ air emissions sources without prior permission of the Board. 3. Unit will obtain all necessary clearance from all concerned departments. 4. The unit will operate its pollution control devices regularly and will maintain proper logbook for the same. 5. Unit will obtain necessary Authorization HWM Rules, 2016 & will apply for CTO renewal at least 90 days before expiry date of CTO. 6. Unit will maintain good housekeeping and will comply with the provisions of SWM Rules, 2016. 7. Unit will deposit balance fee, if any found at any stage pending against the unit. 8. Unit will comply with all the direction issued time to time by HSPCB, CPCB, CAQM, Hon'ble NGT, Hon'ble Punjab & Haryana High Court, Hon'ble Supreme Court of India and other concerned authorities. 9. Renewal of CTO will not prevent the Board from taking appropriate action against the defaulting units including revoking the CTO, which will fail to comply with any of the conditions of the CTO or any relevant provisions of the Water Act, 1974 and Air Act, 1981. 10. The standards prescribed under environmental laws by MoEF&CC/ CPCB are followed by the Board. Further, it is clarified that the standards to be prescribed from time to time under environmental laws by MoEF&CC/CPCB shall also be deemed to be the standards of Board. Provided that in case any stringent parameters will be prescribed by the Board on any subject where upon parameters are also provided by MoEF&CC/CPCB, the standards prescribed by the Board will be followed. The general standards prescribed under EP Rules, 1986 (as amended) shall be applicable on the industries for which specific standards are not prescribed. 11. Grant or renewal of CTE and CTO does not prevent the Board from revoking of those CTE and CTO including taking

appropriate action against those defaulting units, where CTE or CTO has been obtained or got extended on the basis of wrong declaration or false documents and also who fail to comply with any of the conditions of CTE/CTO granted to such units or any relevant provisions of Water Act, 1974 and Air Act, 1981 beside forfeiture of performance security deposited by the unit for obtaining CTE. 12. Unit will provide the stack height of all the sources as per EPA Act, 1986 & will comply with the prescribed standards for discharge of effluent/ air emission as per EPA Act, 1986 & any further amended standards. 13. Unit will submit Annual report of Hazardous waste management Rules and environment statement as per the provision of applicable laws. 14. Unit will use only approved source of water supply. In case of use of bore well unit will obtained prior permission from HWRA. 15. Unit will not operate DG set without retro fitting and PNG fuel conversion and will maintain logbook for DG set operation mentioning entries running hours of DG set, in compliance of CAQM directions. 16. Unit will submit AR of ETP/STP/APCM within 90 days of grant of this CTO and if parameters of AR found exceeding the prescribed limits, CTO so granted will be revoked and closure, prosecution action and imposition of EC will be initiated against the unit as per policy of the Board.

**AKANSHA** Digitally signed by  
AKANSHA TANWAR  
**TANWAR** Date: 2023.07.21  
16:10:40 +05'30'  
*Regional Officer, Faridabad*

*Haryana State Pollution Control Board.*

**HARYANA STATE**



**From** Director General  
Fire Service, Haryana Panchkula

**To** **M/s** Directorate of State Transport through Conces  
NIT BUS STAND KL MEHTA ROAD NH 2 NIT FARIDABAD HARYANA

**Memo No. FS/2023/355 dated : 04/05/2023**

**Subject :** **Fire Safety Certificate 15 mtrs. and Above from the fire safety point of view for Group D- Assembly Building at NIT BUS STAND KL MEHTA ROAD NH 2 NIT FARIDABAD HARYANA of Directorate of State Transport through Concessionaire Pacific Retail Centers India Pt Ltd :**

Reference your letter no. 031492323000009 dated 26/04/2023 on the subject cited above.

Tower Name	Floor Detail	Height	Ground Coverage
-01	G+5th	28.20 mtr.	4044.693 Sq. mtr.
Tower Name	Basement Level	Basement Area	Basement Remarks
-	Lower Ground Basement	6105.413 Sq. mtr.	Part NOC (Commercial)
	Basement-1	11544.089 Sq. mtr.	Part NOC (Parking)
	Basement-2	10299.505 Sq. mtr	Part NOC (Parking)

- 1) The owner/occupier shall give a self declaration certificate annually regarding fire safety system installed in his building/premises is working in good condition and there is no addition/alteration in the building.
- 2) In case there is any addition/alteration in the building, the Fire Safety Certificate shall cease to exist and the owner shall apply for approval of revised Fire Fighting Scheme
- 3) As per sub-section (1) and the competent authority may randomly check such building/premises.
- 4) The owner/occupier shall keep duly trained Fire Staff in all three shifts.
- 5) The Fire Protection System tested during inspection shall be maintained properly & always should be in good working condition.
- 6) If any lapse is found in the fire protection system at the time of inspection or detected during outbreak of fire, action will be taken as per rules against you.
- 7) You are directed to apply for Fire Safety Certificate in future before 2 months of expiry of your Fire Safety Certificate.
- 8) The open set back area is not checked at our end as it shall be checked by concerned building authority/department.
- 9) The owner/occupier shall strictly follow the other applicable rules/ regulations/ byelaws laid down regarding fire safety system. If you fail to comply with any of the above terms & conditions you will be liable to be punished as per Section 30,31 & 47 of Fire & Emergency Services Act 2022.
- 10) You have to perform quarterly Fire Drill in your building as per NBC with intimation to Fire Department and video graphy evidence to be kept as a record which shall be produced at the time of next Renewal; Official/Staff should be participated in the drill.
- 11) If the Infringements of Byelaws remains un-noticed the Authority reserves the right to amend the Fire Safety Certificate as and when any such Infringements comes to notice after giving an opportunity of being heard and the Authority shall stand Indemnified against any claim on this account.
- 12) Fire safety Certificate granted subject to condition that there is no violation in sanctioned building plan by virtue of which fire fighting scheme was approved.
- 13) The owner or occupier of the building shall give a self-declaration certificate annually to the effect that the fire fighting system installed in his building is working in good condition and there is no addition/alteration in the building. The Fire Officer may randomly check such building. In case there is any addition/alteration beyond permissible limits under the Haryana Building Code, 2017, the fire safety certificate shall cease to exist and the owner shall apply for approval of revised Fire Fighting Scheme as per the provisions of section 18.

The above Fire Safety Certificate is valid for only **Three** year from the date of issue of this letter Applying renewal of the same well in time shall be the responsibility of owner/occupier.

**Remarks:- Part NOC**



Digitally signed by (GULSHAN KALRA) Director (Technical)-I, Directorate of Fire Services, Haryana  
Date: 2023.05.04 10:05:30  
Reason: Digital Verification

Panchkula

Exercising the power of Director, Fire Services, Haryana

## TEST REPORT

<b>ISSUED TO</b>	:	<b>M/S. PACIFIC MALL. NIT BUS STAND, FARIDABAD HARYANA.</b>
Sample Identification No.	:	AA-241105/005
Test Report No.	:	GEL-2411/12352
ULR Number	:	TC-718624000008526F
Date of Issue	:	09.11.2024
Sampling Method	:	GEL/SOP-01/AA
Testing Location	:	PERMANENT FACILITY
Sample Description	:	<b>AMBIENT AIR</b>
Sampling Duration	:	04.11.2024 TO 05.11.2024
Sample Collected by	:	GEL STAFF
Instrument Used For Sampling	:	RDS WITH GASEOUS ATTACHMENT + FPS+ CO ANALYSER+ BENZENE SAMPLER
Sampling Location	:	<b>NEAR MAIN GATE</b>
Sample Collection Date	:	05.11.2024
Ambient Temperature (K)	:	302
Date of Sample Receipt	:	05.11.2024
Sample Condition	:	SEALED
Analysis Duration	:	05.11.2024 To 09.11.2024

## ANALYSIS RESULTS

S. No.	PARAMETERS	UNIT	RESULTS	*LIMIT	TEST METHOD
1.	Particulate Matter (Size <10 µm)	[µg/m <sup>3</sup> ]	176	100*	IS:5182(part-23):2006 (RA:2022)
2.	Particulate Matter (Size <2.5 µm)	[µg/m <sup>3</sup> ]	70	60*	IS:5182(part-24):2019
3.	Sulphur Dioxide (as SO <sub>2</sub> )	[µg/m <sup>3</sup> ]	17.3	80*	IS:5182(part-2):2001 (RA :2022)
4.	Nitrogen Dioxide (as NO <sub>2</sub> )	[µg/m <sup>3</sup> ]	37.7	80*	IS:5182(part-6):2006 (RA :2022)
5.	Carbon Monoxide (CO)	[mg/m <sup>3</sup> ]	0.86	4**	IS:5182(part-10):1999 (RA:2019)
6.	Lead	[µg/m <sup>3</sup> ]	BDL(DL.0.05)	1.0*	IS:5182(part-22):2004 (RA :2019)
7.	Ammonia	[µg/m <sup>3</sup> ]	22	400*	IS:5182(part-25):2018
8.	Ozone	[µg/m <sup>3</sup> ]	28	180**	IS:5182(part-9):1974 (RA :2019)
9.	Benzene	[µg/m <sup>3</sup> ]	BDL(DL.1.0)	5*	IS:5182(part-11):2006 (RA :2022)
10.	Benzo (a) Pyrene	[ng/m <sup>3</sup> ]	BDL(DL.0.5)	1*	IS:5182(part-12):2004(RA: 2019)
11.	Arsenic	[ng/m <sup>3</sup> ]	BDL(DL.0.2)	6*	CPCB NAAQS Manual Volume 1:2011
12.	Nickel	[ng/m <sup>3</sup> ]	BDL(DL.0.5)	20*	IS:5182(part-26):2020

\*CPCB'S specification for Ambient Air Quality for 24 hours.

\*\*CPCB'S specification for Ambient Air Quality for 1.0 hours.

BDL : Below Detection Limit.

  
(Checked By)

**INTEKHAB KHAN (Technical Manager)**

Note: 1. The results listed refer only to the tested samples and applicable parameters.

2. The samples will be destroyed after 15 days of sampling.

3. This report cannot be used as evidence in the court of law and cannot be used in part or full in any media without prior permission.

4. Subject to Ghaziabad Jurisdiction only.

  
**ARVIND KUMAR**  
(Authorized Signatory)



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



## TEST REPORT

<b>ISSUED TO</b>	:	<b>M/S. PACIFIC MALL. NIT BUS STAND, FARIDABAD HARYANA.</b>
Sample Identification No.	:	WW-241105/007
Test Report No.	:	GEL-2411/12353
ULR Number	:	TC-718624000008527F
Date of Issue of the Report	:	09.11.2024
Sampling Method	:	IS:17614:2021
Testing Location	:	PERMANENT FACILITY
Type of Sample	:	<b>SEWAGE WATER</b>
Sample Collection Date	:	05.11.2024
Sample Collected by	:	GEL STAFF
Sampling Location	:	<b>INLET OF STP</b>
Sample Quantity	:	2.0 LTR + 500 ML
Sample Description	:	LIQUID
Date of Sample Receipt	:	05.11.2024
Sample Condition	:	SEALED
Analysis Duration	:	05.11.2024 To 09.11.2024

## ANALYSIS RESULT

S. NO.	PARAMETER	RESULTS	UNIT	TEST METHOD
1.	pH	6.52	---	IS:3025(part-11): 2022
2.	Total Suspended Solid	108	mg/L	IS:3025(part-17): 2022
3.	Chemical Oxygen Demand	523	mg/L	IS:3025(part-58):2023
4.	Biochemical Oxygen Demand (at 27°C for 3 days )	76	mg/L	IS:3025(part-44): 2023
5.	Oil & Grease	8	mg/L	IS:3025(Part-39):2021
6.	Ammonical Nitrogen	22	mg/L	IS 3025 (Part 34) : 1988 (RA 2019)
7.	Nitrogen (Nitrate)	7.2	mg/L	IS:3025 (Part 34): SEC 3:2021

  
 (Checked By)  
**INTEKHAB KHAN (Technical Manager)**

  
**ARVIND KUMAR**  
 (Authorized Signatory)





# GLOBAL ENVIRO Laboratories LLP

PLOT NO. 4, KHASRA NO. 45, MORTA INDUSTRIAL AREA, OPPOSITE SHREE MANAN DHAM TEMPLE, 8<sup>th</sup> K.M. MILESTONE MEERUT ROAD, MORTA, GHAZIABAD-201003 (U.P)  
MOBILE : +91-9810317145, +91-8826028116, +91 9810828054  
E-mail : globalenvirolab@gmail.com, global\_enviro@rediffmail.com, office.globalenviro@gmail.com



TC-7186

Test Report No : GEL-2411/12353  
ULR Number : TC-718624000008527F

S. NO.	PARAMETER	RESULTS	UNIT	TEST METHOD
8.	Faecal Coliform	4.0x10 <sup>4</sup>	MPN/100ML	APHA 24TH EDITION:2023 (9221E)

MoEFCC Notification, Dated-13.10.2017

(Checked By) *Tanu*  
TANU CHAUDHARY (ANALYST)

*Monica Singh*  
MONICA SINGH  
(Authorized Signatory)

- Note: 1. The results listed refer only to the tested samples and applicable parameters.  
2. The samples will be destroyed after 15 days of sampling.  
3. This report cannot be used as evidence in the court of law and cannot be used in part or full in any media without prior permission.  
4. Subject to Ghaziabad Jurisdiction only.



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




## TEST REPORT

<b>ISSUED TO</b>	:	<b>M/S. PACIFIC MALL. NIT BUS STAND, FARIDABAD HARYANA.</b>
Sample Identification No.	:	WW-241105/008
Test Report No.	:	GEL-2411/12354
ULR Number	:	TC-718624000008528F
Date of Issue of the Report	:	09.11.2024
Sampling Method	:	IS:17614:2021
Testing Location	:	PERMANENT FACILITY
Type of Sample	:	<b>SEWAGE WATER</b>
Sample Collection Date	:	05.11.2024
Sample Collected by	:	GEL STAFF
Sampling Location	:	<b>OUTLET OF STP</b>
Sample Quantity	:	2.0 LTR + 500 ML
Sample Description	:	LIQUID
Date of Sample Receipt	:	05.11.2024
Sample Condition	:	SEALED
Analysis Duration	:	05.11.2024 To 09.11.2024

## ANALYSIS RESULT

S. NO.	PARAMETER	RESULTS	UNIT	LIMIT	TEST METHOD
1.	Ph	7.28	---	6.5-9.0	IS:3025(part-11): 2022
2.	Total Suspended Solids	36	mg/L	50	IS:3025(part-17): 2022
3.	Chemical Oxygen Demand	80	mg/L	Not Specified	IS:3025(part-58):2023
4.	Biochemical Oxygen Demand (at 27°C for 3 days )	15	mg/L	20	IS:3025(part-44): 2023
5.	Oil & Grease	2.3	mg/L	Not Specified	IS:3025(Part-39):2021
6.	Ammonical Nitrogen	3.2	mg/L	50	IS 3025 (Part 34) : 1988 (RA 2019)
7.	Nitrogen (Nitrate)	1.8	mg/L	10	IS:3025 (Part 34): SEC 3:2021

MoEFCC Notification, Dated-13.10.2017

  
 (Checked By)  
**INTEKHAB KHAN (Technical Manager)**



  
**ARVIND KUMAR**  
 (Authorized Signatory)





# GLOBAL ENVIRO Laboratories LLP

PLOT NO. 4, KHASRA NO. 45, MORTA INDUSTRIAL AREA, OPPOSITE SHREE MANAN DHAM TEMPLE, 8<sup>th</sup> K.M. MILESTONE MEERUT ROAD, MORTA, GHAZIABAD-201003 (U.P)  
MOBILE : +91-9810317145, +91-8826028116, +91 9810828054  
E-mail : globalenvirolab@gmail.com, global\_enviro@rediffmail.com, office.globalenviro@gmail.com



Test Report No : GEL-2411/12354

ULR Number : TC-718624000008528F

S. NO.	PARAMETER	RESULTS	UNIT	LIMIT	TEST METHOD
8.	Faecal Coliform	120	MPN/100ML	<1000	APHA 24TH EDITION:2023 (9221E)

MoEFCC Notification, Dated-13.10.2017

(Checked By)

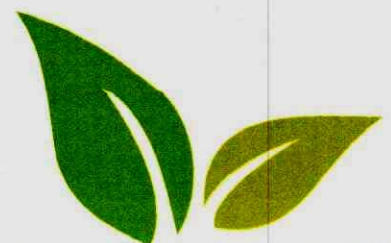
TANU CHAUDHARY (ANALYST)

- Note:
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\*\*\*END OF REPORT\*\*\*

Global Enviro Laboratories LLP  
Ghaziabad  
**MONICA SINGH**  
(Authorized Signatory)



## TEST REPORT

ISSUED TO	:	M/S. PACIFIC MALL. NIT BUS STAND, FARIDABAD HARYANA.
Sample Identification No.	:	DW-241105/002
Test Report No.	:	GEL-2411/12355
ULR Number	:	TC-71862400008529F
Date of Issue	:	09.11.2024
Testing Location	:	PERMANENT FACILITY
Sampling Method	:	IS:17614:2021
Type of Sample	:	<b>DRINKING WATER</b>
Sample Collection Date	:	05.11.2024
Sample Collected by	:	GEL STAFF
Sample Quantity	:	2.0 LTR + 500 ML
Sample Description	:	LIQUID
Sampling Location	:	<b>R.O. WATER</b>
Date of Sample Receipt	:	05.11.2024
Sample Condition	:	SEALED
Analysis Duration	:	05.11.2024 To 09.11.2024

## ANALYSIS RESULT

### ORGANOLEPTIC & PHYSICAL PARAMETERS

S.NO.	PARAMETER	UNIT	TEST METHOD	RESULT	DRINKING WATER STANDARDS/LIMIT (IS: 10500:2012) (RA 2018)	
					ACCEPTABLE LIMIT	PERMISSIBLE LIMIT
1.	Colour	HZN	IS:3025(Part 4): 2021	<5	5 (max.)	15 (max.)
2.	Odour	---	IS:3025 (Part 5): 2018	Qualitative	Agreeable	Agreeable
3.	Taste	---	IS:3025 (Part 8): 2023	Qualitative	Agreeable	Agreeable
4.	pH	---	IS:3025 (Part 11): 2022	6.88	6.5-8.5	No relaxation
5.	Turbidity	NTU	IS:3025 (Part 10): 2023	<1	1(max.)	5(max.)
6.	Total Dissolved Solids (TDS)	mg/L	IS:3025 (Part 16): 2023	94	500 (max.)	2000 (max.)

### GENERAL PARAMETERS

S. NO.	PARAMETER	UNIT	TEST METHOD	RESULT	DRINKING WATER STANDARDS/LIMIT (IS: 10500:2012) (RA 2018)	
					ACCEPTABLE LIMIT	PERMISSIBLE LIMIT
7.	Calcium	mg/L	IS 3025 (Part 40): 1991	8.2	75(max.)	200(max.)
8.	Chloride	mg/L	IS 3025 (Part 32):1988 (RA 2019)	16	250(max.)	1000(max.)
9.	Fluoride (F)	mg/L	APHA-4500 F-D (24 <sup>th</sup> EDITION):2023	BDL(D.L.0.1)	1.0 (max.)	1.5 (max.)
10.	Residual, Free Chlorine(RFC)	mg/L	IS 3025 (Part 26): 2021	BDL(D.L.0.2)	0.2 (min.)	1.0(min.)
11.	Magnesium (Mg)	mg/L	IS 3025 (Part 46):2023	5.2	30(max.)	100(max.)
12.	Sulphate (SO <sub>4</sub> )	mg/L	IS 3025 (Part 24): SEC 1:2022	6.9	200 (max.)	400 (max.)

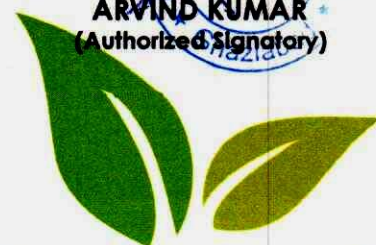
BDL: Below Detection Limit.

\* Limit to be Applicable only when water is chlorinated.

(Checked By)  
INTEKHAB KHAN (Technical Manager)



ARVIND KUMAR  
(Authorized Signatory)



Test Report No. : GEL-2411/12355

ULR Number: TC-71862400008529F

## GENERAL PARAMETERS

S. NO.	PARAMETER	UNIT	TEST METHOD	RESULT	DRINKING WATER STANDARDS/LIMIT (IS: 10500:2012) (RA 2018)	
					ACCEPTABLE LIMIT	PERMISSIBLE LIMIT
13.	Total Hardness	mg/L	IS 3025 Part 21:2009 (RA: 2023)	42	200 (max.)	600 (max.)
14.	Total Alkalinity	mg/L	IS 3025 (Part 23): 2023	32	200 (max.)	600 (max.)
15.	Nitrates (Nitrogen )	mg/L	IS:3025 (Part 34): 1988 (RA 2019)	BDL(D.L.0.5)	45 (max.)	No relaxation
16.	Anionic Detergent (MBAS)	mg/L	IS:3025 (Part 68) : 2019 (RA 2023)	BDL(D.L.0.2)	0.2 (max.)	1.0(max.)
17	Ammonia as Total Ammonia-N	mg/L	IS:3025 (Part 34): SEC 1:2023	BDL(D.L.0.05)	0.2 (max.)	No Relaxation
18.	Chloramines as Cl <sub>2</sub>	mg/L	IS 3025 (Part 26): 2021	BDL(D.L.0.1)	4(max.)	No Relaxation
19.	Sulphide (H <sub>2</sub> S)	mg/L	IS 3025 (Part 29): 2022	BDL(D.L.0.05)	0.05 (max.)	No relaxation
20.	Phenolic Compound	mg/L	APHA- 5530C, 24 <sup>th</sup> EDITION:2023	BDL(D.L.0.005)	0.001 (max.)	0.002 (max.)
21.	Iron (Fe)	mg/L	APHA- 3120 B, 24 <sup>th</sup> EDITION:2023	0.07	1.0(max.)	No Relaxation
22.	Copper (Cu)	mg/L	APHA- 3120 B, 24 <sup>th</sup> EDITION:2023	BDL(D.L.0.005)	0.05(max.)	1.5(max.)
23.	Manganese (Mn)	mg/L	APHA- 3120 B, 24 <sup>th</sup> EDITION:2023	BDL(D.L.0.005)	0.1(max.)	0.3(max.)
24	Selenium (Se)	mg/L	APHA- 3120 B, 24 <sup>th</sup> EDITION:2023	BDL(D.L.0.005)	0.01(max.)	No Relaxation
25.	Zinc (Zn)	mg/L	APHA- 3120 B, 24 <sup>th</sup> EDITION:2023	BDL(D.L.0.01)	5.0(max.)	15.0(max.)
26.	Aluminium (Al)	mg/L	APHA- 3120 B, 24 <sup>th</sup> EDITION:2023	BDL(D.L.0.02)	0.03(max.)	0.2(max.)
27.	Barium (Ba)	mg/L	APHA- 3120 B, 24 <sup>th</sup> EDITION:2023	BDL(D.L.0.1)	0.7(max.)	No relaxation
28.	Boron (B)	mg/L	APHA- 3120 B, 24 <sup>th</sup> EDITION:2023	BDL(D.L.0.1)	0.5(max.)	1.0(max.)
29.	Silver (Ag)	mg/L	APHA- 3120 B, 24 <sup>th</sup> EDITION:2023	BDL(D.L.0.05)	0.1(max.)	No Relaxation

BDL: .Below Detection Limit,

  
(Checked By)

INTEKHAB KHAN (Technical Manager)

  
ARVIND KUMAR  
(Authorized Signatory)



Test Report No. : GEL-2411/12355

ULR Number: TC-718624000008529F

### PARAMETERS CONCERNING TOXIC SUBSTANCES

S. NO.	PARAMETER	UNIT	TEST METHOD	RESULT	DRINKING WATER STANDARDS/LIMIT (IS: 10500:2012) (RA 2018)	
					ACCEPTABLE LIMIT	PERMISSIBLE LIMIT
30.	Cadmium (Cd)	mg/L	APHA- 3120 B, 24 <sup>th</sup> EDITION:2023	BDL(D.L.0.002)	0.003(max.)	No Relaxation
31.	Lead (Pb)	mg/L	APHA- 3120 B, 24 <sup>th</sup> EDITION:2023	BDL(D.L.0.01)	0.01(max.)	No relaxation
32.	Mercury (Hg)	mg/L	GEL/SOP-001-Residue: 2023	BDL(D.L.0.001)	0.001(max.)	No relaxation
33.	Molybdenum (Mo)	mg/L	APHA- 3120 B, 24 <sup>th</sup> EDITION:2023	BDL(D.L.0.01)	0.07(max.)	No relaxation
34.	Nickel (Ni)	mg/L	APHA- 3120 B, 24 <sup>th</sup> EDITION:2023	BDL(D.L.0.01)	0.02(max.)	No relaxation
35.	Total Arsenic(As)	mg/L	APHA- 3120 B, 24 <sup>th</sup> EDITION:2023	BDL(D.L.0.005)	0.01(max.)	No relaxation
36.	Total Chromium (Cr)	mg/L	APHA- 3120 B, 24 <sup>th</sup> EDITION:2023	BDL(D.L.0.01)	0.05 (max.)	No relaxation
37.	Cyanide	mg/L	IS 3025 (Part 27): 1986 (RA 2019)	BDL(D.L.0.05)	0.05(max.)	No Relaxation

  
(Checked By)

INTEKHAB KHAN (Technical Manager)

  
ARVIND KUMAR  
(Authorized Signatory)



**Test Report No. :** GEL-2411/12355

**ULR Number:** TC-718624000008529F

BACTERIOLOGICAL PARAMETERS					
S.NO.	PARAMETER	UNIT	TEST METHOD	RESULT	REQUIREMENTS (IS: 10500:2012) (RA 2018)
38.	E.coli	Per100ml	IS:15185:2016 (RA 2021)	Absent	Shall not be detectable in 100ml sample
39.	Total Coliform	Per100ml	IS:15185:2016 (RA 2021)	Absent	Shall not be detectable in 100ml sample

(Checked By) *Tanu*  
**TANU CHAUDHARY (ANALYST)**



**MONICA SINGH**  
(Authorized Signatory)

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





# GLOBAL ENVIRO Laboratories LLP

PLOT NO. 4, KHASRA NO. 45, MORTA INDUSTRIAL AREA, OPPOSITE SHREE MANAN DHAM TEMPLE, 8<sup>th</sup> K.M. MILESTONE MEERUT ROAD, MORTA, GHAZIABAD-201003 (U.P)  
MOBILE : +91-9810317145, +91-8826028116, +91 9810828054  
E-mail : globalenvirolab@gmail.com, global\_enviro@rediffmail.com, office.globalenviro@gmail.com



## TEST REPORT

ISSUED TO	:	M/S. PACIFIC MALL. NIT BUS STAND, FARIDABAD HARYANA.
Sample Identification No.	:	GW-241105/002
Test Report No.	:	GEL-2411/12356
ULR Number	:	TC-718624000008530F
Date of Issue	:	09.11.2024
Testing Location	:	PERMANENT FACILITY
Sampling Method	:	IS:17614:2021
Type of Sample	:	GROUND WATER
Sample Collection Date	:	05.11.2024
Sample Collected by	:	GEL STAFF
Sample Quantity	:	2.0 LTR + 500 ML
Sample Description	:	LIQUID
Sampling Location	:	BOREWELL
Date of Sample Receipt	:	05.11.2024
Sample Condition	:	SEALED
Analysis Duration	:	05.11.2024 To 09.11.2024

## ANALYSIS RESULT

### ORGANOLEPTIC & PHYSICAL PARAMETERS

S.NO.	PARAMETER	UNIT	TEST METHOD	RESULT
1.	Colour	HZN	IS:3025(Part 4): 2021	<5
2.	Odour	---	IS:3025 (Part 5): 2018	Qualitative
3.	Taste	---	IS:3025 (Part 8): 2023	Qualitative
4.	pH	---	IS:3025 (Part 11): 2022	7.52
5.	Turbidity	NTU	IS:3025 (Part 10): 2023	<1
6.	Total Dissolved Solids (TDS)	mg/L	IS:3025 (Part 16): 2023	2682

### GENERAL PARAMETERS

S. NO.	PARAMETER	UNIT	TEST METHOD	RESULT
7.	Calcium	mg/L	IS 3025 (Part 40): 1991	260
8.	Chloride	mg/L	IS 3025 (Part 32):1988 (RA 2019)	382
9.	Fluoride (F)	mg/L	APHA-4500 F-D (24 <sup>th</sup> EDITION):2023	0.24
10.	Residual, Free Chlorine(RFC)	mg/L	IS 3025 (Part 26): 2021	BDL(D.L.0.2)
11.	Magnesium (Mg)	mg/L	IS 3025 (Part 46):2023	57.2
12.	Sulphate (SO <sub>4</sub> )	mg/L	IS 3025 (Part 24): SEC 1:2022	86.3

BDL: Below Detection Limit.

(Checked By)

INTEKHAB KHAN (Technical Manager)

ARVIND KUMAR  
(Authorized Signatory)




Test Report No. : GEL-2411/12356

ULR Number: TC-718624000008530F

GENERAL PARAMETERS				
S. NO.	PARAMETER	UNIT	TEST METHOD	RESULT
13.	Total Hardness	mg/L	IS 3025 Part 21:2009 (RA: 2023)	1308
14.	Total Alkalinity	mg/L	IS 3025 (Part 23): 2023	1260
15.	Nitrates (Nitrogen )	mg/L	IS:3025 (Part 34): 1988 (RA 2019)	1.8
16.	Anionic Detergent (MBAS)	mg/L	IS:3025 (Part 68) : 2019 (RA 2023)	BDL(D.L.0.2)
17	Ammonia as Total Ammonia-N	mg/L	IS:3025 (Part 34): SEC 1:2023	BDL(D.L.0.05)
18.	Chloramines as Cl <sub>2</sub>	mg/L	IS 3025 (Part 26): 2021	BDL(D.L.0.1)
19.	Sulphide (H <sub>2</sub> S)	mg/L	IS 3025 (Part 29): 2022	BDL(D.L.0.05)
20.	Phenolic Compound	mg/L	APHA- 5530C, 24 <sup>th</sup> EDITION:2023	BDL(D.L.0.005)
21.	Iron (Fe)	mg/L	APHA- 3120 B, 24 <sup>th</sup> EDITION:2023	0.34
22.	Copper (Cu)	mg/L	APHA- 3120 B, 24 <sup>th</sup> EDITION:2023	BDL(D.L.0.005)
23.	Manganese (Mn)	mg/L	APHA- 3120 B, 24 <sup>th</sup> EDITION:2023	BDL(D.L.0.005)
24	Selenium (Se)	mg/L	APHA- 3120 B, 24 <sup>th</sup> EDITION:2023	BDL(D.L.0.005)
25.	Zinc (Zn)	mg/L	APHA- 3120 B, 24 <sup>th</sup> EDITION:2023	BDL(D.L.0.01)
26.	Aluminium (Al)	mg/L	APHA- 3120 B, 24 <sup>th</sup> EDITION:2023	BDL(D.L.0.02)
27.	Barium (Ba)	mg/L	APHA- 3120 B, 24 <sup>th</sup> EDITION:2023	BDL(D.L.0.1)
28.	Boron (B)	mg/L	APHA- 3120 B, 24 <sup>th</sup> EDITION:2023	BDL(D.L.0.1)
29.	Silver (Ag)	mg/L	APHA- 3120 B, 24 <sup>th</sup> EDITION:2023	BDL(D.L.0.05)

BDL: .Below Detection Limit,

  
(Checked By)  
INTEKHAB KHAN (Technical Manager)



  
ARVIND KUMAR  
(Authorized Signatory)



**Test Report No. :** GEL-2411/12356

**ULR Number:** TC-718624000008530F

**PARAMETERS CONCERNING TOXIC SUBSTANCES**

S. NO.	PARAMETER	UNIT	TEST METHOD	RESULT
30.	Cadmium (Cd)	mg/L	APHA- 3120 B, 24 <sup>th</sup> EDITION:2023	BDL(D.L.0.002)
31.	Lead (Pb)	mg/L	APHA- 3120 B, 24 <sup>th</sup> EDITION:2023	BDL(D.L.0.01)
32.	Mercury (Hg)	mg/L	GEL/SOP-001-Residue: 2023	BDL(D.L.0.001)
33.	Molybdenum (Mo)	mg/L	APHA- 3120 B, 24 <sup>th</sup> EDITION:2023	BDL(D.L.0.01)
34.	Nickel (Ni)	mg/L	APHA- 3120 B, 24 <sup>th</sup> EDITION:2023	BDL(D.L.0.01)
35.	Total Arsenic(As)	mg/L	APHA- 3120 B, 24 <sup>th</sup> EDITION:2023	BDL(D.L.0.005)
36.	Total Chromium (Cr)	mg/L	APHA- 3120 B, 24 <sup>th</sup> EDITION:2023	BDL(D.L.0.01)
37.	Cyanide	mg/L	IS 3025 (Part 27): 1986 (RA 2019)	BDL(D.L.0.05)

  
 (Checked By)  
**INTEKHAB KHAN (Technical Manager)**



  
**ARVIND KUMAR**  
 (Authorized Signatory)





# GLOBAL ENVIRO Laboratories LLP

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E-mail : globalenvirolab@gmail.com, global\_enviro@rediffmail.com, office.globalenviro@gmail.com



TC-7186

Test Report No. : GEL-2411/12356  
ULR Number TC-718624000008530F

BACTERIOLOGICAL PARAMETERS				
S.NO.	PARAMETER	UNIT	TEST METHOD	RESULT
38.	E.coli	MPN/100ml	IS:1622:1981 (RA 2019)	<2 OR Absent
39.	Total Coliform	MPN/100ml	IS:1622:1981 (RA 2019)	<2 OR Absent

(Checked By) *Tanu*  
TANU CHAUDHARY (ANALYST)

  
MONICA SINGH  
(Authorized Signatory)

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

JOIN HANDS TO SAVE ENVIRONMENT



## TEST REPORT

ISSUED TO	:	<b>M/S. PACIFIC MALL. NIT BUS STAND, FARIDABAD HARYANA.</b>
Sample Identification No.	:	SE-240923/001
Test Report No.	:	GEL-2409/10396
ULR Number	:	TC-7186240000010182F
Date of Issue	:	27.09.2024
Sampling Method	:	GEL/SOP-01/SE
Testing Location	:	PERMANENT FACILITY
Monitoring Description	:	<b>STACK EMISSION FROM: GEN SET NO- 01 (2250 KVA)</b>
Sample Collection Date	:	23.09.2024
Instrument Used For Sampling	:	STACK SAMPLER
Sampling Duration	:	3600 sec
Sample Collected by	:	GEL STAFF
Sampling Location	:	<b>PORT HOLE</b>
Date of Sample Receipt	:	23.09.2024
Sample Condition	:	SEALED
Analysis Duration	:	23.09.2024 To 26.09.2024

## SAMPLE SOURCE DETAILS

Type & Consumption of Fuels	:	DUAL FUEL - H.S.D. & PNG -(HSD 30% & PNG 70%)
Stack Height (From Ground level)	:	30.0 meter
Stack Height (From Roof level)	:	6.0 meter
Stack Diameter (at Port Hole)	:	500 mm
Stack Temperature (K)	:	484
Ambient Temperature (K)	:	306
Average Velocity [m/sec.]	:	17.5
Flow Rate of SPM [LPM]	:	20.0
Flow Rate of Gases [LPM]	:	2.0
Quantity of emission(m <sup>3</sup> /Hr)	:	7612.4

## ANALYSIS RESULT

S No.	PARAMETER	UNIT	RESULT	*STANDARD	TEST METHOD
1.	PARTICULATE MATTER (at 15% O <sub>2</sub> correction)	[mg/Nm <sup>3</sup> ]	34	50	IS:11255(part-1): 1985 (RA:2019)
2.	OXIDES OF NITROGEN (at 15% O <sub>2</sub> correction)	[ppmv]	148	650	IS:11255(part-7):2005 (RA:2022)
3.	NMHC (as C) (at 15% O <sub>2</sub> correction)	[mg/Nm <sup>3</sup> ]	12	Not Specified	GEL/SOP-NMHC/SE : 2021
4.	SULPHUR DIOXIDE (at 15% O <sub>2</sub> correction)	[mg/Nm <sup>3</sup> ]	18	NOT SPECIFIED	IS:11255(part-2):1985 (RA:2019)

DIRECTION - \*NCR COMMISSION FOR AQM Direction: 76, Dated 29.09.2023.

  
(Checked By)

**INTEKHAB KHAN (Technical Manager)**

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**SHIKHA BHATIYA**  
(Authorized Signatory)



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



## TEST REPORT

<b>ISSUED TO</b>	:	<b>M/S. PACIFIC MALL. NIT BUS STAND, FARIDABAD HARYANA.</b>
Sample Identification No.	:	SE-240923/001
Test Report No.	:	GEL-2409/10397
Date of Issue	:	27.09.2024
Sampling Method	:	GEL/SOP-01/SE
Testing Location	:	PERMANENT FACILITY
Monitoring Description	:	<b>STACK EMISSION FROM: GEN SET NO- 01 (2250 KVA)</b>
Sample Collection Date	:	23.09.2024
Instrument Used For Sampling	:	STACK SAMPLER
Sampling Duration	:	3600 sec
Sample Collected by	:	GEL STAFF
Sampling Location	:	<b>PORT HOLE</b>
Date of Sample Receipt	:	23.09.2024
Sample Condition	:	SEALED
Analysis Duration	:	23.09.2024 To 26.09.2024

## SAMPLE SOURCE DETAILS

Type & Consumption of Fuels	:	DUAL FUEL - H.S.D. & PNG -(HSD 30% & PNG 70%)
Stack Height (From Ground level)	:	30.0 meter
Stack Height (From Roof level)	:	6.0 meter
Stack Diameter (at Port Hole)	:	500 mm
Stack Temperature (K)	:	484
Ambient Temperature (K)	:	306
Average Velocity [m/sec.]	:	17.5
Flow Rate of SPM [LPM]	:	20.0
Flow Rate of Gases [LPM]	:	2.0
Quantity of emission(Nm <sup>3</sup> /Hr)	:	7612.4

## ANALYSIS RESULT

S No.	PARAMETER	UNIT	RESULT	*STANDARD	TEST METHOD
1.	CARBON MONOXIDE (at 15% O <sub>2</sub> correction)	[mg/Nm <sup>3</sup> ]	56	100	GEL/SOP-CO-SE:2024

**DIRECTION** - \*NCR COMMISSION FOR AQM Direction: 76, Dated 29.09.2023.

  
(Checked By)

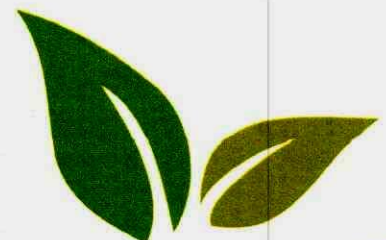
**INTEKHAB KHAN (Technical Manager)**

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**SHIKHA BHATIYA**  
(Authorized Signatory)



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



## TEST REPORT

ISSUED TO	:	<b>M/S. PACIFIC MALL. NIT BUS STAND, FARIDABAD HARYANA.</b>
Sample Identification No.	:	SE-240923/001
Test Report No.	:	GEL-2409/10398
ULR Number	:	TC-7186240000010183F
Date of Issue	:	27.09.2024
Monitoring Method	:	GEL/SOP-01/SL
Monitoring Description	:	<b>GEN SET NOISE LEVEL</b>
Instrument Used For Monitoring	:	NOISE METER
Monitoring Date	:	23.09.2024
Monitoring Location	:	<b>GEN SET NO- 01 (2250 KVA)</b>
Monitored by	:	GEL STAFF
Monitoring Duration	:	10:10 HR To 10:20 HR

1	2	3	4	5	6	7	8	9	10
71.5	72.3	71.6	70.9	72.2	71.3	72.4	73.9	74.5	72.2

NOISE LEVEL			STANDARD	
MAXIMUM SOUND LEVEL	dB(A)	74.5	CPCB STANDARD (AMBIENT NOISE) (for DAY TIME)	
MINIMUM SOUND LEVEL	dB(A)	70.9	INDUSTRIAL AREA	75 dB(A)
AVERAGE VALUE	dB(A)	72.3	RESIDENTIAL AREA	55 dB(A)
			COMMERCIAL AREA	65 dB(A)
			SILENCE ZONE	50 dB(A)
Max. 75 dB (A) at 1.0 meter from the enclosure surface.				

**Remarks:** 1. Average Value is well within the limits as per CPCB standard for GEN. Set.

  
(Checked By)

**INTEKHAB KHAN (Technical Manager)**

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**SHIKHA BHATIYA**  
(Authorized Signatory)



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



## TEST REPORT

<b>ISSUED TO</b>	:	<b>M/S. PACIFIC MALL. NIT BUS STAND, FARIDABAD HARYANA.</b>
Sample Identification No.	:	SE-240923/002
Test Report No.	:	GEL-2409/10399
ULR Number	:	TC-7186240000010184F
Date of Issue	:	27.09.2024
Sampling Method	:	GEL/SOP-01/SE
Testing Location	:	PERMANENT FACILITY
Monitoring Description	:	<b>STACK EMISSION FROM: GEN SET NO- 02 (1010 KVA)</b>
Sample Collection Date	:	23.09.2024
Instrument Used For Sampling	:	STACK SAMPLER
Sampling Duration	:	3600 sec
Sample Collected by	:	GEL STAFF
Sampling Location	:	<b>PORT HOLE</b>
Date of Sample Receipt	:	23.09.2024
Sample Condition	:	SEALED
Analysis Duration	:	23.09.2024 To 26.09.2024

## SAMPLE SOURCE DETAILS

Type & Consumption of Fuels	:	DUAL FUEL - H.S.D. & PNG -(HSD 30% & PNG 70%)
Stack Height (From Ground level)	:	30.0 meter
Stack Height (From Roof level)	:	6.0 meter
Stack Diameter (at Port Hole)	:	300 mm
Stack Temperature (K)	:	479
Ambient Temperature (K)	:	307
Average Velocity [m/sec.]	:	16.9
Flow Rate of SPM [LPM]	:	20.0
Flow Rate of Gases [LPM]	:	2.0
Quantity of emission(m <sup>3</sup> /Hr)	:	2674.1

## ANALYSIS RESULT

S No.	PARAMETER	UNIT	RESULT	*STANDARD	TEST METHOD
1.	PARTICULATE MATTER (at 15% O <sub>2</sub> correction)	[mg/Nm <sup>3</sup> ]	30	50	IS:11255(part-1): 1985 (RA:2019)
2.	OXIDES OF NITROGEN (at 15% O <sub>2</sub> correction)	[ppmv]	126	650	IS:11255(part-7):2005 (RA:2022)
3.	NMHC (as C) (at 15% O <sub>2</sub> correction)	[mg/Nm <sup>3</sup> ]	10	Not Specified	GEL/SOP-NMHC/SE : 2021
4.	SULPHUR DIOXIDE (at 15% O <sub>2</sub> correction)	[mg/Nm <sup>3</sup> ]	19	NOT SPECIFIED	IS:11255(part-2):1985 (RA:2019)

**DIRECTION** - \*NCR COMMISSION FOR AQM Direction: 76, Dated 29.09.2023.

  
 (Checked By)

**INTEKHAB KHAN (Technical Manager)**

- Note:**
1. The results listed refer only to the tested samples and applicable parameters.
  2. The samples will be destroyed after 15 days of sampling.
  3. This report cannot be used as evidence in the court of law and cannot be used in part or full in any media without prior permission.
  4. Subject to Ghaziabad Jurisdiction only.

  
**SHIKHA BHATIYA**  
 (Authorized Signatory)



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





# GLOBAL ENVIRO Laboratories LLP

PLOT NO. 4, KHASRA NO. 45, MORTA INDUSTRIAL AREA, OPPOSITE SHREE MANAN DHAM TEMPLE, 8<sup>th</sup> K.M. MILESTONE MEERUT ROAD, MORTA, GHAZIABAD-201003 (U.P)  
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## TEST REPORT

<b>ISSUED TO</b>	:	<b>M/S. PACIFIC MALL. NIT BUS STAND, FARIDABAD HARYANA.</b>
Sample Identification No.	:	SE-240923/002
Test Report No.	:	GEL-2409/10400
Date of Issue	:	27.09.2024
Sampling Method	:	GEL/SOP-01/SE
Testing Location	:	PERMANENT FACILITY
Monitoring Description	:	<b>STACK EMISSION FROM: GEN SET NO- 02 (1010 KVA)</b>
Sample Collection Date	:	23.09.2024
Instrument Used For Sampling	:	STACK SAMPLER
Sampling Duration	:	3600 sec
Sample Collected by	:	GEL STAFF
Sampling Location	:	<b>PORT HOLE</b>
Date of Sample Receipt	:	23.09.2024
Sample Condition	:	SEALED
Analysis Duration	:	23.09.2024 To 26.09.2024

## SAMPLE SOURCE DETAILS

Type & Consumption of Fuels	:	DUAL FUEL - H.S.D. & PNG -(HSD 30% & PNG 70%)
Stack Height (From Ground level)	:	30.0 meter
Stack Height (From Roof level)	:	6.0 meter
Stack Diameter (at Port Hole)	:	300 mm
Stack Temperature (K)	:	479
Ambient Temperature (K)	:	307
Average Velocity [m/sec.]	:	16.9
Flow Rate of SPM [LPM]	:	20.0
Flow Rate of Gases [LPM]	:	2.0
Quantity of emission(Nm <sup>3</sup> /Hr)	:	2674.1

## ANALYSIS RESULT

S No.	PARAMETER	UNIT	RESULT	*STANDARD	TEST METHOD
1.	CARBON MONOXIDE (at 15% O <sub>2</sub> correction)	[mg/Nm <sup>3</sup> ]	48	100	GEL/SOP-CO-SE:2024

DIRECTION - \*NCR COMMISSION FOR AQM Direction: 76, Dated 29.09.2023.

(Checked By)

**INTEKHAB KHAN (Technical Manager)**

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**SHIKHA BHATIYA**  
(Authorized Signatory)



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



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TC-7186

## TEST REPORT

ISSUED TO	:	<b>M/S. PACIFIC MALL. NIT BUS STAND, FARIDABAD HARYANA.</b>
Sample Identification No.	:	SE-240923/002
Test Report No.	:	GEL-2409/10401
ULR Number	:	TC-7186240000010185F
Date of Issue	:	27.09.2024
Monitoring Method	:	GEL/SOP-01/SL
Monitoring Description	:	<b>GEN SET NOISE LEVEL</b>
Instrument Used For Monitoring	:	NOISE METER
Monitoring Date	:	23.09.2024
Monitoring Location	:	<b>GEN SET NO- 02 (1010 KVA)</b>
Monitored by	:	GEL STAFF
Monitoring Duration	:	10:30 HR To 10:40 HR

1	2	3	4	5	6	7	8	9	10
68.2	73.5	71.2	70.8	73.3	71.7	69.9	72.8	72.6	70.7

NOISE LEVEL			STANDARD	
MAXIMUM SOUND LEVEL	dB(A)	73.5	CPCB STANDARD (AMBIENT NOISE) (for DAY TIME)	
MINIMUM SOUND LEVEL	dB(A)	68.2	INDUSTRIAL AREA	75 dB(A)
AVERAGE VALUE	dB(A)	71.5	RESIDENTIAL AREA	55 dB(A)
			COMMERCIAL AREA	65 dB(A)
			SILENCE ZONE	50 dB(A)
Max. 75 dB (A) at 1.0 meter from the enclosure surface.				

**Remarks:** 1. Average Value is well within the limits as per CPCB standard for GEN. Set.

(Checked By)  
**INTEKHAB KHAN (Technical Manager)**

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**SHIKHA BHATIYA**  
 (Authorized Signatory)



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

