



Office Dispatch No.: **98IP / PPCB / 2024 / 1290**

Date: **19-07-2024**

To

**BALRAJ GARG**  
**3225, PHASE-2, DUGRI, URBAN ESTATE**  
**LUDHIANA, LUDHIANA-WEST - 141013**

**Subject:- Grant of 'Consent to Operate' u/s 21 of Air (Prevention & Control of Pollution) Act, 1981 for discharge of emissions arising out of premises.**

With reference to your application for obtaining fresh 'Consent to Operate' u/s 21 of Air (Prevention & Control of Pollution) Act, 1981, you are, hereby, authorized to operate an industrial unit for discharge of the emission(s) arising out of your premises subject to the Terms and Conditions as mentioned in this Certificate.

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

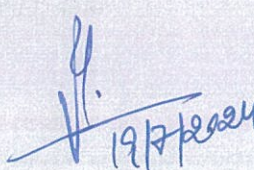
PIN	19088136
Application No.:	2405384637
Date of Issue:	19-Jul-2024
Date of Expiry:	31-Oct-2025
Certificate Type:	Fresh
Certificate No:	CTOA/Fresh/PBIP/ LDH-III/2024/19088136

**2. Particulars of the Industry:**

Name & Designation of the Applicant:	Balraj Garg, (Director)
Name of Business Entity	Gaurav Land Developers and Colonizers Pvt. Ltd
Name of the Project/Unit:	The Eastern Park by Garav Basera
Address of Project/Unit:	Adj. Garden City, Village Bholapur, Chandigarh Road, Ludhiana , Ludhiana-East , Ludhiana
Capital Investment of the Industry(in lakhs):	9250
Category of Industry:	Red
Type of Industry:	1063 - Building and Construction projects irrespective of built up area and having waste water generation 100 KLD and above.
Scale of the Industry:	Medium - > Rs. 10 Crore but < = Rs.50 Crore
Office District:	Ludhiana
Consent Fee Details:	Rs. 1,06,100/- vide reference no. 129098011 dated 28.05.2024 under the Water Act, 1974 & Rs. 1,06,100/- vide reference no. 425545412 dated 05.06.2024 under the Air Act, 1981.



Raw Materials (Name with quantity per day):	Group Housing Project
Products (Name with quantity per day):	Occupancy & operation of 448 dwelling units (flats) out of 1006 dwelling units (flats) in the ongoing project for which Consent to Establish already granted by the competent authority with wastewater generation limited to 240 KLD, only.
By Products, if any (Name with quantity per day) :	--
Details of the machinery and processes:	As per application form.
Sources of emissions and type of pollutants:	--
Mode of disposal of emissions with stack height:	--
Quantity of fuel required in TPD:	--
Type of Air Pollution Control Devices to be installed:	--
Standard to be achieved under Air(Prevention & Control of Pollution) Act, 1981:	As prescribed by the CPCB/ MoEF&CC/ PPCB, from time to time.

  
**Sr. Environmental Engineer (PBIP)**  
 for & on behalf of  
**Chief Environmental Engineer (PBIP)**



Endst. No.

Dated:

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

1. Senior Environmental Engineer, Zonal Office-2, Ludhiana.
2. Environmental Engineer, Regional Office-III, Ludhiana with request to send E-noting for apprising the Competent Authority of the Board regarding the compliance as well as further decision to be taken regarding bank guarantee.

-Sd-

Sr. Environmental Engineer (PBIP)  
for & on behalf of  
Chief Environmental Engineer (PBIP)

## A. GENERAL CONDITIONS

1. The industry shall apply for consent of the Board as required under the provision of Water (Prevention & Control of Pollution) Act, 1974, Air (Prevention & Control of Pollution) Act, 1981 & Authorization under Hazardous and other Wastes (Management and Transboundary Movement) Rules, 2016, two months before the commissioning of the industry.
2. The industry shall provide adequate arrangements for fighting the accidental leakages/ discharge of any air pollutant/gas/liquids from the vessels, mechanical equipments etc. which are likely to cause environmental pollution.
3. The Industry shall apply for further extension in the validity of the CTE atleast two months before the expiry of this CTE, if applicable.
4. The industry shall comply with any other conditions laid down or directions issued by the Board under the provisions of the Water (Prevention & Control of Pollution) Act, 1974 and the Air (Prevention & Control of Pollution) Act, 1981 from time to time.
5. The project has been approved by the Board from pollution angle and the industry shall obtain the approval of site from other concerned departments, if need be.
6. The industry shall get its building plans approved under the provisions of section 3-A of Punjab Factory Rules, 1952
7. The industry shall put up display board indicating the Environment data in the prescribed format at the main entrance gate
8. The industry shall provide port-holes, platforms and/or other necessary facilities as may be required for collecting samples of emissions from any chimney, flue or duct or any other outlets

### Specifications of the port-holes shall be as under:

- i) The sampling ports shall be provided atleast 8 times chimney diameter downstream and 2 times upstream from the flow disturbance. For a rectangular cross section the equivalent diameter ( $De$ ) shall be calculated from the following equation to determine upstream, downstream distance:-

$$De = 2 LW / (L+W)$$

Where L= length in mts. W= Width in mts.

- ii) The sampling port shall be 7 to 10 cm in diameter

9. The industry shall discharge all gases through a stack of minimum height as specified in the following standards laid down by the Board.

### (i) Stack height for boiler plants

S.No.	Boiler with Steam Generating Capacity	Stack heights
1	Less than 2 ton/hr	9 meters or 2.5 times the height of neighboring building which ever is more
2	More than 2 ton/hr to 5 ton/hr	12 meters
3	More than 5 ton/hr to 10 ton/hr	15 meters
4	More than 10 ton/hr to 15 ton/hr	18 meters
5	More than 15 ton/hr to 20 ton/hr	21 meters
6	More than 20 ton/hr to 25 ton/hr	24 meters

7	More than 25 ton/hr to 30 ton/hr	27 meters
8	More than 30 ton/hr	30 meters or using the formula $H = 14 Q_g^{0.3}$ or $H = 74 (Q_p)^{0.24}$ Where $Q_g$ = Quantity of SO <sub>2</sub> in Kg/hr. $Q_p$ = Quantity of particulate matter in Ton/day.

**Note :** Minimum Stack height in all cases shall be 9.0 mtr. or as calculated from relevant formula whichever is more.

(ii) For industrial furnaces and kilns, the criteria for selection of stack height would be based on fuel used for the corresponding steam generation.

(iii) Stack height for diesel generating sets:

Capacity of diesel generating set		Height of the Stack
0-50 KVA	Height of the building	+ 1.5 mt
50-100 KVA	-do-	+ 2.0 mt
100-150 KVA	-do-	+ 2.5 mt
150-200 KVA	-do-	+ 3.0 mt
200-250 KVA	-do-	+ 3.5 mt
250-300 KVA	-do-	+ 3.5 mt

**For higher KVA rating stack height H (in meter) shall be worked out according to the formula:**

$$H = h + 0.2 (KVA)^{0.5}$$

where h = height of the building in meters where the generator set is installed.

10. The industry shall put up canopy on its DG sets and also provide stack of adequate height as per norms prescribed by the Board and shall ensure the compliance of instructions issued by the Board vide office order no. Admin./SA-2/F.No.783/2011/448 dated 8/6/2010.

11. The industry shall provide flow meters at the source of water supply, at the outlet of effluent treatment plant and shall maintain the record of the daily reading and submit the same to the concerned Regional Office by the 5th day of the following month.

12. The industry shall make necessary arrangements for the monitoring of stack emissions and shall get its emissions analyzed from lab approved / authorized by the Board:-

(i) Once in Year for Small Scale Industries.

(ii) Twice/thrice/four time in a Year for Large/Medium Scale Industries

13. The pollution control devices shall be interlocked with the manufacturing process of the industry.

14. The Board reserves the right to revoke this "consent to establish" (NOC) at any time, in case the industry is found violating any of the conditions of this "consent to establish" and/or the provisions of Water (Prevention & Control of Pollution) Act, 1974 and Air (Prevention & Control of Pollution) Act, 1981 as amended from time to time

15. The industry shall plant minimum of three suitable varieties of trees at the density of not less than 1000 trees per acre along the boundary of the industrial premises.

16. The issuance of this consent does not convey any property right in either real or personal property, or any exclusive privileges, nor does it authorize any injury to private property or any invasion of personal rights, nor any infringement of Central, State or Local Laws or Regulations.
17. The consent does not authorize or approve the construction of any physical structures or facilities for undertaking of any work in any natural watercourse.
18. Nothing in this NOC shall be deemed to neither preclude the institution of any legal action nor relieve the applicant from any responsibilities, liabilities or penalties to which the applicant is or may be subjected under this or any other Act.
19. The diversion or bye pass of any discharge from facilities utilized by the applicant to maintain compliance with the terms and conditions of this consent is prohibited except.
- (i) Where unavoidable to prevent loss of life or some property damage or
- (ii) Where excessive storm drainage or run off would damage facilities necessary for compliance with terms and conditions of this consent. The applicant shall immediately notify the consent issuing authority in writing of each such diversion or bye-pass.
20. The industry shall ensure that no water pollution problem is created in the area due to discharge of effluents from its industrial premises.
21. The industry shall comply with the conditions imposed if any by the SEIAA/MOEF in the Environmental Clearance granted to it as required under EIA notification dated 14/9/06.
22. The industry shall earmark a land within their premises for disposal of boiler ash in an environmentally sound manner, and / or the industry shall make necessary arrangements for proper disposal of fuel ash in a scientific manner and shall maintain proper record for the same, if applicable.
23. The industry shall obtain and submit Insurance cover as required under the Public Liability Insurance Act, 1991.
24. The industry shall submit a site emergency plan approved by the Chief Inspector of Factories, Punjab as applicable
25. The industry shall provide proper and adequate air pollution control arrangements for control emission from its coal/fuel handling area, if applicable.
26. The Industry shall comply with the code of practice as notified by the Government / Board for the type of Industries where the siting guidelines / code of practice have been notified
27. Solids, sludge, filter backwash or other pollutant removed from or resulting from treatment or control of waste waters shall be disposed off in such a manner so as to prevent any pollutants from such materials from entering into natural water
28. The industry shall submit a detailed plan showing therein, the distribution system for conveying wastewaters for application on land for irrigation along with the crop pattern to be adopted throughout the year
29. The industry shall not irrigate the vegetable crops with the treated effluents which are used/ consumed as raw.
30. The industry shall ensure that its production capacity & quantity of trade effluent do not exceed the quantity mentioned in the NOC and shall not carry out any expansion without the prior permission/NOC of the Board.
31. All amendments/revisions made by the Board in the emission/stack height standards shall be applicable to the industry from the date of such amendments/revisions.
32. The industry shall not cause any nuisance/traffic hazard in vicinity of the area.
33. The industry shall maintain the following record to the satisfaction of the Board :-
- (i) Log books for running of air pollution control devices or pumps/motors used for it.
- (ii) Register showing the result of various tests conducted by the industry for monitoring of stack emissions and ambient air.

(iii) Register showing the stock of absorbents and other chemicals to be used for scrubbers.

34. The industry shall ensure that there will not be significant visible dust emissions beyond the property line.

35. The industry shall establish sufficient number of piezometer wells in consultation with the concerned Regional Office, of the Board to monitor the impact on the Ground Water Quantity due to the industrial operations, if applicable.

36. The industry shall provide adequate and appropriate air pollution control devices to contain emissions from handling, transportation and processing of raw material & product of the industry

-sd-

Sr. Environmental Engineer (PBIP)  
for & on behalf of  
Chief Environmental Engineer (PBIP)

## B. SPECIAL CONDITIONS

1. This Consent is valid only for occupancy & operation of 448 dwelling units (flats) out of 1006 dwelling units (flats) in the ongoing project for which Consent to Establish already granted by the competent authority.
2. The promoter company shall comply with conditions mentioned in the Environmental Clearance granted to it by the SEIAA vide no. DECC/SEIAA/2019/1693 dated 29.07.2020 and will extend NOC/CTE from the Board which had expired on 30.04.2024, immediately.
3. The project proponent shall make use of alternatives of single use plastics (SUP) within its premises and will not use any SUP items banned in accordance with MoEF&CC notification no. G.S.R. 571(E) dated 12.08.2021.
4. The project proponent will ensure time bound compliance of the CER activities mentioned in the conditions of the Environment Clearance granted under the provisions of the EIA notification, 14/09/2006.
5. The project proponent shall not consume any fuel except HSD in its installed DG set (s), without obtaining prior written permission from the Board.
6. The project proponent will comply with the provisions of MSW Rules, 2016.
7. The project proponent shall ensure at source segregation of the solid waste to be generated from its premises, at all times.
8. For biodegradable waste to be generated from the premises, the project proponent shall operate regular operation of compost pit(s) installed within premises.
9. The project proponent shall get the non-biodegradable solid waste disposed of at authorised site only, after obtaining permission from the Competent Authority and shall maintain proper record of disposal of the same, at all times.
10. The project proponent shall place adequate no. of storage bins in its premises, from where the municipal solid waste shall be got lifted and transported by the operator of the integrated MSW management facility as and when the facility is established and made operational.
11. The project proponent shall comply with the provisions of the Construction and Demolition Management Rules, 2016.
12. The project proponent shall take adequate steps to the effect that the construction material of any kind that is stored at site shall be fully covered in all respects so that it does not disburse in the air in any form.
13. The project proponent shall ensure that all the construction material and debris shall be carried out in trucks or other vehicles which are fully covered and protected so as to ensure that the construction debris or the construction material does not get disburse into the air or atmosphere in any form.
14. The project proponent will comply with the provisions of E-waste Management Rules, 2016.
15. The project proponent shall ensure that its activities does not create any nuisance in the surrounding areas and no public complaints are received.
16. The Consent is being issued to the project proponent based upon the documents/ information submitted by it alongwith the online application form. The Board would be at liberty to take penal action against the project proponent and its responsible/ concerned person(s) in case information/document is detected as incorrect/false/misleading at any point of time.
17. In case the institute fails to comply with the provisions of the Water (Prevention & Control of Pollution) Act, 1974, Air (Prevention & Control of Pollution) Act, 1981, Environment (Protection) Act, 1986 and/or any other environmental law applicable to the project and Rules, Circulars & Directions issued by the Board from time to time, action as deemed fit shall be taken against the project proponent.

— Sd —  
Sr. Environmental Engineer (PBIP)  
for & on behalf of  
Chief Environmental Engineer (PBIP)