



# PUNJAB POLLUTION CONTROL BOARD

Punjab Pollution Control Board, Zonal Office-II, Patiala.

Website:- www.ppcb.gov.in

Office Dispatch No :

Registered/Speed Post

Date:

Industry Registration ID: 018SGR670622

Application No : 8054132

To,

Rajeev Kumar

Dhuri, Sangrur-148024

Subject: Grant of 'Consent to Establish'(NOC) for an industrial unit u/s 25 of Water (Prevention & Control of Pollution) Act, 1974 and u/s 21 of Air (Prevention & Control of Pollution) Act, 1981.

With reference to your application for obtaining fresh 'Consent to Establish'(NOC) an industrial plant u/s 25 of Water (Prevention & Control of Pollution) Act, 1974 and u/s 21 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/SGR/2018/8054132
Date of issue :	06/08/2018
Date of expiry :	05/08/2019
Certificate Type :	Fresh

## 2. Particulars of the Industry

Name & Designation of the Applicant	Rajeev Kumar, (Partner)
Address of Industrial premises	Spangle stone, Village ladda (h.b no. 57), Dhuri, Sangrur-148024
Capital Investment of the Industry	530.0 lakhs
Category of Industry	Orange
Type of Industry	2095-Marriage Palaces
Scale of the Industry	Small
Office District	Sangrur
Consent Fee Details	Rs. 15,000/- deposited vide R. No. 32/4799 dated 11/07/2018.
Raw Materials (Name with quantity per day)	Hotel Cum Restaurant and banquet hall for gathering upto 359 Persons. (19 Room along with Banquent hall -300 person, BAR Capacity -20 person & Restaurant -20 persons).

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For Spangle Stone

Rajeev Kumar

Partner

Products (Name with quantity per day)	Hotel Cum Restaurant and banquet hall for gathering upto 359 Persons. (19 Room along with Banquet hall -300 person, BAR Capacity -20 person & Restaurant -20 persons).
By-Products, if any,(Name with quantity per day)	Nil
Details of the machinery and processes	As per the details given in the application no. 8054132
Details of the Effluent Treatment Plant	Trade effluent: Nil Domestic Effluent : 17.0 KLD ( STP for domestic effluent will be installed as per feasibility report submitted by the project proponent).
Mode of Disposal of Effluent	Domestic Effluent: Onto land for plantation on 2.5 bighas of land after STP as per the undertaking given by the project proponent alongwith the land for plantation shown in the site plan.
Standards to be achieved under Water (Prevention & Control of Pollution) Act, 1974	As per the effluent standards prescribed by the Board.
Sources of emissions and type of pollutants	DG set only of capacity 320 KVA.
Mode of disposal of emissions with stack height	Canopy alongwith adequate stack height will be provided with DG set.
Quantity of fuel required in TPD	HSD @ 25 lts/day for DG set.
Type of Air Pollution Control Devices to be installed	Adequate stack height to be provided with DG set.
Standars to be achieved under Air (Prevention & Control of Pollution) Act, 1981	As per the emission standards prescribed by the Board.



*(Handwritten signature)*

06/08/2018

(D.K.Singla)  
Environmental Engineer  
For & on behalf  
of  
(Punjab Pollution Control Board)

Endst. No.:

Dated:

A copy of the above is forwarded to the following for information and necessary action please:  
Environmental Engineer, Punjab Pollution Control Board, Regional Office, Sangrur.

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For Spangle Stone  
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Partner

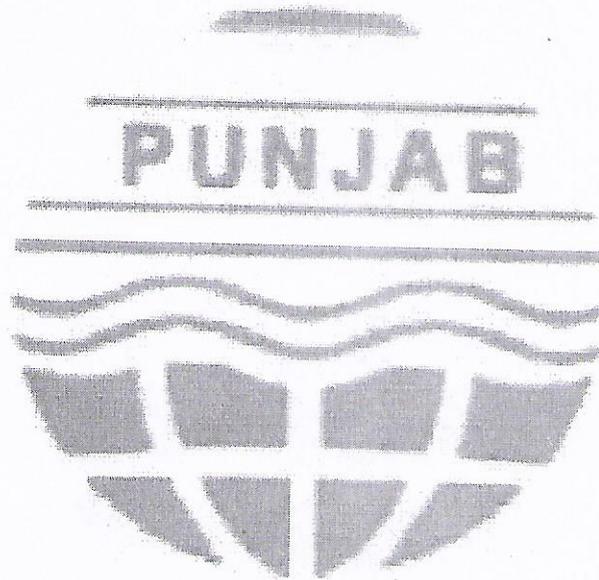


06/08/2018

(D.K.Singla)  
Environmental Engineer

For & on behalf  
of

(Punjab Pollution Control Board)

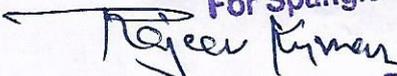


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For Spangle Stone

  
Partner

**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 whichever 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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For Spangle Stone

*Tejinder Kumar*

Partner

For Spangle Stone  
 [Signature]

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21. The industry shall ensure that no water pollution problem is created in the area due to discharge of effluents from its industrial premises.
  - (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 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.
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.
18. The consent does not authorize or approve the construction of any physical structures or facilities for undertaking of any work in any natural watercourse.
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.
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.
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.
14. The pollution control devices shall be interlocked with the manufacturing process of the industry.
  - (i) Once in Year for Small Scale Industries.
  - (ii) Twice/thrice/four time in a Year for Large/Medium Scale Industries.
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:-
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.
  - (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-circulation system to the concerned Regional Office of the Board by the 5th of the following month.
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.
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.

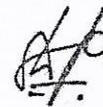
where h = height of the building in meters where the generator set is installed.

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

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

Capacity of diesel generating set	Height of the building	Height of the Stack
0-50 KVA	-do-	+ 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

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-waters 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) 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.
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



06/08/2018

(D.K.Singla)  
Environmental Engineer

For & on behalf

of

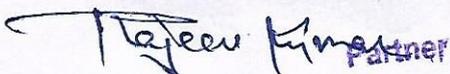
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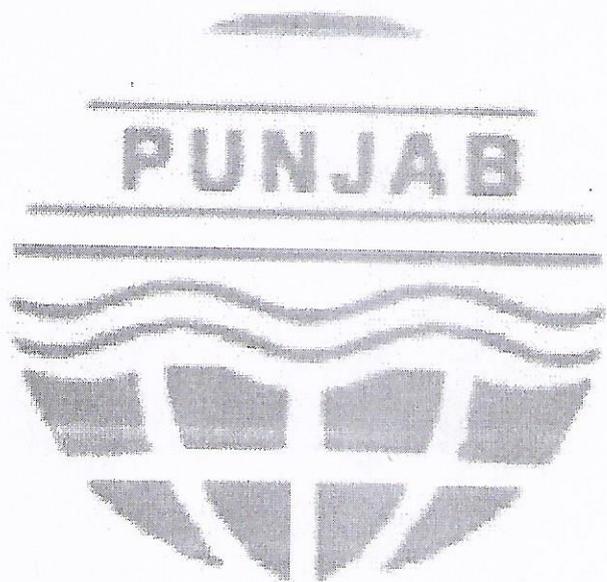
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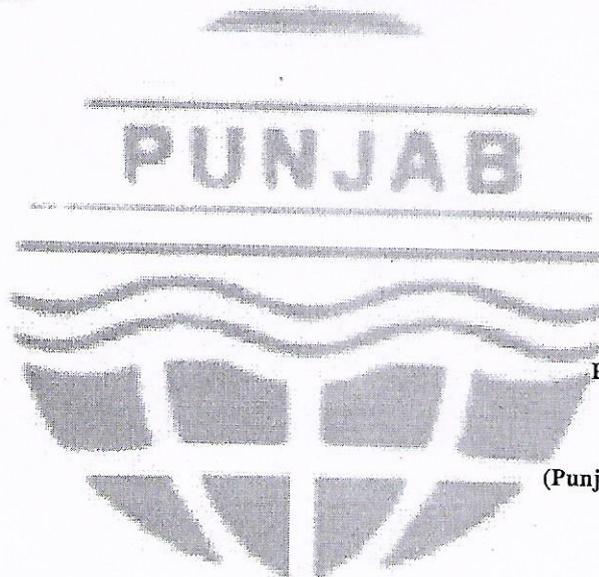
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For Spangle Stone

*Rajeev Kumar*  
Partner

**B. SPECIAL CONDITIONS**

1. The project proponent will obtain permission for abstraction of ground water as per guidelines issued by the Central Ground Water Authority.
2. The project proponent shall comply with the provisions of Solid Waste Management Rules, 2016.
3. The project proponent shall comply with the provisions of Noise pollution (regulation & control) Rules 2000.
4. The project proponent shall comply with the conditions imposed by STP vide memo. No. 485 dated 28/02/2018.
5. The project proponent shall ensure compliance to the comprehensive guidelines for the regulation of Noise/Sound Pollution caused by the use of loud speaker/public address system etc issued vide PB.Govt., Deptt. SSTE notification no. 3/100/2013-STP (4)/145 dated 26/02/2014.
6. The Project Proponent shall install water meter with the submersible pump and maintain record of readings of the same.
7. The Project Proponent shall not generate and discharge any trade effluent.
8. The Project Proponent shall provide STP as per the feasibility report submitted along with application for treatment of domestic effluent along with the main project and shall discharge the treated effluent onto land for plantation only conforming to the standards laid down in Schedule-VI of Environment (Protection) Rules, 1986.
9. The Project Proponent shall not use DJ/ loud speaker/public address system etc. in open and shall be installed and played inside the halls.
10. The Project Proponent shall not install any boiler/furnace without the prior written permission of the Board.
11. The Project Proponent shall install water efficient devices/ fixtures in the bathrooms & toilets for conservation of water.



06/08/2018

**(D.K.Singla)**  
**Environmental Engineer**

*For & on behalf*

*of*

**(Punjab Pollution Control Board)**

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**For Spangle Stone**

**Partner**