



# PUNJAB POLLUTION CONTROL BOARD

Zonal Office-I, Vatavaran Bhawan, Nabha Road, Patiala

Website:-www.ppcb.gov.in

Office Dispatch No :

Registered/Speed Post

Date:

Industry Registration ID: R14SAS708793

Application No : 18021282

To,

GNG Promoters Patiala Road (NH-64) Villgae Nabha Zirakpur Teh. Dera Bassi, Distt. S.A.S Nagar, Mohali-140308

Subject:

Grant of "Consent to Establish" (NOC) for an industrial unit/s of Water (Prevention & Control of Pollution) Act, 1974 and/s of Air (Prevention & Control of Pollution) Act, 1981.

With reference to your application for obtaining fresh 'Consent to Establish' (NOC) an industrial plant/s of Water (Prevention & Control of Pollution) Act, 1974 and/s of Air (Prevention & Control of Pollution) Act, 1981, you are, hereby, permitted to establish the industrial unit to discharge the effluent(s) & emission(s) arising out of your premises subject to the Terms and Conditions as specified in this Certificate.

## 1. Particulars of Consent to Establish (NOC) granted to the Industry

Certificate No.	CTE/Fresh/SAS/2022/18021282
Date of issue :	02/07/2022
Date of expiry :	31/03/2023
Certificate Type :	Fresh

## 2. Particulars of the Industry

Name & Designation of the Applicant	Jasbir Singh S/o Atma Singh
Address of Industrial premises	GNG Promoters Patiala Road, Villgae Nabha Zirakpur Teh., Dera Bassi, Distt. S.A.S Nagar Mohali (punjab),
Capital Investment of the Industry	6180.0 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	Small
Office District	SAS Nagar
Consent Fee Details	Rs. 64,000/- vide R No. N069221065707604 dated 10.03.2022 <i>For Gng Promoters</i> <i>J Singh Prop.</i> Rs. ,82,000/- vide UTR no. YESBR52021032390852429 dated 23.03.2022
Raw Materials (Name with quantity per day)	N.A. being construction project.

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<b>Products (Name with quantity per day)</b>	<p>The Project is integrated township of 2.49 acres having Residential Plots, Independent Floors, Group Housing (flats), Commercial Plotted (SCO, Booths), Educational Institutions, Shopping Mall, Office Block, Service Apartments and Institutional Area i.e. School, Dispensary, Community Centre etc. The Project also provides for dwellings for economically weaker sections of the society in an area of.</p> <p>Total Residential plotted area comprises of 1.34 Acres plots of various sizes.</p> <p>Two Group Housing sites having total area of 0.44 Acres.</p> <p>Commercial Belt is covered in an area of 0.71 Acres which includes SCO's, Booths, Hotel/Multiplex &amp; Commercial Building.</p> <p>EWS site has separately been earmarked in an area of 0.031 Acres and has transferred to Government.</p>
<b>By-Products, if any, (Name with quantity per day)</b>	--
<b>Details of the machinery and processes</b>	As per application no. 18021282
<b>Details of the Effluent Treatment Plant</b>	STP of 4 MLD capacity
<b>Mode of Disposal of Effluent</b>	Domestic Effluent @ 3850 KLD - After treatment in STP, 1283 KLD reused for flushing purpose, 321 KLD used for irrigation of green area, 385 KLD sludge & evaporation losses, 1861 KLD will be disposed off into GMADA drain.
<b>Standards to be achieved under Water (Prevention &amp; Control of Pollution) Act, 1974</b>	As per effluent standards prescribed by the PPCB/ MoEF & CC from time to time.
<b>Sources of emissions and type of pollutants</b>	DG Sets - SO <sub>x</sub> , NO <sub>x</sub> & SPM
<b>Mode of disposal of emissions with stack height</b>	<p>1. One DG Set of capacity 380 KVA - Canopy and stack of 3 mt. above roof provided.</p> <p>2. One DG Set of capacity 320 KVA - Canopy and stack of 3 mt. above roof provided.</p> <p>3. Two no. DG Sets of 750 KVA each - Canopy and adequate stack of 4.5 mt. above roof each.</p> <p>4. Eight no. DG Sets of 500 KVA each - Canopy and adequate stack of 4.5 mt. above roof each.</p> <p>5. Six no. DG Sets of 250 KVA each - Canopy and adequate stack of 3 mt. above roof each.</p>

For GNG Promoters

*JSingh*  
Prop.

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Quantity of fuel required in TPD	<p>1. One DG Set of capacity 380 KVA - FuelHSD @ 100 Lit/day</p> <p>2. One DG Set of capacity 320 KVA - FuelHSD @ 90 Lit/day</p> <p>3. Two no. DG Sets of 750 KVA each – FuelHSD @ 120 Lit/day each</p> <p>4. Eight no. DG Sets of 500 KVA each – Fuel HSD @ 150 Lit/day each</p> <p>5. Six no. DG Sets of 250 KVA each – FuelHSD @ 100 Lit/day each</p>
Type of Air Pollution Control Devices to be installed	<p>1. One DG Set of capacity 380 KVA - Canopy and stack of 3 mt. above roofprovided.</p> <p>2. One DG Set of capacity 320 KVA - Canopy and stack of 3 mt. above roofprovided.</p> <p>3. Two no. DG Sets of 750 KVA each – Canopy and adequate stack of 4.5 mt. aboveroof each.</p> <p>4. Eight no. DG Sets of 500 KVA eachCanopy and adequate stack of 4.5 mt. aboveroof each.</p> <p>5. Six no. DG Sets of 250 KVA each - Canopy and adequate stack of 3 mt. aboveroof each.</p>
Standars to be achieved under Air (Prevention & Control of Pollution)Act, 1981	As per emission standards prescribed by thePPCB/ MoEF&CC from time to time.



02/07/2022

( Kuldeep Singh)  
Environmental Engineer

For & on  
behalf of

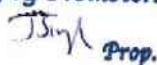
(Punjab Pollution Control Board)

Endst. No.:

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

1. The Member Secretary (SEIAA), Directorate of Environment and Climate Change, MGSIPA Complex, Adjacent StrawberryFields High School, Sector 26, Chandigarh – 160019 in reference to Office Memorandum F. no. 22-21/2020-IA.III dated 7/7/2021for information and further necessary action w.r.t violation of the environmental clearance granted to it.

For Gng Promoters



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2. The Environmental Engineer, Punjab Pollution Control Board, Regional Office, SAS Nagar. It is requested to keep a strict vigil on the activities of the Project proponent from time to time so as ensure that the project proponent does not develop/ construct in Block-F2 & Block-

B2 time. If the industry found in operation, then Regional Office will send the report with clear cut recommendations as per decision no. 2, immediately.

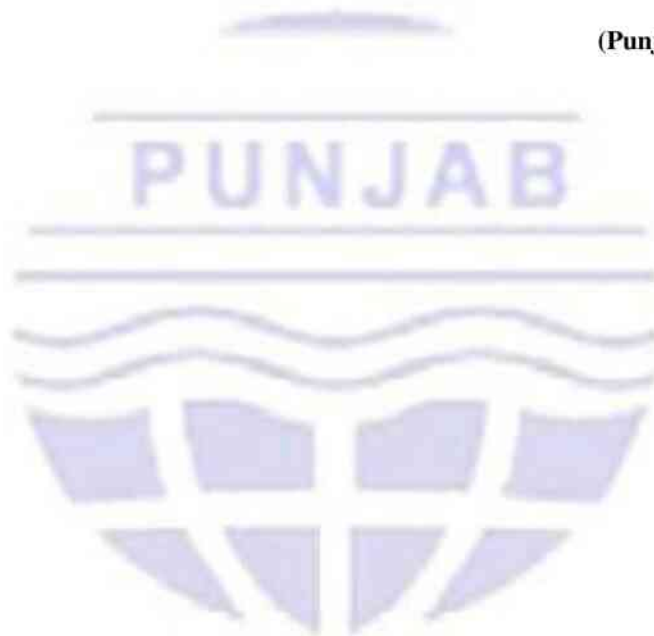


02/07/2022

**( Kuldeep Singh )  
Environmental Engineer**

*For & on  
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**(Punjab Pollution Control Board)**



**For GNG Promoters**



**Prop.**

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## 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 Trans boundary 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 equipment's etc. which are likely to cause environmental pollution.
3. The Industry shall apply for further extension in the validity of the CTE at least 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 at least 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:

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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 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.
  - (i) Once in Year for Small Scale Industries.
  - (ii) Four in a Year for Large/Medium Scale Industries.
  - (iii) The industry will submit monthly reading/ data of the separate energy meter installed for running of effluent treatment plant/re-circulations system to the concerned Regional Office of the Board by the 5th of the following month.
12. 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.
13. 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.
14. The pollution control devices shall be interlocked with the manufacturing process of the industry.
15. 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.
16. 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.
17. 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.
18. The consent does not authorize or approve the construction of any physical structures or facilities for undertaking of any work in any natural water course.
19. 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.
20. The diversion or by 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 by-pass.
21. The industry shall ensure that no water pollution problem is created in the area due to discharge of effluents from its industrial premises.

**For GNG Promoters**

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22. 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, if applicable.
23. 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.
24. The industry shall obtain and submit Insurance cover as required under the Public Liability Insurance Act, 1991.
25. The industry shall submit a site emergency plan approved by the Chief Inspector of Factories, Punjab as applicable.
26. The industry shall provide proper and adequate air pollution control arrangements for control emission from its coal/fuel handling area, if applicable.
27. 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
28. 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.
29. The industry shall submit a detailed plan showing therein, the distribution system for conveying waste-water for application on land for irrigation along with the crop pattern to be adopted throughout the year.
30. The industry shall not irrigate the vegetable crops with the treated effluents which are used/ consumed as raw.
31. 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.
32. 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.
33. The industry shall not cause any nuisance/traffic hazard in vicinity of the area.
34. 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) Registers 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.
35. The industry shall ensure that there will not be significant visible dust emissions beyond the property line.
36. 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.
37. 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




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## B. SPECIAL CONDITIONS

- 1) The project proponent shall immediately stop the further construction in Block-F2 & Block-B2 as this part is covered under revised plan approved by Chief Town Planner Punjab vide no. 4919 dated 26/8/2021. If the construction activities found in the above said blocks, then action u/s 33-A of the Water (Prevention & Control of Pollution) Act, 1974 will be initiated for closure of the project proponent without further notice.
  - 2) The project proponent shall ensure compliance of provisions of Water (Prevention & Control of Pollution) Act, 1974 and Air (Prevention & Control of Pollution) Act, 1981, Environment (Protection) Act, 1986 and or any other environment law applicable to him and rules, circulars issued by the Board from time to time.
  - 3) The project proponent shall get the revision/ issuance of corrigendum to the Environmental Clearance obtained by the project proponent from SEIAA, Punjab as per revised plan dated 18/4/2018 approved by CTP, Punjab, immediately and submit the same to the Board.
1. The project proponent may also develop the vermicomposting/ composting to manage the biodegradable solid waste. PP shall not throw, dump, burn or bury any solid wastes in open, outside premises or in drain / water bodies.
  2. The project proponent shall promote use of alternatives of single use plastics (SUP) and awareness to discourage use of plastic, through their Corporate Environment Responsibility (CER) activities.
  3. The project proponent shall ensure that there are no usages of single use plastic- thermocol disposable items such as water bottles / water pouches/ water cups, plates, forks, spoons, straw etc. and single use decorating material made of plastic-thermocol or any other non-biodegradable material in the premises.



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