

Ministry of Environment, Forest and Climate Change, Northern  
Regional Office,  
Chandigarh-160030

**Compliance report on conditions imposed in Environmental Clearance  
for period ending 30-09-2024.**

**Part A - Specific conditions**

**I. Pre-Construction Phase**

**II. Construction Phase: Not applicable, as project is in operational phase.**

**III. Operation Phase and Entire Life**

S. No.	Compliance conditions	Compliance Reply
i.	"Consent to Operate" shall be obtained from Punjab Pollution Control Board under Air (Prevention & Control of Pollution) Act, 1981 and Water (Prevention & Control of Pollution) Act, 1974 and a copy of the same shall be submitted to the Ministry of Environment & Forests/ State Level Environment Impact Assessment Authority at the time of start of operation.	Agreed. Renewal of Consent to Operate has been obtained from PPCB vide Certificate No. CTOA/Renewal/SAS/2024/24795734, dated 28/03/2024 and valid till 31/03/2025 under Air Act and Certificate No. CTOW/Renewal/SAS/2024/24795850 under Water Act dated 28/03/2024 and valid till 31/03/2025; copy of the both are attached as <b>Annexure 1.</b>
ii.	The total water requirement for the project will be 365 KL/day, out of which 245 KL/day shall be met through own tube well and remaining 95 KL/day through recycling of treated wastewater.	Agreed. The total water requirement of the project is 365 KLD which is being met through own bore wells.
iii.	a) The total wastewater generation from the project will be 272 KL/day, which will be treated in a separate two STPs i.e. capacity 150 KLD based on MBBR technology or better technology to be installed within the project premises. Both of the STPs shall be provided on the basis of module system so as to accommodate the lesser effluent receipts during the initial phase of lower occupancy. As proposed, reuse of treated wastewater and discharge of surplus treated wastewater shall be as per the details mentioned under the salient features:	Agreed. The same is being complied.

iv.	S. No.	Season	For Flushing purposes (KLD)	Green area 4495 sqm (KLD)	into MC Sewer (KLD)	
	1.	Summer	95	25	125	
	2.	Winter	95	09	141	
	3.	Rainy	95	02	148	
	b) Storage tank of adequate capacity shall be provided for the storage of treated wastewater and all efforts shall be made to supply the same for construction purposes.					
v.	The project proponent shall ensure safe drinking water supply to the habitants.					Agreed. The individual flat owners have installed their own RO system.
vi.	The wastewater generated from swimming pool(s) shall not be discharged and the same shall be reused within the premises for purposes such as horticulture, HVAC etc.					No Swimming Pool Provided in the Society.
vii.	A proper record regarding groundwater abstraction, water consumption, its reuse and disposal shall be maintained on daily basis and shall maintain a record of readings of each such meter on daily basis.					Agreed. Water meter is being provided at the submersible pump and STP outlet. Record of the same is being maintained and is being checked by CGWA/ PWRDA and PPCB officials during their respective visits.
viii.	Rainwater harvesting/ recharging systems shall be operated and maintained properly as per CGWA guidelines and maintenance schedule submitted by the project proponent.					Agreed. 4 rain water recharging pits of size 8m x 4m has been provided at suitable pockets with dual bore. Thus, total 8 number of rain water recharging pits have been provided. The rain water recharging plan is implemented as per the duly Signed Approved Report on RWH & Artificial Recharge to Ground Water of Regional Director of CGWB, Chandigarh.
ix.	The facilities provided for collection, segregation, handling, on site storage & processing of solid waste such as chute system, wet & dry bins, collection centre & mechanical composter etc. shall be properly maintained. The collected solid waste shall be segregated at site. The recyclable solid waste shall be sold out to the authorized vendors for which a written tie-up must be done with the authorized recyclers. Organic waste shall be composted by mechanical composters with a minimum capacity of 0.3kg/tenement/day and the inert solid waste shall be sent to the					Agreed. Solid waste is being collected from door to door. The collection, segregation and disposal of the solid waste is being done as per the Solid Waste Management Rules, 2016. However, no Mechanical Composter has been installed and neither separate chute system has been provided for dry and wet waste, as no such condition exists in the Building Approval & Sanction Plans by the Municipal Council, Zirakpur. Also, Assurance letter has been obtained from MC, Zirakpur regarding the solid

	concerned collection centre of integrated municipal solid waste management facility of the area. A proper record in this regard shall be maintained.	waste collection and disposal; copy of the same is attached as <b>Annexure 2</b> . Further, Completion/ Occupation Certificate have also been obtained from Municipal Council, Zirakpur vide Letter No. 3756, dated: 18.02.2020; copy of the same is enclosed as <b>Annexure 3</b> .
x.	Hazardous waste/E-waste should be disposed of as per Rules applicable and with the necessary approval of the Punjab Pollution Control Board.	Since, it is a housing project. Thus, no major hazardous waste or biomedical waste is being produced except spent oil of DG sets which is being given to PPCB approved recyclers.
xi.	Traffic congestion near the entry and exit points from the roads adjoining the proposed project site must be avoided. Parking should be fully internalized and no public space should be utilized.	Agreed. Adequate parking space has been provided within the project premises. Entry and Exit point are so designed that there is no traffic congestion. Photographs showing the parking area is enclosed as <b>Annexure 4</b> .
xii.	The project proponent before allowing any occupancy shall obtain completion and occupancy certificate from the Competent Authority and submit a copy of the same to the SEIAA, Punjab.	Agreed. Completion/ Occupation Certificate have also been obtained from Municipal Council, Zirakpur vide Letter No. 3756, dated: 18.02.2020; copy of the same is enclosed as <b>Annexure 3</b> .
xiii.	The green belt along the periphery of the plot shall achieve attenuation factor conforming to the day and night noise standards prescribed for residential land use.	Agreed. Adequate green belt is provided along the boundary and inside the premises to keep the environment safe. Photographs showing the green area provided within the project premises and along the boundary are attached at <b>Annexure 4</b> .
xiv.	Solar power plant and other solar energy related equipment shall be operated and maintained properly.	Solar Street lights have been provided on the path ways and being maintained properly.
xv.	A report on the energy conservation measures conforming to energy conservation norms should be prepared incorporating details about machinery of air conditioning, lifts, lighting, building materials, R & U Factors etc. and submitted to the respective Regional office of MoEF&CC, the Zonal Office of CPCB and the SPCB/SEIAA in three months time.	The maximum possible energy saving scheme is being adopted. LED lights have been provided in all the common areas.

**Part B. General Conditions:**

- I. Pre-Construction Phase**  
**II. Construction Phase:** Project is in operational phase.  
**III. Operation Phase and Entire Life**

S. No.	Conditions	Reply
i.	<p>a) The entire cost of the environmental management plan will continue to be borne by the project proponent until the responsibility of environmental management plan is transferred to the occupier/ residents society under proper MOU under intimation to SEIAA, Punjab. The project proponent shall spend minimum amount as proposed in the EMP.</p> <p>b) 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, regarding Corporate Environment Responsibility (CER).</p>	<p>CA Certificate along with the budgetary details for activities undertaken under Environment Management Plan is enclosed as <b>Annexure 5</b>.</p> <p>Rs. 22.05 lakhs have been spent under Remediation Plan and Natural and Community Resource Augmentation Plan. The details of the activities undertaken are given below:</p> <ul style="list-style-type: none"><li>• Rs. 7.50 lakhs for construction of rain water harvesting works at Guruduwara Shri Guru Singh Sabha, Lohgarh, Zirakpur dated 12.03.2020.</li><li>• Rs.4.55 lakhs on Horticulture &amp; Green Area Development works at Govt. Sr. Secondary School, Lohgarh, Zirakpur dated 21.08.2019.</li><li>• Rs. 7.50 lakhs for Rain Water Harvesting works at Govt. Sr. Secondary School, Lohgarh, Zirakpur dated 21.11.2019.</li><li>• Rs. 2.50 lakhs for Horticulture &amp; Green Area Development works at Govt. ITI, Derabassi at Zirakpur dated 21.08.2019.</li></ul>
ii.	<p>The diesel generator sets to be provided shall conform to the provisions of Diesel Generator Set Rules prescribed under the Environment (Protection) Act, 1986. The exhaust pipe of DG set if installed must be</p>	<p>Agreed. Diesel generator sets conform to the provisions of Diesel Generator Set Rules prescribed under the Environment (Protection) Act, 1986.</p>

	minimum 10 m away from the building or in case it is less than 10 m away, the exhaust pipe shall be taken up to 3 m above the building.	
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**PART-C – Conditions common for all the three phases i.e. Pre-Construction Phase, Construction Phase and Operation Phase & Entire Life**

S. No.	Conditions	Reply
i.	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, 2010.	No appeal has been done against this environmental clearance issued within 30 days' time.
ii.	A first aid room will be provided in the project during construction and operation of the project.	Agreed. First aid kit has been provided at Security Guards room at entrance of Rail Vihar Society. Photographs of the same is attached within the <b>Annexure 4</b> .
iii.	Construction of the STP, solid waste, e-waste, hazardous waste, storage facilities tubewell, DG Sets, Utilities etc. earmarked by the project proponent on the layout plan, should be made in the earmarked area only. In any case the position/location of these utilities should not be changed later-on.	Agreed. These utilities has been provided in the earmarked area as per the layout plan.
iv.	The environmental safeguards contained in the application of the promoter/ mentioned during the presentation before State Level Environment Impact Assessment Authority/ State Expert Appraisal Committee should be implemented in letter and spirit.  5	Agreed. The environmental safeguards is being implemented in true spirit.
v.	Ambient air & noise levels should conform to prescribed standards both during day and night. Incremental pollution loads on the ambient air quality, noise especially during worst noise generating activities, water quality and soil should be periodically monitored during construction phase as well as operation & entire life phase as per the MoEF&CC guidelines and all the mitigation measures should be taken to	Agreed. The monitoring of ambient air and noise levels has been done and results are within the permissible limits. Test report are enclosed as <b>Annexure 6</b> .

	bring down the levels within the prescribed standards	
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 etc. shall be obtained, by project proponents from the other statutory bodies as applicable. The project proponent shall also obtain permission from the NBWL, if applicable.	Agreed. All necessary approvals have been obtained as and when required. Such as: <ul style="list-style-type: none"> <li>• Renewal of Consent to Operate has been obtained from PPCB; copy of the same is attached as <b>Annexure 1</b>.</li> <li>• Assurance letter has been obtained from MC, Zirakpur regarding the solid waste collection and disposal; copy of the same is attached as <b>Annexure 2</b>.</li> <li>• NOC has been obtained from Fire Department; copy of the same is attached along as <b>Annexure 7</b>.</li> <li>• Structural Safety Certificate is attached along as <b>Annexure 8</b>.</li> <li>• Punjab Water Regulation and Development Authority (PWRDA) NOC has been obtained; copy of the same is enclosed as <b>Annexure 9</b>.</li> </ul>
vii.	The State Environment Impact Assessment Authority, Punjab reserves the right to add additional safeguards/ measures subsequently, if found necessary, and to take action including revoking of the environmental clearance under the provisions of the Environmental (Protection) Act, 1986, to ensure effective implementation of the suggested safeguards/ measures in a time bound and satisfactory manner.	All the necessary measures have been taken and implemented properly. However, the project is in process to hand over to Resident Welfare Association (RWA). Thus, the additional measures will be taken care by them in future.
viii.	A proper record showing compliance of all the conditions of environmental clearance shall be maintained and made available at site at all the times.	Agreed. Proper record showing compliance of all the conditions of environmental clearance is being maintained and is available at project at all times.
ix.	The project proponent shall also submit half yearly compliance reports in respect of the stipulated prior environmental clearance terms & conditions including results of monitored data (both in hard & soft copies) to the respective Regional office of MoEF, the Zonal Office of CPCB, the SPCB and SEIAA, Punjab on	Agreed. Six monthly compliance reports in respect of the stipulated prior environmental clearance terms & conditions including results of monitored data is being submitted to RO, MoEF&CC, Chandigarh and SEIAA, Punjab.

	1 <sup>st</sup> June and 1 <sup>st</sup> December of each calendar year.	
x.	Officials from the Regional Office of Ministry of Environment & Forests, Chandigarh/ State Level Environment Impact Assessment Authority/ State Level Expert Appraisal Committee/ Punjab Pollution Control Board who would be monitoring the implementation of environmental safeguards should be given full cooperation, facilities and documents/ data by the project proponents during their inspection. A complete set of all the documents submitted to State Environment Impact Assessment Authority should be forwarded to the APCCF, Regional Office of Ministry of Environment & Forests, Chandigarh.	Agreed. Full cooperation, facilities and data will be provided for the implementation of environmental safeguards to officials of statutory bodies during their inspection at project.
xi.	In the case of any change(s) in the scope of the project, the project would require a fresh appraisal by State Environment Impact Assessment Authority.	Agreed. Fresh application will be submitted to SEIAA, Punjab, if any changes/expansion will be done.
xii.	Environmental clearance is subject to final order of the Hon'ble Supreme Court of India in the matter of Goa Foundation Vs. Union of India in Writ Petition (Civil) No. 460 of 2004 as may be applicable to this project and decisions of any competent court, to the extent applicable.	Agreed.
xiii.	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&CC, SEIAA, Punjab the respective Zonal Office of CPCB and the SPCB. The criteria pollutant levels for all the parameters of NAAQM standards shall be monitored and displayed at a convenient location near the main gate of the company in the public domain.  7	Agreed. The Environment Clearance compliance will be uploaded on the website. Also, the display board has been provided at the suitable location near the main gate.
xiv.	The project proponent shall submit action plan specifying the timeline for completion of activities under Corporate	The Remediation Plan and Natural and Community Resource Augmentation Plan has already been submitted to

	Social Environment Responsibility to the concerned Regional office of Punjab Pollution Control Board for the monitoring of the same, within 30 days from the date of issuance of the environmental clearance letter.	PPCB.
x v.	The inlet and outlet point of natural drain system should be maintained with adequate size of channel for ensuring unrestricted flow of water. The unpaved area shall be more than or equal to 20% of the recreational open spaces	No Natural Drain in the Complex.
x v i.	Environmental Management Cell shall be formed during operation phase which will supervise and monitor the environment related aspects of the project.	Agreed. The project is in process to handover to Resident Welfare Association (RWA). Thus, the monitoring and supervision of environment related aspects will be taken care by Resident Welfare Association (RWA).
x v ii .	The plantation should be provided as per SEIAA guidelines and as per notification dated 09.12.2016 issued by MoEF&CC, New Delhi.	Adequate green area has been provided within the project premises as per the approved plan by MC, Zirakpur. Photographs showing the green area are enclosed as <b>Annexure 4</b> .
x v ii i.	The project proponent shall not use any chemical fertilizer/ pesticides/ insecticides and shall use only Herbal pesticides/ insecticides and organic manure in the green area.	Agreed. No chemical based fertilizer/ pesticides/ insecticides are being used on to the green area provided within the project premises.





**PUNJAB POLLUTION CONTROL BOARD**  
 Zonal Office-1, Vatavaran Bhawan, Nabha Road, Patiala – 147001  
 Website:- www.ppcb.gov.in



Office Dispatch No : \_\_\_\_\_ Registered/Speed Post \_\_\_\_\_ Date: \_\_\_\_\_

Industry Registration ID: O16SAS4074435 Application No : 24795734

To,

**Gurdeep Singh**  
 Rail Vihar, At Vip Road, Zirakpur  
 Zirakpur, Mohali-140603

Subject: **Renewal of consent to operate granted under section 21 of the Air (Prevention & Control of Pollution) Act, 1981**

**1. Particulars of Consent to Operate under Air Act, 1981 granted to the industry**

Consent to Operate Certificate No.	CTOA/Renewal/SAS/2024/24795734
Date of issue :	28/03/2024
Date of expiry :	31/03/2025
Certificate Type :	Renewal
Previous CTO No. & Validity :	CTOA/Renewal/SAS/2022/19007755 From:22/07/2022 To:31/03/2024

**2. Particulars of the Industry**

Name & Designation of the Applicant	Gurdeep Singh, (Spe/ Chandigarh)
Address of Industrial premises	Indian Railway Welfare Organisation (irwo)/ Rail Vihar, Rail Vihar, Village Bishampura, At Vip Road, Zirakpur, Tehsil Dera Bassi, Distt. Mohali, Derabassi, Sas Nagar-140603
Capital Investment of the Industry	16075.42 lakhs
Category of Industry	Red
Type of Industry	Building, Const. projects, Township & Area development ..... covered under EIA notification dated 14/9/06
Scale of the Industry	Large
Office District	Sas Nagar

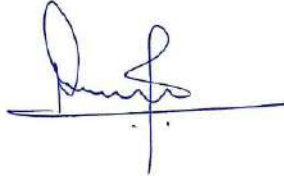
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Indian Railway Welfare Organisation (irwo)/ Rail Vihar, Rail Vihar, Village Bishampura, At Vip Road, Zirakpur, Tehsil Dera Bassi, Distt. Mohali, Derabassi, Sas Nagar, 140603

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All the term and conditions same as mentioned in the consent no. CTOA/Renewal/SAS/2022/19007755 dated 20/7/2022 (valid upto 31/3/2024), is hereby extended upto 31/3/2025. This extension letter may be appended with the original consent letter issued to the industry and subsequent extension letters with the following additional conditions that:

- 1)The project proponent shall regularly operate & maintain its sewage treatment plant (STP) and the treated effluent shall be utilized for flushing purpose or discharged onto land for plantation/ irrigation or into MC sewer conforming to the effluent standards prescribed by the Board for such discharges. Further, the promoter company shall maintain proper record regarding the operation of its sewage treatment plant (STP) at all times and make it available to the officer of the Board during the conduct of visit, without fail.
- 2)The project proponent shall ensure that no effluent from plantation area is going into any choe/ drain directly or indirectly.



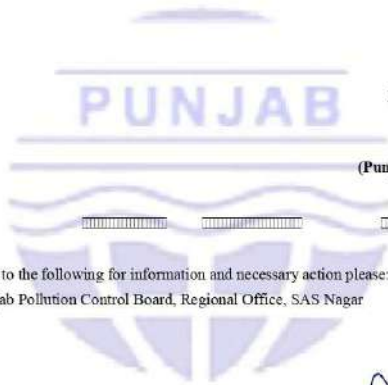
28/03/2024

**(Rajeev Gupta)**  
**Environmental Engineer**

For & on behalf

of

**(Punjab Pollution Control Board)**

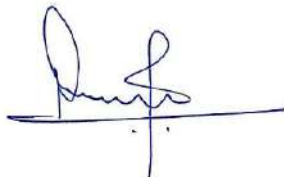


Endst. No.: [REDACTED]

Dated:

A copy of the above is forwarded to the following for information and necessary action please:

- 1) Environmental Engineer, Punjab Pollution Control Board, Regional Office, SAS Nagar



28/03/2024

**(Rajeev Gupta)**  
**Environmental Engineer**

For & on behalf

of

**(Punjab Pollution Control Board)**

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Indian Railway Welfare Organisation (IRWO), Rail Vihar, Rail Vihar, Village Bishanpura, At Vijn Road, Zirakpur, Tehsil Dera Bassi, Distt. Mohali, Derabassi, Sas Nagar, 140603

Page 2



Office Dispatch No : \_\_\_\_\_ Registered/Speed Post \_\_\_\_\_ Date: \_\_\_\_\_  
Industry Registration ID: *O16SAS4074435* Application No : *24795850*

To,  
**Gurdeep Singh**  
Rail Vihar, At Vip Road, Zirakpur  
Zirakpur, Mohali-140603

Subject: Renewal of consent to operate granted under section 25/26 of the Water (Prevention & Control of Pollution) Act, 1974

**1. Particulars of Consent to Operate under Water Act, 1974 granted to the industry**

Consent to Operate Certificate No.	<i>CTOW/Renewal/SAS/2024/24795850</i>
Date of issue :	<i>28/03/2024</i>
Date of expiry :	<i>31/03/2025</i>
Certificate Type :	<i>Renewal</i>
Previous CTO No. & Validity :	<i>CTOW/Renewal/SAS/2023/20836902</i> <i>From:15/03/2023 To:31/03/2024</i>

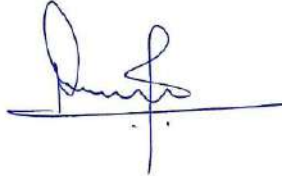
**2. Particulars of the Industry**

Name & Designation of the Applicant	<i>Gurdeep Singh, (Spe/ Chandigarh)</i>
Address of Industrial premises	<i>Indian Railway Welfare Organisation (irwo)/ Rail Vihar, Rail Vihar, Village Bishanpura, At Vip Road, Zirakpur, Tehsil Dera Bassi, Distt. Mohali, Derabassi, Sas Nagar-140603</i>
Capital Investment of the Industry	<i>16075.42 lakhs</i>
Category of Industry	<i>Red</i>
Type of Industry	<i>Building, Const. projects, Township &amp; Area development ..... covered under EIA notification dated 14/9/06</i>
Scale of the Industry	<i>Large</i>
Office District	<i>Sas Nagar</i>

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All the term and conditions same as mentioned in the consent no. CTOW/Renewal/SAS/2023/20836902 dated 15/3/2023 (valid upto 31/3/2024), is hereby extended upto 31/3/2025. This extension letter may be appended with the original consent letter issued to the industry and subsequent extension letters with the following additional conditions that:

- 1) The project proponent shall regularly operate & maintain its sewage treatment plant (STP) and the treated effluent shall be utilized for flushing purpose or discharged onto land for plantation/ irrigation or into MC sewer conforming to the effluent standards prescribed by the Board for such discharges. Further, the promoter company shall maintain proper record regarding the operation of its sewage treatment plant (STP) at all times and make it available to the officer of the Board during the conduct of visit, without fail.
- 2) The project proponent shall ensure that no effluent from plantation area is going into any choe/ drain directly or indirectly.



28.03/2024

**(Rajeev Gupta)**  
**Environmental Engineer**

*For & on behalf*

*of*

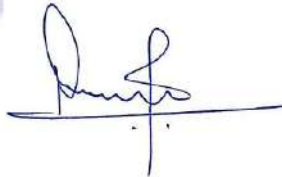
**(Punjab Pollution Control Board)**

Endst. No.: [REDACTED]

[REDACTED] Dated:

A copy of the above is forwarded to the following for information and necessary action please:

- 1) Environmental Engineer, Punjab Pollution Control Board, Regional Office, SAS Nagar



28.03/2024

**(Rajeev Gupta)**  
**Environmental Engineer**

*For & on behalf*

*of*

**(Punjab Pollution Control Board)**

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*Indian Railway Welfare Organisation (irwo)/ Rail Vihar, Rail Vihar, Village Bishanpura, At Vip Road, Zirakpur, Tehsil Dera Bassi, Distt. Mohali, Derabassi, Sas  
Nagar, 140603*

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OFFICE OF THE  
**MUNICIPAL COUNCIL, ZIRAKPUR**

(Distt. S.A.S. Nagar)

**ਦਫ਼ਤਰ ਨਗਰ ਕੌਂਸਲ, ਜੀਰਕਪੁਰ (ਜ਼ਿਲ੍ਹਾ ਐਸ.ਏ.ਐਸ.ਨਗਰ)**

ਨੰਬਰ...316.6.....


ਮਿਤੀ...28/9/15.

ਵੱਲ,

General Manager (Chandigarh)  
Northern Railway Construction Office Complex  
Near Railway Station  
Chandigarh.  
(Indian Railway Welfare Organisation)

ਵਿਸ਼ਾ :- ਸੇਲਡ ਵੈਸਟ ਮਟੀਰੀਅਲ ਅਤੇ ਗਾਰਬੇਜ਼ ਚੁੱਕਣ ਬਾਰੇ।

ਉਪਰੋਕਤ ਵਿਸ਼ੇ ਸਬੰਧੀ ਆਪ ਦਾ ਪੱਤਰ ਪ੍ਰਾਪਤ ਹੋਇਆ ਹੈ। ਆਪ ਵੱਲੋਂ ਵੈਸਟ ਮਟੀਰੀਅਲ ਅਤੇ ਗਾਰਬੇਜ਼ ਚੁੱਕਣ ਸਬੰਧੀ ਬੇਨਤੀ ਕੀਤੀ ਗਈ ਹੈ। ਇਸ ਸਬੰਧੀ ਆਪ ਨੂੰ ਲਿਖਿਆ ਜਾਂਦਾ ਹੈ ਕਿ ਨਗਰ ਕੌਂਸਲ, ਜੀਰਕਪੁਰ ਵੈਸਟ ਮਟੀਰੀਅਲ ਅਤੇ ਗਾਰਬੇਜ਼ ਚੁੱਕਣ ਅਤੇ ਸੁੱਟਣ ਦਾ ਪ੍ਰਬੰਧ ਕਰੇਗੀ ਅਤੇ ਇਸ ਸਬੰਧੀ ਆਉਣ ਵਾਲਾ ਖਰਚਾ ਆਪ ਵੱਲੋਂ ਅਦਾ ਕੀਤਾ ਜਾਵੇਗਾ।

  
ਕਾਰਜ ਸਾਧਕ ਅਫ਼ਸਰ,  
ਨਗਰ ਕੌਂਸਲ, ਜੀਰਕਪੁਰ।

OFFICE OF THE  
**MUNICIPAL COUNCIL, ZIRAKPUR**  
 (Distt. S.A.S. Nagar)

ਦਫਤਰ ਨਗਰ ਕੌਂਸਲ, ਜੀਰਕਪੁਰ (ਜਿਲ੍ਹਾ ਐਸ਼ ਦੇ ਐਸ਼ ਨਗਰ)

ਨੰਬਰ 3756

ਮਿਤੀ 18-02-2020

ਵੱਲ,

ਮੈਸ: ਇੰਡੀਅਨ ਰੇਲਵੇ ਵੈਲਫੇਅਰ ਐਂਡਗਨਾਇਜ਼ੇਸ਼ਨ (IRWO)  
 ਪ੍ਰੋਜੈਕਟ ਨੇਮ :- ਰੇਲ ਵਿਹਾਰ,  
 ਵੀ.ਆਈ.ਪੀ. ਰੋਡ, ਜੀਰਕਪੁਰ।

ਵਿਸ਼ਾ - ਰੇਲ ਵਿਹਾਰ, ਵੀ.ਆਈ.ਪੀ. ਰੋਡ ਦੇ ਰਿਹਾਇਸ਼ੀ ਗਰੁੱਪ ਹਾਊਸਿੰਗ ਪ੍ਰੋਜੈਕਟ ਲਈ ਕੰਪਲੀਸ਼ਨ/ਆਰੂਪੇਸ਼ਨ ਸਰਟੀਫਿਕੇਟ ਜਾਰੀ ਕਰਨ ਸਬੰਧੀ।

ਉਪਰੋਕਤ ਵਿਸ਼ੇ ਦੇ ਸੰਬੰਧ ਵਿੱਚ ਆਪ ਵੱਲੋਂ ਬਿਲਡਿੰਗ ਕੰਪਲੀਟ ਹੋਣ ਉਪਰਾਂਤ ਇਸ ਦਫਤਰ ਵਿਖੇ ਆਪ ਵੱਲੋਂ ਦਿੱਤੀ ਗਈ ਪ੍ਰਤੀ ਬੇਨਤੀ ਨੂੰ ਮੰਨਦੇ ਹੋਏ, ਆਪ ਦੇ ਰਿਹਾਇਸ਼ੀ ਗਰੁੱਪ ਹਾਊਸਿੰਗ ਪ੍ਰੋਜੈਕਟ ਦੇ 443 ਫਲੈਟਾਂ ਨੂੰ ਕੰਪਲੀਸ਼ਨ/ਆਰੂਪੇਸ਼ਨ ਸਰਟੀਫਿਕੇਟ ਨਿਮਨਲਿਖਤ ਸ਼ਰਤਾਂ ਤੇ ਜਾਰੀ ਕੀਤਾ ਜਾਂਦਾ ਹੈ :-

- 1 ਕਿ ਕੰਪਨੀ ਫਾਇਰ ਸੇਫਟੀ ਅਤੇ ਵਾਤਾਵਰਣ ਕਲੀਰੈਂਸ ਦੇ ਪ੍ਰਬੰਧਾਂ ਨੂੰ ਤਵਿੱਖ ਵਿੱਚ ਚਾਲੂ ਰੱਖਣ ਅਤੇ ਮੇਨਟੇਨ ਕਰਨ ਦੇ ਪਾਬੰਦ ਹੋਵੇਗੀ, ਅਤੇ ਫਾਇਰ ਸੇਫਟੀ ਸਰਟੀਫਿਕੇਟ ਹਰ ਸਾਲ ਰਨਿਊ ਕਰਵਾ ਕੇ ਦੇਣਾ ਆਪ ਦੀ ਨਿੱਜੀ ਜ਼ਿੰਮੇਵਾਰੀ ਹੋਵੇਗੀ।
- 2 ਸਰਕਾਰ ਦੀਆਂ ਹਦਾਇਤਾਂ ਅਨੁਸਾਰ ਜਿਸ ਵੀ ਵਿਭਾਗ ਦੀ ਐਨ.ਓ.ਸੀ. ਲੋੜੀਂਦੀ ਹੈ ਉਸ ਨੂੰ ਲੈਣ ਦੇ ਪਾਬੰਦ ਹੋਵੇਗੀ ਅਤੇ ਸਰਕਾਰ ਵੱਲੋਂ ਸਮੇਂ-ਸਮੇਂ ਸਿਰ ਜਾਰੀ ਹਦਾਇਤਾਂ ਦੀ ਪਾਲਣਾ ਕਰਨੀ ਜ਼ਰੂਰੀ ਹੋਵੇਗੀ।
- 3 ਇਸ ਬਿਲਡਿੰਗ ਵਿੱਚ ਕਿਸੇ ਵੀ ਤਰ੍ਹਾਂ ਦੀ ਅਫ਼ੀਸਨ ਅਲਟਰੇਸਨ ਦੀ ਪੂਰਵ ਪ੍ਰਵਾਨਗੀ ਲੈਣ ਦੇ ਪਾਬੰਦ ਹੋਵੇਗੀ।
- 4 The Person with disability equal opportunities protection of right & full participation Act, 1955 ਅਤੇ ਰੇਲ ਹਾਰਵੇਸਟਿੰਗ ਸਿਸਟਮ ਅਤੇ ਐਸ.ਟੀ.ਪੀ. ਦਾ ਪ੍ਰਬੰਧ ਹਮੇਸ਼ਾ ਚਾਲੂ ਹਾਲਤ ਵਿੱਚ ਰੱਖਣਾ ਆਪ ਦੀ ਨਿੱਜੀ ਜ਼ਿੰਮੇਵਾਰੀ ਹੋਵੇਗੀ।
- 5 ਸਰਕਾਰ ਦੀਆਂ ਹਦਾਇਤਾਂ ਅਨੁਸਾਰ ਪਾਰਕਿੰਗ ਸਬੰਧੀ ਹਦਾਇਤਾਂ ਅਤੇ ਸਰਕਾਰ ਵੱਲੋਂ ਸਮੇਂ-ਸਮੇਂ ਸਿਰ ਜਾਰੀ ਹਦਾਇਤਾਂ ਅਨੁਸਾਰ ਨਿਯਮਾਂ ਦੀ ਪਾਲਣਾ ਕਰਨੀ ਆਪ ਦੀ ਜ਼ਿੰਮੇਵਾਰੀ ਹੋਵੇਗੀ।
- 6 ਗਰੁੱਪ ਹਾਊਸਿੰਗ ਪ੍ਰੋਜੈਕਟ ਨੂੰ ਹੇਂਡਓਵਰ ਕਰਨ ਤੋਂ ਪਹਿਲਾਂ ਪ੍ਰੋਜੈਕਟ ਸਬੰਧੀ ਮੈਨਟੀਨੈਂਸ ਅਤੇ ਲਿਫਟਾਂ, ਟਿਊਬਵੈਲ, ਐਸ.ਟੀ.ਪੀ., ਫਾਇਰ ਫਾਇਟਿੰਗ ਸਿਸਟਮ ਚਾਲੂ/ਸਹੀ ਹਾਲਤ ਵਿੱਚ ਦੇਣਾ ਆਪ ਦੀ ਨਿੱਜੀ ਜ਼ਿੰਮੇਵਾਰੀ ਹੋਵੇਗੀ।
- 7 ਕਿਸੇ ਵੀ ਸਮੇਂ ਜੇਕਰ ਆਪ ਦੇ ਪ੍ਰੋਜੈਕਟ ਸਬੰਧੀ ਕੋਈ ਬਕਾਇਆ ਆਦਿ ਨਿਕਲਦਾ ਹੋਇਆ ਤਾਂ ਆਪ ਉਸ ਨੂੰ ਨਗਰ ਕੌਂਸਲ ਦੇ ਖਾਤੇ ਵਿੱਚ ਜਮ੍ਹਾਂ ਕਰਵਾਉਣ ਦੇ ਪਾਬੰਦ ਹੋਵੇਗੀ।
- 8 ਆਪ ਆਪਣੇ ਪ੍ਰੋਜੈਕਟ ਲਈ ਰੋਗਾ ਦੀਆਂ ਨਿਯਮਾਂ/ਰੂਲਾਂ/ਹਦਾਇਤਾਂ ਅਤੇ ਬਿਲਡਰ ਲਾਇਸੈਂਸ/ਕਲੋਨੀ ਲਾਇਸੈਂਸ ਦੀਆਂ ਹਦਾਇਤਾਂ ਦੀ ਪਾਲਣਾ ਕਰਨੀ ਆਪ ਦੀ ਨਿੱਜੀ ਜ਼ਿੰਮੇਵਾਰੀ ਹੋਵੇਗੀ।
- 9 ਸਰਕਾਰ ਦੀ ਈ.ਡਬਲਯੂ.ਐਸ. ਫਲੈਟਾਂ ਦੀ ਡਿਸਪੋਜਲ ਸਬੰਧੀ ਕੰਪਨੀ ਵੱਲੋਂ ਪਹਿਲਾਂ ਹੀ ਲਿਖ ਕੇ ਦਿੱਤਾ ਗਿਆ ਹੈ ਕਿ ਉਹ ਈ.ਡਬਲਯੂ.ਐਸ. ਫਲੈਟਾਂ ਦੀ ਪਾਲਸੀ ਨੋਟੀਫਿਕੇਸ਼ਨ ਨੰ: DIP(LG)-2016/2361 ਮਿਤੀ The 24 October, 2016 ਦੀ ਐਪਸਨ ਨੰ: 1 ਦੇ ਪੰਰਾ ਨੰ: 2.1 ਦੀ ਇੰਨ-ਬਿੰਨ ਪਾਲਣਾ ਕਰਨ ਦੇ ਪਾਬੰਦ ਹੋਣਗੇ।

ਉਪਰੋਕਤ ਅਨੁਸਾਰ ਪਾਲਣਾ ਨਾ ਕਰਨ ਦੀ ਸੂਰਤ ਵਿੱਚ ਆਪ ਦਾ ਕੰਪਲੀਸ਼ਨ/ਆਰੂਪੇਸ਼ਨ ਸਰਟੀਫਿਕੇਟ ਰੱਦ ਕਰ ਦਿੱਤਾ ਜਾਵੇਗਾ।

ਕਾਰਜ ਅਧਿਕ ਅਫ਼ਸਰ,  
 ਨਗਰ ਕੌਂਸਲ ਜੀਰਕਪੁਰ।



Parking Area



First Aid Kit

**Buffer Zone of Green Belt around the Sewerage Treatment Plant**



**Green Areas/ Trees Planted within the Project**







Sewage Treatment Plant



Fire Fighting Equipment



DG Set

# UCC & Associates LLP

Chartered Accountants

Phone : +91-11-66624518/19  
E-mail : info@uccglobal.in  
Website : www.uccglobal.in

## CERTIFICATE

We UCC & Associates LLP, Chartered Accountants hereby certify that Indian Railway Welfare Organization (IRWO), who has constructed 'RAIL VIHAR' Group Housing Project at: VIP Road, Zirakpur, District - Mohali, Punjab consisting of 443 Dwelling Units including subsidized (EWS) 44 Dwelling Units for Common Public under EWS category has incurred capital expenditure on Environment Management Plan of Rs. 138.92 Lakh till 31<sup>st</sup> March, 2017.

The details of cost under EMP is given Below: -

Sr No.	Particulars	Capital Cost (INR Lakh)
1	Rain Water Harvesting & Solid Waste Management	44.86
2	Green Area Development	18.58
3	Environment Friendly Diesel Generator (DG) Sets (2x320 KVA)	43.43
4	Sewerage Treatment Plant of 300 KLD (2x150 KLD)	26.22
5	Piezometer/ Digital Water Level Recorder	5.83
	<b>TOTAL</b>	<b>138.92</b>

UDIN Certificate No. 19515154AAAAA3230

UCC Certificate No. UCC/NPO/2018-19/02/01

For UCC & Associates LLP  
Chartered Accountants  
FRN: 010585N/N500017

(CHARAN JEET, FCA)  
Partner  
M.No.: 515154



Place : New Delhi  
Date : 12/02/2019

Regd. Off. : 1315, Ansal Tower, 38, Nehru Place, New Delhi - 110 019

C. O. : B-1/02, Palm Grove Villa, Ardee City, Gate No. 1, Sector-52, Gurgaon-122011 Ph. : +91-124-4081898

B. O. : # 1201, Ansal Corporate Park, Plot No. 7-A, Sector-142, Noida - 201305 (U. P.)



भारतीय रेल कल्याण संगठन  
INDIAN RAILWAY WELFARE ORGANISATION

To WHOMSOEVER IT MAY CONCERN

UNDERTAKING

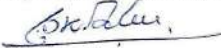
It is certified that Indian Railway Welfare Organization (IRWO) has constructed 'RAIL VIHAR' Group Housing Project at VIP Road, Zirakpur, District - Mohali, Punjab consisting of 443 Dwelling Units including subsidized (EWS) 44 Dwelling Units for Common Public under EWS category.

The details of cost under EMP is given below.

Sr No.	Particulars	Annual Recurring Cost (INR Lakh/year)
1	Rain Water Harvesting & Solid Waste Management	44.86
2	Green Area Development	18.58
3	Diesel Generator (DG) Sets (2x320 KVA)	43.43
4	Sewerage Treatment Plant of 300 KLD (2x150 KLD)	26.22
5	Piezometer/ Digital Water Level Recorder	5.83
	<b>TOTAL</b>	<b>138.92</b>

Date: 05-02-2019

For Indian Railway Welfare Organization

  
(S K Patni)

Additional General Manager Finance

S. K. PATNI  
Addl. General Manager (F)  
Indian Railway Welfare Organisation  
New Delhi-110001



**CENTRE FOR INDUSTRIAL TESTING AND RESEARCH ORGANIZATION**

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TEST REPORT Page 01 of 01  
Format No. : CITRO/QSF/0716

ISSUED TO: M/s Indian Railway Welfare Organization Rail Vihar, Zirakpur (Punjab) (140507)	Report No.	CITRO/QC/281223/ 173 (2)
	Issue date	05-01-2024
	Reg. No. & Date	23-12-38 & 28-12-2023
	Customer Ref. & Date	NA
Sample Receipt Date: 28-12-2023	Analysis Start Date: 28-12-2023	Analysis Completion Date: 05-01-2024

A. Particulars of the Sample:			
Name of Sample	Soil Sample	Testing as Per	NA
Brand Name (If any)/ Location	NA	Declared Values (If any)	NA
Sample Code No.	NA	Batch No. & D.O.M.	NA
Sample Quantity	1Kg Approx	Mode of Packing	Packed in Polythene Bag
Discipline	Chemical	Group	Pollution Environment
Seal	NA	IO's Signature	NA
Any Other Information	Sample collected by lab rep. on dated 27-12-2023, Purpose: For Environment Monitoring Purpose.		

B. Supplementary Information:	
1. Reference to Sampling Procedure	CITRO/QC/SOP/025
2. Supporting Documents for the Measurements Taken and Results Derived Like: Graphs/Tables/Sketches/Photographs as Appropriate to the Test Report (if any)	NA
3. Addition to, Deviations, or Exclusions from the Relevant Test Method/Work Instructions (if any)	NA

C. Test Results:			
S. No.	Test Parameters	Test Method	Test Result
1	Texture	CITRO/QC/STP/010	Sandy Loam
2	Bulk Density (gm/cc)	IS:2720 (Part-3):1980 RA 2016	1.56

D. Remarks: NA: Not Applicable



Chandan Bhardwaj  
 Section Incharge  
 (Reviewed By) 05-01-2024

Gaurav Goyal  
 Technical Head  
 (Authorized Signatory) 05-01-2024

Disclaimer: 1. Test results are related only to the items/sample tested, total liability of this lab is limited to invoiced amount only.  
2. Test report in full or parts shall not be used for promotional or publicity purpose.  
3. Sample stored after analysis as per Quality System Procedure.

**Address** : Village-Jawaharpur, opposite to Ind Swift Factory,  
Derabassi, Distt-SAS Nagar, Punjab-140507  
**Email** : info@citrolab.com  
**Contact us**: +91-8528969439, +91-9560228522  
**Website** : www.citrolab.com





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TEST REPORT Page 01 of 01
Format No. : CITRO/QSF/0716

Table with 2 columns: Issued To (M/s Indian Railway Welfare Organization) and Report No. (CITRO/QC/281223/ 173 (1)). Includes fields for Issue date, NABL ULR No., Reg. No. & Date, and Customer Ref. & Date.

Table A: Particulars of the Sample. Columns include Name of Sample, Brand Name, Location, Sample Code No., Sample Quantity, Discipline, Seal, and Any Other Information.

Table B: Supplementary Information. Lists reference to sampling procedure, supporting documents, and deviations from test methods.

Table C: Test Results. Columns: S. No., Test Parameters, Test Method, Test Result. Rows include pH, Conductivity, Organic Matter, and Moisture.

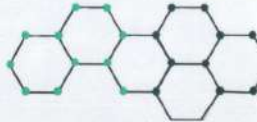
D. Remarks: NA; Not Applicable.

Signature and stamp of Chandan Bhardwaj, Section Incharge, dated 05-01-2024.

Signature and stamp of Gaurav Goyal, Technical Head, dated 05-01-2024.

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TEST REPORT Page 01 of 01
Format No. : CITRO/QSF/0716

Table with 2 columns: ISSUED TO (M/s Indian Railway Welfare Organization) and Report No. (CITRO/QC/281223/172). Includes Issue date, NABL ULR No., Reg. No. & Date, and Customer Ref. & Date.

Table with 2 columns: Name of Sample (Noise DG Set-2 (320 kVA) Monitoring) and Testing as Per (EPA -1986, PCLS:02/2021). Includes Discipline (Chemical) and Group (Atmospheric Pollution).

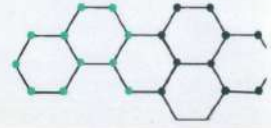
- General Information
1. Date of Monitoring : 27-12-2023
2. Time of Monitoring : 15:10 hrs
3. Purpose of Monitoring : For Environment Monitoring.
4. Source of Noise Pollution Monitored : DG Noise Set-2 ( 320 kVA)
a. Engine Sr. No. :DVS.810171520007
b. Make :Kiroloskar
c. Date of mfg. of DG set :15.01.2015
d. Date of Installation : 2015
e. Type approval no. : Not Provided by Party
6. Pollution Control Device (if any) : Acoustic Enclosure
7. Stack Height from Ground level to top, m : 7
8. Stack Height above roof level , m : Not Applicable
9. Location of Noise Generating Source (Top Floor, Ground Floor) :Ground Floor

Table with 5 columns: Sr. No., Test Parameter, Test Method, Requirement (EPA -1986, PCLS:02/2021), Test Results. Row 1: 1 meter away from Acoustic Enclosure, Leq dB(A); IS/ISO 8528 (P-10) 1998; Max.75.0; 74.1

- C. Supplementary Information:
1. Reference to Sampling Procedure: CITRO/QC/SOP/026
2. Supporting Documents for the Measurements Taken and Results Derived Like: NA
3. Addition to, Deviations, or Exclusions from the Relevant Test Method/Work Instructions (if any): NA

D. Remark: NA- Not Applicable, Requirements as per IS/ISO 19026:2015, PCLS:02/2021, Sampling Procedure - CITRO/QC/SOP/026.
Chandan Bhardwaj Section Incharge (Reviewed By)
Gaurav Goyal Technical Head (Authorized Signatory)

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TEST REPORT Page 01 of 01
Format No. : CITRO/QSF/0716

Table with 2 columns: ISSUED TO (M/s Indian Railway Welfare Organization) and Report No. (CITRO/QC/281223/171 (2)). Includes Issue date, Reg. No. & Date, Customer Ref. & Date, and Sample Receipt/Analysis/Completion dates.

A. Particulars of the Sample:

Table with 2 columns: Name of Sample (Stack DG Set (320 kVA)) and Testing as Per (EPA -1986, PCLS/02/2021). Includes Discipline (Chemical) and Group (Atmospheric Pollution).

General Information

- 1. Name of Emission Source monitored: Stack Emission of DG Set
a. Rated Capacity: 320 kVA
b. Capacity on Sampling day: 85%
c. Type of Fuel used & its Consumption: HSD & 22 liter per hour
d. Normal operating Schedule: As Required
2. Stack Identification: Stack attached to DG Set-2 (320 kVA)
3. Type of Stack/Duct (RCC/Metal): Metal
4. Stack Height from ground Level (m): 7
5. Diameter of the Stack (cm): 7.6
6. Sampling Duration (minutes): 66
7. Purpose of Monitoring: For Environment Monitoring.
8. Air pollution Control Measure: Not Exist
a. Status: -
b. Recovery of Material: -
9. Fugitive Emission, if any: Nil
Observations:
1. Flue Gas Temperature, °C, Avg.: 126
2. Flue Gas Velocity(m/s), Avg.: 10.65
3. Volumetric Flow Rate (Nm3/hr): 126.41
4. Ambient Air Temperature, °C: 13
B. Test Results:

Table with 5 columns: Sr. No., Test Parameter, Test Method, Requirements, Test Results. Contains data for Carbon Monoxide and Oxide of Nitrogen.

C. Remarks: NA - Not Applicable. Compliance as per EPA 1986 PCLS/02/2021, Sampling Procedure - CITRO/QC/SOP/026. Date of Monitoring: 28-12-2023

Chandan Bhardwaj
Section Incharge
(Reviewed By)
05-01-2024

Stamp: CITRO LAB TEST REPORT
Reviewed By: Gaurav Goyal
05-01-2024

Gaurav Goyal
Technical Head
(Authorized Signatory)
05-01-2024

Disclaimer: 1. Test results are related only to the items/sample tested, total liability of this lab is limited to invoiced amount only.
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Format No. : CITRO/QSF/0716

Table with 2 columns: ISSUED TO (M/s Indian Railway Welfare Organization) and Report No. (CITRO/QC/281223/171 (1)). Includes Issue date, NABL ULR No., Reg. No. & Date, Customer Ref. & Date, and Sample Receipt/Analysis/Completion dates.

A. Particulars of the Sample:

Table with 4 columns: Name of Sample (Stack DG Set -2 (320 kVA)), Discipline (Chemical), Testing as Per (EPA -1986, PCLS/02/2021), and Group (Atmospheric Pollution).

General Information

- 1. Name of Emission Source monitored: Stack Emission of DG Set
a. Rated Capacity: 320 kVA
b. Capacity on Sampling day: 85%
c. Type of Fuel used & its Consumption: HSD & 22 liter per hour
d. Normal operating Schedule: As Required
2. Stack Identification: Stack attached to DG Set-2 (320 kVA)
3. Type of Stack/Duct (RCC/Metal): Metal
4. Stack Height from ground Level (m): 7
5. Diameter of the Stack (cm): 7.6
6. Sampling Duration (minutes): 66
7. Purpose of Monitoring: For Environment Monitoring.
8. Air pollution Control Measure: Not Exist
a. Status: -
c. Recovery of Material: -
9. Fugitive Emission, if any: Nil

Observations:

- 1. Flue Gas Temperature, °C, Avg.: 126
2. Flue Gas Velocity(m/s), Avg.: 10.65
3. Volumetric Flow Rate (Nm3/hr): 126.41
4. Ambient Air Temperature, °C: 13

B. Test Results:

Table with 5 columns: Sr. No., Test Parameter, Test Method, Requirements, Test Results. Row 1: Particulate Matter (PM), g/kw-hr, IS: 1255 (P-1), 0.2 max., 0.14.

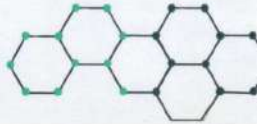
C. Remarks: NA - Not Applicable, Requirements as per EPA 1986 PCLS/02/2021, Sampling Procedure - CITRO/QC/SOP/026. Date of Monitoring: 28-12-2023

Signature of Chandan Bhattaraj, Section Incharge, (Reviewed By) 05-01-2024

Signature of Gaurav Goyal, Technical Head, (Reviewed By) 06-01-2024

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3. Sample stored after analysis as per Quality System Procedure.

Address : Village-Jawaharpur, opposite to Ind Swift Factory, Derabassi, Distt-SAS Nagar, Punjab-140507
Email : info@citrolab.com
Contact us: +91-8528969439, +91-9560228522
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CENTRE FOR INDUSTRIAL TESTING AND RESEARCH ORGANIZATION

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GST No. 03AANFC5610D1Z5



TEST REPORT Page 01 of 01
Format No. : CITRO/QSF/0716

Table with 2 columns: ISSUED TO (M/s Indian Railway Welfare Organization) and Report No. (CITRO/QC/281223/170). Includes Issue date, NABL ULR No., Reg. No. & Date, and Customer Ref. & Date.

Table with 3 columns: Name of Sample (Noise DG Set-1 (320 kVA) Monitoring), Testing as Per (EPA -1986, PCLS/02/2021), and Discipline (Chemical, Atmospheric Pollution).

A. Particulars of the Sample:

- General Information
1. Date of Monitoring : 27-12-2023
2. Time of Monitoring : 13:15 hrs
3. Purpose of Monitoring : For Environment Monitoring
4. Source of Noise Pollution Monitored : DG Noise Set-1 ( 320 kVA)
a. Engine Sr. No. :DV8.81017152005
b. Make :Kirloskar
c. Date of mfg. of DG set :14.01.2015
d. Date of Installation : 2015
e. Type approval no. : Not Provided by Party
6. Pollution Control Device (if any) : Acoustic Enclosure
7. Stack Height from Ground level to top, m : 7
8. Stack Height above roof level , m : Not Applicable
9. Location of Noise Generating Source (Top Floor, Ground Floor) :Ground Floor

B. Test Results: Table with 5 columns: Sr. No., Test Parameter, Test Method, Requirement (EPA -1986, PCLS/02/2021), Test Results. Row 1: 1 meter away from Acoustic Enclosure, Leq dB(A); IS/ISO 8528 (P-10)1998; Max.75.0; 74.0

C. Supplementary Information:

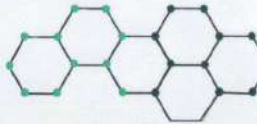
Table with 2 columns: Reference to Sampling Procedure (CITRO/QC/SOP/026) and Supporting Documents for the Measurements Taken and Results Derived Like (NA).

D. Remarks: NA. Not Applicable. Requirements as per EPA -1986 PCLS/2021, Sampling Procedure - CITRO/QC/SOP/026.

Handwritten signatures and stamps: Chandan Bhardwaj (Reviewed By), Gaurav Goyal (Authorized Signatory), and a circular stamp with 'End of Test Report' and '2013 CLASS'.

Disclaimer: 1. Test results are related only to the item/sample tested, total liability of this lab is limited to invoiced amount only.
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TEST REPORT Page 01 of 01

Format No. : CITRO/QSF/0716

ISSUED TO: M/s Indian Railway Welfare Organization Rail Vihar, Zirakpur (Punjab) (140507)	Report No.	CITRO/QC/281223/169 (2)			
	Issue date	05-01-2024			
	Reg. No. & Date	23-12-38 & 28-12-2023			
	Customer Ref. & Date	NA			
Sample Receipt Date:	28-12-2023	Analysis Start Date	28-12-2023	Analysis Completion Date	05-01-2024

A. Particulars of the Sample:

Name of Sample	Stack DG Set-1 (320 kVA)	Testing as Per	EPA -1986, PCL/S/02/2021
Discipline	Chemical	Group	Atmospheric Pollution

General Information

1. Name of Emission Source monitored : Stack Emission of DG Set
    - a. Rated Capacity : 320 kVA
    - b. Capacity on Sampling day : 88%
    - c. Type of Fuel used & its Consumption : HSD & 20 liter per hour
    - d. Normal operating Schedule : As Required
  2. Stack Identification : Stack attached to DG Set-1 (320 kVA)
  3. Type of Stack/Duct (RCC/Metal) : Metal
  4. Stack Height from ground Level (m) : 7
  5. Diameter of the Stack (cm) : 7.6
  6. Sampling Duration (minutes) : 66
  7. Purpose of Monitoring : For Environment Monitoring.
  8. Air pollution Control Measure : Not Exist
    - a. Status :-
    - b. Recovery of Material :-
  9. Fugitive Emission, if any : Nil
- Observations:
1. Flue Gas Temperature, °C, Avg. : 118
  2. Flue Gas Velocity(m/s), Avg. : 10.54
  3. Volumetric Flow Rate (Nm<sup>3</sup>/hr) : 127.67
  4. Ambient Air Temperature, °C : 13

B. Test Results:

Sr. No.	Test Parameter	Test Method	Requirements	Test Results
1	Carbon Monoxide as (CO), g/kw-hr	IS: 13270	Max. 3.5	0.8
2	Oxide of Nitrogen (NO <sub>x</sub> ), g/kw-hr + Hydrocarbon as (CH <sub>x</sub> ) g/kw-hr	IS-41255 (P-7) & IS 13270	4.0 max.	1.0

C. Remarks: NA - Not Applicable, Requirements as per EPA 1986 PCL/S/02/2021, Sampling Procedure - CITRO/QC/SOP/026. Date of Monitoring: 05-01-2024.

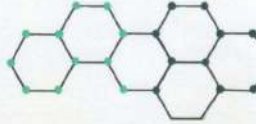
Chandan Bhardwaj  
Section Incharge  
(Reviewed By)



Gaurav Goyal  
Technical Head  
(Authorized Signatory)

Disclaimer: 1. Test results are related only to the items/sample tested, total liability of this lab is limited to invoiced amount only.  
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TEST REPORT Page 01 of 01
Format No. : CITRO/QSF/0716

Table with 2 columns: ISSUED TO (M/s Indian Railway Welfare Organization) and Report No. (CITRO/QC/281223/169(1)). Includes fields for Issue date, NABL ULR No., Reg. No. & Date, and Customer Ref. & Date.

Table with 2 columns: Name of Sample (Stack DG Set -1 (320 kVA)) and Testing as Per (EPA -1986, PCLS/02/2021). Includes Discipline (Chemical) and Group (Atmospheric Pollution).

- General Information
1. Name of Emission Source monitored: Stack Emission of DG Set
a. Rated Capacity: 320 kVA
b. Capacity on Sampling day: 86%
c. Type of Fuel used & its Consumption: HSD & 20 liter per hour
d. Normal operating Schedule: As Required
2. Stack Identification: Stack attached to DG Set-1 (320 kVA)
3. Type of Stack/Duct (RCC/Metal): Metal
4. Stack Height from ground Level (m): 7
5. Diameter of the Stack (cm): 7.6
6. Sampling Duration (minutes): 66
7. Purpose of Monitoring: For Environment Monitoring.
8. Air pollution Control Measure: Not Exist
a. Status: -
b. Recovery of Material: -
9. Fugitive Emission, if any: Nil
Observations:
1. Flue Gas Temperature, °C, Avg.: 118
2. Flue Gas Velocity(m/s), Avg.: 10.54
3. Volumetric Flow Rate (Nm3/hr): 127.67
4. Ambient Air Temperature, °C: 13

Table with 5 columns: Sr. No., Test Parameter, Test Method, Requirements, Test Results. Row 1: Particulate Matter (PM), g/kw-hr; IS: 11255 (P-1); 0.2 max.; 0.13.

C. Remarks: NA - Not Applicable, Requirements as per EPA 1986 PCLS/02/2021, Sampling Procedure - CITRO/QC/SOP/026. Date of Monitoring : 27-12-2023

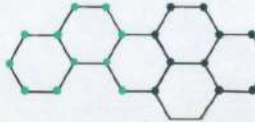
Chandn Bhardwaj
05-01-2024
Section Incharge
(Reviewed By)



Gaurav Goyal
05-01-2024
Technical Head
(Authorized Signatory)

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TEST REPORT Page 01 of 01
Format No. : CITRO/QSF/0716

Table with 2 columns: ISSUED TO (M/s Indian Railway Welfare Organization) and Report No. (CITRO/QC/281223/168 (1)). Includes Issue date, NABL ULR No., Reg. No. & Date, and Customer Ref. & Date.

Table A: Particulars of the Sample. Columns include Name of Sample (Ground Water), Location (NA), Sample Code No. (NA), Date of sampling (27-12-2023), Sample Quantity (10 ltr.), Discipline (Chemical), Seal (NA), and Any Other Information (Sample Collected by Lab .rep. on dated 27-12-2023).

Table B: Supplementary Information. Lists 3 items: Reference to Sampling Procedure, Supporting Documents, and Addition to Deviations/Exclusions.

Table C: Test Results. Table with 6 columns: S. No., Test Parameters, Test Method, Requirement, Permissible Limit, and Test Result. Rows include Colour, Odour, pH value, Turbidity, Chloride, and Total Hardness.

D. Remarks: NA:- Not Applicable

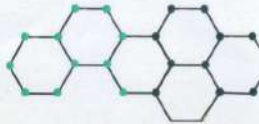
Signature of Chandan Bhardwaj, Section Incharge (Reviewed By)



Signature of Gaurav Goyal, Technical Head (Authorized Signatory)

Disclaimer: 1. Test results are related only to the items/sample... 2. Test report in full or parts shall not be used for... 3. Sample stored after analysis as per Quality System...

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TEST REPORT

Page 01 of 01

Format No. : CITRO/QSF/0716

Table with 2 columns: ISSUED TO (M/s Indian Railway Welfare Organization) and Report No. (CITRO/QC/281223/167). Includes Issue date, NABL ULR No., Reg. No. & Date, and Customer Ref. & Date.

Table A. Particulars of the Sample: Name of Sample (Ambient Noise), Testing as Per (EPA-1986, PCLS/02/2021), Discipline (Chemical), and Group (Atmospheric Pollution).

General Information:

- 1. Location of Monitoring : Near Main Gate
2. Date of Monitoring : 27-12-2023
3. Time of Monitoring : 10:20 hrs
4. Purpose of Monitoring : For Environment Monitoring.

B. Test Results:

Table with 5 columns: Sr. No., Location Name, Test Method, Requirement, and Test Results. Row 1: Near Main Gate, Leq dB(A), IS:9989:1981, 75.0 Max., 71.8.

C. Supplementary Information:

Table with 2 columns: Reference to Sampling Procedure, Supporting Documents, and Addition to, Deviations, or Exclusions. Reference: CITRO/QC/SOP/026.

D. Remarks: NA:- Not Applicable

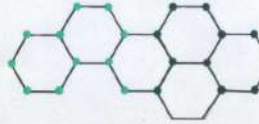
Signature of Chandan Bhardwaj, Section Incharge, dated 05-01-2024.

Official stamp and signature of Neeta Basni, Head of Test Report, dated 05-01-2024.

Signature of Gaurav Goyal, Technical Head, dated 05-01-2024.

- 1. Test results are related only to the items/sample tested, total liability of this lab is limited to invoiced amount only.
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TEST REPORT Page 01 of 01
Format No. : CITRO/QSF/0716

Table with 2 columns: ISSUED TO (M/s Indian Railway Welfare Organization) and Report No. (CITRO/QC/281223/166 (2)). Includes Issue date, Reg. No. & Date, and Customer Ref. & Date.

A. Particulars of the Sample:

Table with 4 columns: Name of Sample (Ambient Air Quality), Discipline (Chemical), Testing as Per (NAAQS 2009), and Group (Atmospheric Pollution).

General Information:

- 1. Location of Sampling Point : Near Main Gate
2. Date of Monitoring : 27-12-2023
3. Purpose of Monitoring : For Environment Monitoring.
4. Duration of Monitoring, minutes : 1440
5. Avg. Flow Rate of Sampling, m3/min. : 1.16
6. Volume of air sampled, m3 : 1694.7
7. Avg. Ambient Temperature, °C : 13

B. Test Results:

Table with 5 columns: Sr. No., Test Parameters, Test Method, Requirements (NAAQS 2009), and Test Result. Lists Ammonia and Carbon Monoxide.

C. Supplementary Information:

Table with 2 columns: Reference to Sampling Procedure, Supporting Documents, and Addition to, Deviations, or Exclusions.

D. Remarks: NA - Not Applicable, NAAQS: National Ambient Air Quality Standard, BLQ: Below limit of Quantification, LOQ: Limit of Quantification.

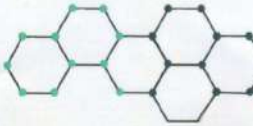
Signature of Chandan Bhardwaj, Section Incharge (Reviewed By)

Official stamp and signature of Chandan Bhardwaj, Section Incharge (Reviewed By)

Signature of Gaurav Goyal, Technical Head (Authorized Signatory)

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TEST REPORT Page 01 of 01
Format No. : CITRO/QSE/0716

Table with 3 columns: ISSUED TO (M/s Indian Railway Welfare Organization), Report No. (CITRO/QC/281223/166 (1)), Issue date (05-01-2024), NABL ULR No. (TC895324000000006 F), Reg. No. & Date (23-12-38 & 28-12-2023), Customer Ref. & Date (NA), Sample Receipt Date (28-12-2023), Analysis Start Date (28-12-2023), Analysis Completion Date (05-01-2024)

Table A: Particulars of the Sample. Columns: Name of Sample (Ambient Air Quality), Testing as Per (NAAQS 2009), Discipline (Chemical), Group (Atmospheric Pollution)

General Information:

- 1. Location of Sampling Point : Near Main Gate
2. Date of Monitoring : 27-12-2023
3. Purpose of Monitoring : For Environment Monitoring.
4. Duration of Monitoring, minutes : 1440
5. Avg. Flow Rate of Sampling, m3/min. : 1.16
6. Volume of air sampled, m3 : 1694.7
7. Avg. Ambient Temperature, °C : 13

B. Test Results:

Table B: Test Results. Columns: Sr. No., Test Parameters, Test Method, Requirements (NAAQS 2009), Test Result

C. Supplementary Information:

Table C: Supplementary Information. Columns: Item, Description, Reference

D. Remarks: NA - Not Applicable, NAAQS: National Ambient Air Quality Standard

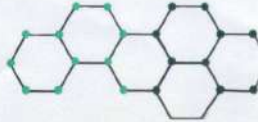
Chandan Bhardwaj
05-01-2024
Section Incharge
(Reviewed By)

Stamp: Centre for Industrial Testing and Research Organization
Sundar Singh
05-01-2024
(Reviewed By)



Gurav Goyal
05-01-2024
Technical Head
(Authorized Signatory)

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	<b>Punjab Fire Services</b> (Zirakpur)																			
<b>FIRE SAFETY CERTIFICATE</b> <b>ਫਾਇਰ ਸੇਫਟੀ ਪ੍ਰਮਾਣ ਪੱਤਰ</b>																				
NOC No 1507-96954-Fire/73576	NOC Type: Renew	Dated 12-Aug-2024																		
<p>Certified that the <b>Rail Vihar Residential Apartment</b> at <b>VIP Road Zirakpur Distt SAS Nagar</b> has been inspected by the fire officer and is found to be complied with fire prevention and fire safety equipments of National Building Code and verified by officer concerned of fire service on <b>02-Aug-2024</b> in the presence of <b>Mr Gurdeep Singh</b> and is fit to occupancy group <b>A</b> subdivision <b>A-4</b> (As per NBC) for period of <b>one year</b> from issue date.</p>																				
Issued on <b>12-Aug-2024</b> at <b>Zirakpur</b>																				
<p>ਤਸਦੀਕ ਕੀਤਾ ਜਾਂਦਾ ਹੈ ਕਿ <b>Rail Vihar Residential Apartment</b> ਜੋ ਕਿ <b>VIP Road Zirakpur Distt SAS Nagar</b> ਵਿਖੇ ਸਥਾਪਤ ਹੈ, ਜਿਸ ਦੀ ਫਾਇਰ ਅਫਸਰ ਵਲੋਂ ਪੜਤਾਲ ਕੀਤੀ ਗਈ ਅਤੇ ਪਾਇਆ ਗਿਆ ਕਿ ਇੱਥੇ ਅੱਗ ਬੁਝਾਉਣ ਦੇ ਪ੍ਰਭਾਵੀ ਅਤੇ ਬਚਾਅ ਦੇ ਰਾਸ਼ਟਰੀ ਬਿਲਡਿੰਗ ਕੋਡ ਅਨੁਸਾਰ ਪ੍ਰਬੰਧ ਕੀਤੇ ਗਏ ਹਨ ਜਿਸ ਨੂੰ ਸਬੰਧਤ ਅੱਗ ਬੁਝਾਉ ਅਧਿਕਾਰੀ ਵੱਲੋਂ ਪ੍ਰਮਾਣਿਤ ਕੀਤਾ ਗਿਆ ਮਿਤੀ <b>02-Aug-2024</b> ਮੌਜੂਦਗੀ ਵਿੱਚ <b>Mr Gurdeep Singh</b> (ਮਾਲਕ ਦਾ ਨਾਮ ਜਾਂ ਉਸ ਦਾ ਪ੍ਰਤੀਨਿਧੀ) ਇਸ ਨੂੰ ਆਬਾਦੀ ਲਈ ਯੋਗ ਪਾਇਆ ਗਿਆ। Occupancy Group <b>A</b> subdivision <b>A-4</b> (ਐਨ. ਬੀ. ਸੀ. ਦੇ ਅਨੁਸਾਰ) ਦੇ ਪ੍ਰਭਾਵੀ ਸਮੇਂ ਤੋਂ <b>ਇੱਕ ਸਾਲ</b> ਤੱਕ।</p>																				
ਜਾਰੀ ਕਰਨ ਦੀ ਮਿਤੀ <b>12-Aug-2024</b> ਕਿੱਥੇ <b>Zirakpur</b> .																				
This project comprise of 5 towers/blocks with number of floors as given below.																				
ਇਸ ਪ੍ਰੋਜੈਕਟ ਵਿੱਚ 5 ਟਾਵਰ/ਬਲਾਕ ਹੇਠ ਲਿਖੇ ਅਨੁਸਾਰ ਹਨ:																				
<table border="1"> <thead> <tr> <th>Block Name</th> <th>No. Of Floors</th> <th>Area (sq. mtr.)</th> </tr> </thead> <tbody> <tr> <td>Type 4 Block No A1 to A5</td> <td>8</td> <td>10205.00</td> </tr> <tr> <td>Type 3 Block No B1 to B14</td> <td>8</td> <td>24615.00</td> </tr> <tr> <td>Type 2 Block No C1 to C17</td> <td>3</td> <td>7191.00</td> </tr> <tr> <td>Type EWS Block No D1 to D3</td> <td>4</td> <td>1410.00</td> </tr> <tr> <td>Community Center</td> <td>2</td> <td>458.00</td> </tr> </tbody> </table>	Block Name	No. Of Floors	Area (sq. mtr.)	Type 4 Block No A1 to A5	8	10205.00	Type 3 Block No B1 to B14	8	24615.00	Type 2 Block No C1 to C17	3	7191.00	Type EWS Block No D1 to D3	4	1410.00	Community Center	2	458.00		
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NOC is issued subject to following conditions:																				
ਐਨ ਓ ਐਨ ਸੀ ਹੇਠ ਲਿਖੀਆਂ ਸ਼ਰਤਾਂ ਦੇ ਆਧਾਰ ਤੇ ਜਾਰੀ ਕੀਤਾ ਜਾਂਦਾ ਹੈ।																				
<ol style="list-style-type: none"> <li>1. Fire Safety arrangements shall be kept in working condition at all the times. ਹਰ ਸਮੇਂ ਅੱਗ ਤੋਂ ਬਚਾਅ ਦੇ ਯੰਤਰਾਂ ਨੂੰ ਚਲੂ/ਚੱਗੀ ਹਾਲਤ ਵਿੱਚ ਰੱਖਿਆ ਜਾਵੇ।</li> <li>2. Occupants/ owner should have trained staff to operate the operation of fire safety system provided there in. ਉਪਲੱਬਧ ਅੱਗ ਬੁਝਾਉਣ ਦੇ ਯੰਤਰਾਂ ਦੀ ਵਰਤੋਂ ਤੋਂ ਰਹਿਣ ਵਾਲੇ ਲੋਕਾਂ / ਮਾਲਕਾਂ ਨੂੰ ਜਾਣੂ ਕਰਵਾਇਆ ਜਾਣਾ ਯਕੀਨੀ ਬਣਾਇਆ ਜਾਵੇ।</li> <li>3. Fire Officer can check the arrangements of fire safety at any time, this certificate will be withdrawn without any notice if any deficiency is found. ਫਾਇਰ ਬਿਗੇਡ ਅਧਿਕਾਰੀ ਕਿਸੇ ਵੀ ਵਕਤ ਇਨ੍ਹਾਂ ਸਾਰੇ ਪ੍ਰਬੰਧਾਂ ਨੂੰ ਚੈੱਕ ਕਰ ਸਕਦਾ ਹੈ, ਜੇ ਕਰ ਕੋਈ ਕਮੀ ਪਾਈ ਗਈ ਤਾਂ ਬਿਨਾਂ ਕਿਸੇ ਨੋਟਿਸ ਦੇ ਇਹ ਸਰਟੀਫਿਕੇਟ ਰੱਦ ਸਮਝਿਆ ਜਾਵੇਗਾ।</li> <li>4. Occupants/ owner should apply for renewal of fire safety certificate one month prior to expiry of this certificate. ਮਾਲਕ ਜਾਰੀ ਕੀਤੇ ਗਏ ਫਾਇਰ ਸੇਫਟੀ ਸਰਟੀਫਿਕੇਟ ਦੀ ਮਿਤੀ ਖਤਮ ਹੋਣ ਤੋਂ ਇੱਕ ਮਹੀਨਾ ਪਹਿਲਾਂ ਰੀਨੀਊ ਕਰਵਾਉਣ ਲਈ ਪਾਬੰਦ ਹੋਵੇਗਾ।</li> </ol>																				
<b>* Above Details cannot be used as ownership proof.</b>																				
ਉਪਰੋਕਤ ਦਰਸਾਈ ਗਈ ਜਾਣਕਾਰੀ ਨੂੰ ਮਾਲਕਾਨਾ ਦੇ ਸਬੂਤ ਵਜੋਂ ਨਹੀਂ ਵਰਤਿਆ ਜਾਵੇਗਾ।																				
* This is digitally created certificate, no signature are needed																				
ਇਹ ਡਿਜੀਟਲੀ (ਕੰਪਿਊਟਰਾਈਜ਼ਡ) ਤਿਆਰ ਕੀਤਾ ਗਿਆ ਸਰਟੀਫਿਕੇਟ ਹੈ, ਜਿਸ ਵਿੱਚ ਦਸਤਖਤ ਦੀ ਕੋਈ ਲੋੜ ਨਹੀਂ ਹੈ।																				



Designer of Multistorey Buildings, Flat Slabs,  
Shell Roofs, Steel Structures etc.

Ref. No. *23/07/16*

Dated *23/07/16*

**STRUCTURAL SAFETY CERTIFICATE**

Sub: Structural Design of Proposed Rail Vihar group housing Project of Indian Railway Welfare Organization (IRWO) on V.I.P. Road, Zirakpur (near Chandigarh) Punjab.

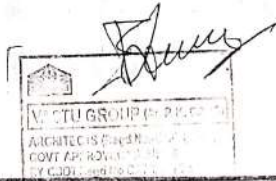
This is to certify that the structural drawings for the building mentioned in the subject matter above have been designed in accordance with the relevant Indian Standard Criteria for design of R/C structures (IS:456-2000). The approved structural design as shown in the design drawings stamped by ARO TECH STRUCTURAL CONSULTANTS, JALANDHAR is safe and sound for earthquake loading as per Indian Standards for earthquake resistant design IS:1893-2002 and IS: 13920-1992.

The responsibility of ARO TECH STRUCTURAL CONSULTANTS, JALANDHAR shall be limited to checking of structural design calculations and drawings only. All procedural /legal /operational matters and architectural / functional details will be the responsibility of the owner.

Sincerely,

ER. AJAY ARORA

M.E. Structures



43-A/84 Shankar Garden, Near Income Tax Colony, Jalandhar City(Pb.) 144002

Ph.: 0181-4650022, 09868430022, 09855579806, E-mail: arotech2015@gmail.com, arotech2007@gmail.com



PUNJAB WATER REGULATION AND DEVELOPMENT AUTHORITY  
SCO 149-152, SECTOR 17, CHANDIGARH – 160017  
*ad interim* PERMISSION FOR EXTRACTION OF GROUNDWATER

Name of Unit	M/s Indian Railway Welfare Org. (IRWO)		
Activity of Unit:	Infrastructure		
Address of Unit:	M/s Indian Railway Welfare Org. (IRWO), 'Rail Vihar' Group Housing Project, Village Bishanpura, at VIP Road Zirakpur, Sub Tehsil Zirakpur, District SAS Nagar	PIN Code: 140603	
Assessment Unit (Block):	Derabassi	Category: Yellow	
District:	SAS Nagar		
Correspondence Address:	M/s Indian Railway Welfare Org. (IRWO), 'Rail Vihar' Group Housing Project, Village Bishanpura, at VIP Road Zirakpur, Sub Tehsil Zirakpur, District SAS Nagar	PIN Code: 140603	
Unit ID	0930500478		
Permission Number	PWRDA/07/2022/1.2/413	Dated: 29.07.2022	
Project Status:	Existing Unit		
Permission Type:	<i>ad-interim</i> Permission		
Validity Period:	For a period of three months from the date of publication of the final guidelines by the Authority, or for three years from the date of grant of this <i>ad interim</i> permission, whichever is earlier.		
Ground Water Extraction Permitted: 245 m <sup>3</sup> /day			
	Fresh Water		Saline Water
	m <sup>3</sup> /day	m <sup>3</sup> /month*	m <sup>3</sup> /day
	245	7,350	-

\*Note:- Month is taken as 30 days for calculation of charges.

**Fees and Charges Paid:**

**A. Application Fees for Groundwater Extraction:**

Volume of Groundwater Extraction Applied For per day (in m <sup>3</sup> /day)	Fees Deposited (in Rs.)
245	20,000/-

**B. Advance Deposit equivalent to two months of charges for the permitted quantity of groundwater extraction:**

Category of Area	Extraction Permitted: (m <sup>3</sup> /day)	245	Amount Deposited (Rs.)
Yellow	Charges for two months		
	<10 m <sup>3</sup> /day	10-100 m <sup>3</sup> /day	>100 m <sup>3</sup> /day
	3,600	75,600	1,56,600
	2,35,800/-		

**C. Tube-well Registration Fee paid:**

No. of existing tube-wells	No. of Proposed tube-wells	No. of total tube-wells	Registration Fee applicable per tube-well	Total Registration Fee Paid (Rs.)
02	Nil	02	10,000/-	20,000/-

**D. Total Amount Paid (Rs.):**

Application Fee	Advance Deposit	Tube-well Registration Fee	Total(Rs.)
20,000/-	2,35,800/-	20,000/-	2,75,800/-

NOTE: This permission is granted in terms of the Draft Punjab Guidelines for Groundwater Extraction and Conservation published on November 12, 2020 under section 15 of the Punjab Water Resources (Regulation and Management) Act 2020 and is subject to the conditions given overleaf.

Dated: 29<sup>th</sup> July, 2022  
Place: CHANDIGARH



Signature  
Maninder Singh, A.O.I.-2  
Executive Engineer  
Punjab Water Regulation and Development Authority  
Chandigarh.