

**M/s Rana Sugars Limited (Distillery Division)**  
**Village Louhka, Tehsil Patti, District Tarn Taran, Punjab**  
**Compliance Report of Environmental Clearance Conditions**  
**01.04.2025 to 30.09.2025**

<b>A. Specific Conditions</b>		
<b>S No.</b>	<b>Conditions</b>	<b>Progress/Compliance Status</b>
1	Consent to Establish /Operate for the project shall be obtained from the State Pollution Control Board as required under the Air (Prevention and Control of pollution) Act, 1981 and the Water (Prevention and Control of Pollution) Act,1974.	Company has obtained Consent to Operate under the Air (Prevention and Control of Pollution) Act, 1981 and the Water (Prevention and Control of Pollution) Act, 1974 from Punjab Bureau of Investment Promotion. Copy of Consent to Operate enclosed as Annexure-1.
2	As already committed by the project proponent, Zero Liquid Discharge shall be ensured and no waste/treated water shall be discharged outside the premises.	Plant is operating on Zero Liquid Discharge basis and no waste/treated water is being discharged outside the premises.
3	Necessary authorization required under the Hazardous and Other Wastes (Management and Trans Boundary Movement) Rules, 2016, Solid Waste Management Rules, 2016 shall be obtained and the provision contained in the Rules shall be strictly adhered to.	Company has obtained Authorization under the Hazardous and Other Wastes (Management and Trans Boundary Movement) Rules, 2016. Copy of Authorization enclosed as Annexure-2.
4	To Control source and the fugitive emission, suitable pollution control devices shall be installed to meet the prescribed norms and / or the NAAQS. The gaseous emissions shall be dispersed through stack of adequate height as per CPCB/SPCB guidelines.	Being Complied with.
5	Total fresh water requirement shall not exceed 900 cum/ day proposed to be met from ground water sources (540 cum/day) and surface water (360cum/day). Prior permission shall be obtained from the concerned regulatory authority /CGWA in this regard.	Company has obtained permission from Punjab Water Resources & Development Authority.
6	The spent wash (during Molasses based operation) shall be taken to multi effect evaporator (MEE) and the concentrated spent wash shall be incinerated in the boiler along with bagasse.	Being Complied with.
7	Number of working/ operating days for the distillery shall be 330 days as per proposed.	Being Complied with.
8	Hazardous chemicals shall be stored in tanks, tank farms, drums, carboys etc. Flame arresters shall be provided on tank farm and the solvent transfer through pumps.	Being Complied with.
9	Process organic residue and spent carbon, if any, shall be sent to cement industries. ETP sludge, process inorganic & evaporation salt shall be disposed off to the TSDF.	Being Complied with.



S No.	Conditions	Progress/Compliance Status
10	The Company shall strictly comply with the rules and guidelines under Manufacture, Storage and Import of Hazardous Chemicals (MSIHC) Rules, 1989 as amended time to time. All transportation of Hazardous Chemicals shall be as per the Motor Vehicle Act (MVA), 1989.	Noted.
11	The Company shall undertake waste minimization measures as below: (i) Metering and control of quantities of active ingredients to minimize waste. (ii) Reuse of by-products from the process as raw materials or as raw material substitutes in other processes. (iii) Use of automated filling to minimize spillage. (iv) Use of Close Feed system into batch reactors. (v) Venting equipment through vapour recovery system. (vi) Use of high pressure hoses for equipment clearing to reduce wastewater generation.	Being Complied with.
12	The green belt of 5-10 m width shall be developed in more than 33% of the total project area, mainly along the plant periphery, in downward wind direction and along road sides etc. Selection of plant species shall be as per the CPCB guidelines in consultations with the State Forest Department.	Complied with.
13	All the commitments made regarding issues raised during the public hearing/ consultation meeting shall be satisfactorily implemented.	Complied with.
14	At least 5% of the total project cost shall be allocated for Corporate Environment Responsibility (CER) and item-wise details along with time bound action plan shall be prepared and submitted to the Ministry's Regional office.	Complied with.
15	For the DG Sets, emission limits and the stack height shall be in conformity with the extant regulations and the CPCB guidelines. Acoustic enclosure shall be provided to DG set for controlling the noise pollution.	Acoustic enclosure has been provided for all the DG sets to mitigate the noise pollution and the stack height is also as per CPCB guidelines. Stack Emission as well as Ambient Noise Report of DG Sets enclosed as Annexure-3.
16	The unit shall make the arrangement for protection of possible fire hazards during manufacturing process in material handling. Fire fighting system shall be as per the norms.	Complied with and industry has also obtained NOC from Fire Deptt. Copy of Fire NOC enclosed as Annexure-4.
17	Occupational health surveillance of the workers shall be done on a regular basis and records maintained as per the Factories Act.	Complied with. Health check-up of all the workers is being carried out on regular basis. Medical Check-up Report of Employees enclosed as Annexure-5.
18	There shall be adequate space inside the plant premises earmarked for parking of vehicles for raw materials and finished products, and no parking to be allowed outside on public places.	Dedicated parking area has been provided for unloading and loading of material within the industry.



S No.	Conditions	Progress/Compliance Status
19	Storage of raw materials shall be either stored in silos or in covered areas to prevent dust pollution and other fugitive emissions.	Being Complied with.
20	Continuous online (24X7) monitoring system for stack emissions shall be installed for measurement of flue gas discharge and the pollutants concentration and the data to be transmitted to the CPCB and SPCB server. For online continuous monitoring of effluent, the unit shall install web camera with night vision capability and flow meters in the channel/drain carrying effluent within the premises.	Complied with.
21	CO <sub>2</sub> generated from the process shall be bottled/made solid ice and sold to authorized vendors.	Being Complied with.
22	There shall be adequate inside the plant premises earmarked for parking of vehicles for raw materials and finished products, and no parking to be allowed outside on public places.	Dedicated parking area has been provided for unloading and loading of material within the industry.
<b>B. Generic Conditions</b>		
1	The project authorities must strictly adhere to the stipulations made by the State Pollution Control Board (SPCB), State Government and / or any other statutory authority.	Being Complied with.
2	No further expansion or modifications in the plant shall be carried out without prior approval of the Ministry of Environment, Forest and Climate Change. In case of deviations or alterations in the project proposal from those submitted to this Ministry for clearance, a fresh reference shall be made to the Ministry to assess the adequacy of conditions imposed and to add additional environmental protection measure required, if any.	Noted.
3	The location of ambient air quality monitoring stations shall be decided in consultation with the State Pollution Control Board (SPCB) and it shall be ensured that at least one stations each is installed in the upwind and downwind direction as well as where maximum ground Level concentrations are anticipated.	Complied with. Ambient Air Report enclosed as Annexure-6.
4	The National Ambient Air Quality Emission Standards issued by the Ministry vide G.S.R. No 826(E) Dated 16 <sup>th</sup> November 2009 shall be complied with.	Being Complied with. Air Quality Report enclosed as Annexure-7.



S No.	Conditions	Progress/Compliance Status
5	The overall noise levels in and around the plant area shall be kept well within the standard by providing noise control measures including acoustic hoods, silencers, enclosures etc. on all sources of noise generation. The ambient noise levels shall conform to the standards prescribed under Environment (Protection) Act, 1986 Rules, 1989 viz. 75 dBA (day time) and 70 dBA (night time).	Being Complied with. Noise Level Monitoring Report is enclosed as Annexure-8.
6	The Company shall harvest rainwater from the roof tops of the buildings to recharge ground water, and to utilize the same for different industrial operations within the plant.	Complied with.
7	Training shall be imparted to all employees on safety and health aspects of chemical handling. Pre-employment and routine periodical medical examinations for all employees shall be undertaken on regular basis.	Training for Chemical Handling has been provided to all the employees involved in the Process/ Production. In order to ensure good health of employees, regular health check-up are being carried out. Medical Check-up Report of Employees enclosed as Annexure-5.
8	The Company shall comply with all the environmental protection measures and safeguards proposed in the documents submitted to the Ministry. All the recommendations made in the EIA/EMP in respect of environmental management, risk mitigation measures and public hearing shall be implemented.	Complied with.
9	The Company shall undertake all measures for improving socio-economic conditions of the surrounding area. CSR activities shall be undertaken by involving local villagers, administration and other stake holders. Also eco-developmental measures shall be undertaken for overall improvement of the environment	Complied with.
10	A separate Environmental Management Cell equipped with full-fledged laboratory facilities shall be set up to carry out the Environmental Management and Monitoring functions.	We are having a full fledged laboratory to carry out the Environmental Management & Monitoring functions. A separate Environment Management Cell has been constituted to carry out the Environmental Management and Monitoring functions. Copy of EMC is enclosed as Annexure-9.
11	The Company shall earmark sufficient funds towards capital cost and recurring cost per annum to implement the conditions stipulated by the Ministry of Environment, Forest and Climate Change as well as the State Government along with the implementation schedule for all the conditions stipulated herein. The fund so earmarked for environment management / pollution control measures shall not be diverted for any other purpose.	Complied with.



S No.	Conditions	Progress/Compliance Status
12	A copy of the clearance letter shall be sent by the project proponent to concerned Panchayat, Zila Parishad/Municipal Corporation, Urban local Body and the local NGO, if any, from whom suggestions/representations, if any were received while processing the proposal.	Complied with.
13	The project proponent shall also submit six monthly reports on the status of compliance of the stipulated Environmental Clearance conditions including results of monitored data (both in hard copies as well as by e-mail) to the respective Regional office of MoEF&CC, the respective zonal office of CPCB and SPCB. A copy of Environmental Clearance and six monthly compliance status report shall be posted on the website of the company.	Complied with. Copy of Monitored Data is enclosed as Annexure-10.
14	The Environmental Statement for each financial year ending 31 <sup>th</sup> March Form-V as is mandated shall be submitted to the concerned State Pollution Control Board as prescribed under the Environmental (Protection) Rules, 1986 as amended subsequently, shall also be put on the website of the company along with the status of compliance of environmental clearance conditions and shall also be sent to the respective regional offices of MoEF&CC by e-mail.	Complied with.
15	The project proponent shall inform the public that the project has been accorded environmental clearance by the Ministry and copies of the clearance letter are available with the SPCB/ Committee and may also be seen at website of the Ministry at <a href="http://moef.nic.in">http://moef.nic.in</a> . This shall be advertised within seven days from the date of issue of the clearance letter, at least in two local newspaper that are widely circulated in the region of which one shall be in the vernacular language of the locality concerned and a copy of the same shall be forwarded to the concerned Regional office of the Ministry.	Complied with.





**PUNJAB POLLUTION CONTROL BOARD**  
Invest Punjab, PBIP, Udyog Bhawan, Sector 17, Chandigarh  
Website:- www.ppcb.gov.in



Office Dispatch No.: PBIP/PCCB/E-I/603903/2023/1

Date: 21/09/2023.

*O/C To*  
RANA VEER PARTAP SINGH  
H.NO.16  
TARN TARAN, PATTI - 160001

**Subject:-** Grant Varied '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 Varied '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	230339675
Application No.:	2306121390
Date of Issue:	21-Jul-2023
Date of Expiry:	31-Mar-2028
Certificate Type:	Fresh
Certificate No:	CTOA/Varied/PBIP/ASR/2023/2306121390

**2. Particulars of the Industry:**

Name & Designation of the Applicant:	Rana Veer Partap Singh, (Director)
Name of Business Entity	Rana Sugars Limited (Distillery Division)
Name of the Project/Unit:	Rana Sugars Limited (Distillery Division)
Address of Project/Unit:	Village Louhka , Patti , Tarn Taran
Capital Investment of the Industry(in lakhs):	15521.13
Category of Industry:	Red
Type of Industry:	1060 - Distillery ( molasses / grain / yeast based)
Scale of the Industry:	Large - > Rs. 50 Crore
Office District:	Amritsar
Consent Fee Details:	Rs. 864500/- vide R. No. 670769780 dated 28.06.2023 as consent fee under Water (Prevention & Control of Pollution) Act, 1974 and Rs. 864500/- vide R. No. 399929993 dated 28.06.2023 as consent fee under Air (Prevention & Control of Pollution) Act, 1981, against the total fixed assets of Rs. 162.92 Crore.
Raw Materials (Name with quantity per day):	C Molasses @ 680 MTD, Grain @ 475 MTD, Cane Juice @ 787 MTD, B Heavy Molasses @ 726 MTD, Sodium Hydroxide @ 24480 MT/Annum, Nutrients @ 11160

	MT/Annum, Antifoam @ 166800 MT/Annum, Yeast @ 55560 MT/Annum, Enzymes @ 131520 MT/Annum
Products (Name with quantity per day):	Extra Neutral Alcohol/ Rectified Spirit/ Ethanol @ 225 KLPD
By Products, if any (Name with quantity per day) :	DWGS @ 225 MTD CO2 @ 125 MTD
Details of the machinery and processes:	As per application form.
Sources of emissions and type of pollutants:	Boiler of capacity 30 TPH - SPM 2 no. DG sets of capacity 500 KVA each - SPM, SOx, NOx
Mode of disposal of emissions with stack height:	Boiler of capacity 30 TPH - Stack of height 70 m AGL after APCD 2 no. DG sets of capacity 500 KVA each - canopy alongwith Stack of height as per following formula: $H = h + 0.2 (KVA)^{0.5}$ where h = height of the building in meters where the generator set is installed.
Quantity of fuel required in TPD:	Boiler of capacity 30 TPH - Rice Husk/ Paddy Straw @ 190 Metric Tonnes/Day 2 no. DG sets of capacity 500 KVA each - HSD @ 2500 Ltr/day in each DG Set
Type of Air Pollution Control Devices to be installed:	Boiler of capacity 14 TPH - Electrostatic Precipitator (ESP) 2 no. DG sets of capacity 500 KVA each - canopy provided with each DG Set.
Standard to be achieved under Air(Prevention & Control of Pollution) Act, 1981:	As prescribed by the CPCB/PPCB/MoEF&CC, from time to time.


  
 d/c  
 Environmental Engineer (PBIP)  
 for & on behalf of  
 Chief Environmental Engineer (PBIP)

Endst. No. PBIP/PPCB/E-T/603903/2023/2-2

Dated: 21/07/2023.

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

1. Senior Environmental Engineer, Zonal Office, Amritsar.
2. Environmental Engineer, Regional Office, Amritsar.

*dlc*  
  
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 ( $D_e$ ) shall be calculated from the following equation to determine upstream, downstream distance:-

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

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 $H = 14 Qg^{0.3}$ or $H = 74 (Qp)^{0.24}$ Where $Qg$ = Quantity of SO <sub>2</sub> in Kg/hr. $Qp$ = 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 building	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.


dc 

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

## B. SPECIAL CONDITIONS

1. This consent to operate has been granted for the production of Extra Neutral Alcohol/ Rectified Spirit/ Ethanol @ 225 KLPD (same as previous consent) by using C Molasses @ 680 MTD, Grain @ 475 MTD, Cane Juice @ 787 MTD, B Heavy Molasses @ 726 MTD, Sodium Hydroxide @ 24480 MT/Annum, Nutrients @ 11160 MT/Annum, Antifoam @ 166800 MT/Annum, Yeast @ 55560 MT/Annum, Enzymes @ 131520 MT/Annum as raw materials only, in supersession to the Consent to Operate under the Air (Prevention & Control of Pollution) Act, 1981 earlier granted vide no. CTOA/Varied/TRT/2020/14454738 dated 11.12.2020, which was valid upto 31.03.2025.
2. The industry shall only manufacture the products and limit their quantities, for which it has been granted consent to operate from the Board. It shall not manufacture any other product without the prior written permission of the Board/ Competent Authority.
3. The industry will comply with the conditions of the environmental clearance granted by Ministry of Environment, Forest and Climate Change, Govt. of India vide letter no. J-11011/175/2017-1A ii(i) dated 01.03.2019 and conditions mentioned in the permission for increase in production capacity from 150 KLPD to 225 KLPD with no increase in pollution load vide Board letter no. 24219-22 dated 04.11.2020, in true letter & spirit.
4. The industry shall get the building plan under the Factories Rule, 1952 approved from the competent authority or the person authorized by the competent authority under the Factories Act, 1948 for the same, within one month, and shall submit compliance to the Board, within 15 days thereafter.
5. The industry shall not carry out any further expansion or modifications in the plant, without obtaining prior written permission from the Board and/ or revised Environment Clearance from the Competent Authority.
6. The industry shall comply with all terms & conditions mentioned in the site clearance approved by the SAC vide no. 1173 dated 07.08.2019.
7. The industry shall only use Rice Husk/ Paddy Straw as fuel in boiler of capacity 30 TPH, further it shall make sure that rice husk/ paddy straw is used in dry form/ devoid of moisture and no black smoke is emitted from the stack of the unit.
8. The industry shall ensure that the steam generation from the 30 TPH boiler shall not exceed the steam generation derived from continuous operation of the existent 14 TPH & 15 TPH boiler (i.e. 29 TPH boiler capacity), at any time and maintain proper record regarding generation of steam from the 30 TPH boiler and shall submit the same after getting it duly verified from Director, Boilers once to the Regional Office of the Board. The data thereafter, shall be submitted to Regional Office on quarterly basis for information/compliance.
9. The industry shall ensure that the concentration of particulate matter from the operation of 30 TPH boiler shall remain within the prescribed limit of 50 mg/Nm<sup>3</sup>, in any case.
10. The industry shall install online continuous emission monitoring system (OCEMS) with stack of its boiler (30 TPH) within one month, and shall submit compliance to the Board, within 15 days thereafter.
11. The industry shall provide online CCTV cameras focusing on the outlet of the stack as well as fuel feeding point of the boiler and make internal mechanism for 24X7 monitoring of the stacks so as to ensure that no black smoke will be discharged through the outlets of the stacks provided in the industry. Further, the CCTV be linked with the server of the PPCB before commissioning of the unit.
12. The industry shall ensure that due to operation of the unit at the site, no nuisance for general public is created at any time and no public complaints are received.
13. The adequacy/ efficacy of the pollution control arrangements shall be the sole responsibility of the industry and the industry shall be bound to implement/ upgrade its pollution control arrangements as per the discretion of the Board to achieve the prescribed emission/ effluent standards, as amended from time to time.
14. The industry shall comply with the provisions of Solid Waste Management Rules, 2016.
15. The industry shall obtain the authorization under the Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016.

16. The establishment shall obtain all the statutory approvals/clearances from the concerned departments.
17. 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.
18. The Punjab Pollution Control Board shall have the liberty to revoke this consent & take penal action against the industry/project proponent and its responsible/ concerned person(s), in case any information/document provided by the industry/ project proponent is found to be incorrect/false/misleading at any point of time.
19. In case the project proponent 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.
20. The Punjab Pollution Control Board shall not be responsible for any financial liability and/ or any other liability of the project proponent, due to grant of this Consent to Operate.

  
o/c  
Environmental Engineer (PBIP)  
for & on behalf of  
Chief Environmental Engineer (PBIP)

**PUNJAB POLLUTION CONTROL BOARD**

Invest Punjab, PBIP, Udyog Bhawan, Sector 17, Chandigarh

Website- www.ppcb.gov.in

Office Dispatch No.: PBIP/PPCB/E-I/603911/2023/1

Date: 21/07/2023

To

RANA VEER PARTAP SINGH  
H.NO.16  
TARN TARAN, PATTI - 160001

Subject:- Grant Varied 'Consent to Operate' an Outlet u/s 25/26 of Water (Prevention & Control of Pollution) Act, 1974 for discharge of Effluent.

With reference to your application for obtaining Varied 'Consent to Operate' an outlet for discharge of the effluent u/s 25/26 of Water (Prevention & Control of Pollution) Act, 1974, you are, hereby, authorized to operate an industrial unit for discharge of the effluent(s) arising out of your premises subject to the Terms and Conditions as mentioned in this Certificate.

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

PIN	230339675
Application No.:	2306274664
Date of Issue:	21-Jul-2023
Date of Expiry:	31-Mar-2028
Certificate Type:	Fresh
Certificate No.:	CTOW/Varied/PBIP/ASR/2023/2306274664

**2. Particulars of the Industry:**

Name & Designation of the Applicant:	Rana Veer Partap Singh, (Director)
Name of Business Entity	Rana Sugars Limited (Distillery Division)
Name of the Project/Unit	Rana Sugars Limited (Distillery Division)
Address of Project/Unit:	Village Louhka, Patti, Tarn Taran
Capital Investment of the Industry (in Lakhs)	15521.13
Category of Industry:	Red
Type of Industry	1060 - Distillery ( molasses / grain / yeast based)
Scale of the Industry:	Large - > Rs. 50 Crore
Office District:	Amritsar
Consent Fee Details:	Rs. 864500/- vide R. No. 670769780 dated 28.06.2023 as consent fee under Water (Prevention & Control of Pollution) Act, 1974 and Rs. 864500/- vide R. No. 399929993 dated 28.06.2023 as consent fee under Air (Prevention & Control of Pollution) Act, 1981, against the total fixed assets of Rs. 162.92 Crore.
Raw Materials (Name with quantity per day):	C Molasses @ 680 MTD, Grain @ 475 MTD, Cane Juice @ 787 MTD, B Heavy Molasses @ 726 MTD, Sodium Hydroxide @ 24480 MT/Annum, Nutrients @ 11160

	MT/Annum, Antifoam @ 166800 MT/Annum, Yeast @ 55560 MT/Annum, Enzymes @ 131520 MT/Annum
Products (Name with quantity per day):	Extra Neutral Alcohol/ Rectified Spirit/ Ethanol @ 225 KLPD
By Products, if any (Name with quantity per day) :	DWGS @ 225 MTD CO2 @ 125 MTD
Details of the machinery and processes:	As per application form.
Details of Effluent Treatment Plant:	Trade Effluent @ 1462 KLD – treated through Effluent Treatment Plant (ETP) Domestic Effluent @ 20 KLD – passed through septic tank.
Mode of disposal of Effluent:	Treated Trade Effluent – reused completely in process/ utilities to achieve Zero Liquid Discharge (ZLD) status. Treated Domestic Effluent – discharged onto land for plantation in an area of 13 acres after passing through septic tank.
Standard to be achieved under Water(Prevention & Control of Pollution) Act, 1974:	As prescribed by the CPCB/PPCB/MoEF&CC, from time to time.



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, Amritsar.
2. Environmental Engineer, Regional Office, Amritsar.

-sd-

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

## A. GENERAL CONDITIONS

1. This consent is not valid for getting power load from the Punjab State Power Corporation Limited or for getting loan from the financial institutions.
2. The industry shall apply for renewal/further extension in validity of consent atleast two months before expiry of the consent.
3. The industry shall ensure that the effluent discharging through the authorized outlet shall confirm to the prescribed standards as applicable from time to time.
4. The industry shall plant minimum of three suitable varieties of trees at the density of not less than 1000 trees per hectare all along the boundary of the industrial premises.
5. The achievement of the adequacy and efficiency of the effluent treatment plant/pollution control devices/recirculation system installed shall be the entire responsibility of the industry.
6. The industry shall ensure that the Hazardous Wastes generated from the premises are handled as per the provisions of the Hazardous Wastes(Management, Handling and Trans boundary Movement) Rules, 2008 as amended time to time , without any adverse effect on the environment, in any manner
7. The responsibility to monitor the effluent discharged from the authorized outlet and to maintain a record of the same rests with the industry. The Board shall only test check the accuracy of these reports for which the industry shall deposit the samples collection and testing fee with the Board as and when required.
8. The industry shall submit balance sheet of every financial year to the concerned Regional Office by 30th June of every year
9. The industry shall submit a yearly certificate to the effect that no addition/up-gradation/modification/modernization has been carried out during the previous year otherwise the industry shall apply for the varied consent.
10. During the period beginning from the date of issuance and the date of expiration of this consent, the applicant shall not discharge floating solids or visible foam.
11. Any amendments/revisions made by the Board in the tolerance limits for discharges shall be applicable to the industry from the date of such amendments/revisions
12. The industry shall not change or alter the manufacturing process(es) so as to change the quality and/or quantity of the effluents generated without the written permission of the Board.
13. Any upset conditions in the plant/plants of the factory, which is likely to result in increased effluent and/or result in violation of the standards lay down by the Board shall be reported to the Environmental Engineer,Punjab Pollution Control Board of concerned Regional Office immediately failing which any stoppage and upset conditions that come to the notice of the Board/its officers, will be deemed to be intentional violation of the conditions of consent.
14. The industry shall provide terminal manhole(s) at the end of each collection system and a manhole upstream of final outlet (s) out of the premises of the industry for measurement of flow and for taking Samples.
15. The industry shall for the purpose of measuring and recording the quantity of water consumed and effluent discharged, affix meters of such standards and at such places as approved by the Environmental Engineer,Punjab Pollution Control Board of the concerned Regional Office.
16. The industry shall maintain record regarding the operation of effluent treatment plant i.e. record of quantity of chemicals and energy utilized for treatment and sludge generated from treatment so as to satisfy the Board regarding regular and proper operation of pollution control equipment.

17. The industry shall provide online monitoring equipment for the parameters as decided by concerned Regional Office with the effluent treatment plant/air pollution control devices installed, if applicable.
18. The pollution control devices shall be interlocked with the manufacturing process of the industry.
19. The authorized outlet and mode of disposal shall not be changed without the prior written permission of the Board
20. The industry shall comply with the conditions imposed by the SEIAA / MOEF in the environmental clearance granted to it as required under EIA notification dated 14/9/06, if applicable.
21. The industry shall obtain and submit Insurance cover as required under the Public Liability Insurance Act, 1991
22. The industry shall not use any unauthorized out-let(s) for discharging effluents from its premises. All unauthorized outlets, if any, shall be connected to the authorized outlet within one month from the date of issue of this consent.
23. The industry shall make necessary arrangements for the monitoring of effluent being discharged by the industry and shall monitor its effluents:-
  - (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
24. The industry shall provide electromagnetic flow meters at the source of water supply, at inlet/outlet of effluent treatment plant within one month and shall maintain the record of the daily reading and submit the same to the concerned Regional Office by the 5th of the following month.
25. The Board reserves the right to revoke this consent at any time in case the industry is found violating any of the conditions of this consent and/or the provisions of Water (Prevention & Control of Pollution) Act, 1974 as amended from time to time.
26. 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.
27. The consent does not authorize or approve the construction of any physical structures or facilities for undertaking of any work in any natural watercourse
28. Nothing in this consent 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.
29. The industry shall make necessary and adequate arrangements to hold back the effluent in case of failure of septic tank.
30. 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.
31. The industry shall ensure that no water pollution problem is created in the area due to discharge of effluents from its industrial premises

32. 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
33. 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 to prevent any pollutants from such materials from entering into natural water.
34. The industry shall re-circulate the entire cooling water and shall also re-circulate/reuse to the maximum extent the treated effluent in processes
35. The industry shall make necessary and adequate arrangements to hold back the effluent in case of failure of re-circulation system/ effluent treatment plant.
36. The industry shall make proper disposal of the effluent so as to ensure that no stagnation occurs inside and outside the industrial premises during rainy season and no demand period
37. Where excessive storm water 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.
38. 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 for the year.
39. The industry shall ensure that the effluent discharged by it is toxicity free
40. The industry shall not irrigate the vegetable crops with the treated effluents which are used/ consumed as raw.
41. Drains causing oil & grease contamination shall will be segregated. Oil & grease trap shall be provided to recover oil & grease from the effluent.
42. 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, and the monitoring shall be submitted to the Environmental Engineer of the concerned Regional Office by the 5th of every month.
43. The industry shall ensure that its production capacity & quantity of trade effluent do not exceed the quantity mentioned in the consent and shall not carry out any expansion without the prior permission/NOC of the Board.

*sd*

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

## B. SPECIAL CONDITIONS

1. This consent to operate has been granted for the production of Extra Neutral Alcohol/ Rectified Spirit/ Ethanol @ 225 KLPD (same as previous consent) by using C Molasses @ 680 MTD, Grain @ 475 MTD, Cane Juice @ 787 MTD, B Heavy Molasses @ 726 MTD, Sodium Hydroxide @ 24480 MT/Annum, Nutrients @ 11160 MT/Annum, Antifoam @ 166800 MT/Annum, Yeast @ 55560 MT/Annum, Enzymes @ 131520 MT/Annum as raw materials only, in supersession to the Consent to Operate under the Water (Prevention & Control of Pollution) Act, 1974 earlier granted vide no. CTOW/Varied/TRT/2020/14459510 dated 11.12.2020, which was valid upto 31.03.2025.
2. The industry shall only manufacture the products and limit their quantities, for which it has been granted consent to operate from the Board. It shall not manufacture any other product without the prior written permission of the Board/ Competent Authority.
3. The industry will comply with the conditions of the environmental clearance granted by Ministry of Environment, Forest and Climate Change, Govt. of India vide letter no. J-11011/175/2017-1A ii(i) dated 01.03.2019 and conditions mentioned in the permission for increase in production capacity from 150 KLPD to 225 KLPD with no increase in pollution load vide Board letter no. 24219-22 dated 04.11.2020, in true letter & spirit.
4. The industry shall get the building plan under the Factories Rule, 1952 approved from the competent authority or the person authorized by the competent authority under the Factories Act, 1948 for the same, within one month, and shall submit compliance to the Board, within 15 days thereafter.
5. The industry shall not carry out any further expansion or modifications in the plant, without obtaining prior written permission from the Board and/ or revised Environment Clearance from the Competent Authority.
6. The industry shall comply with all terms & conditions mentioned in the site clearance approved by the SAC vide no. 1173 dated 07.08.2019.
7. The industry shall be bound to operate its plant & machinery as per the Zero liquid Discharge mechanism, in compliance to MoEF&CC notification dated 16/06/2021 and will not discharge any trade effluent under any circumstances.
8. The industry will not exceed the generation of trade effluent of more than in accordance with the terms of Environment Clearance granted to it. Further, the industry shall immediately provide flow meter on the line(s) carrying treated/ Untreated effluent within its premises (such as such as spent lees and spent wash and the pipeline used for recirculation of treated wastewater, spent wash recycle and scrubber water) if not already provided and maintain proper record regarding the readings of the same, at all times.
9. The industry shall regularly operate & maintain its effluent treatment plant and the treated effluent shall be reused in the process/ utilities in accordance with the Environment Clearance issued to it.
10. The industry shall maintain adequate plantation area as well as permanent pipeline network for uniform distribution of wastewater in the entire plantation area (after treatment from STP), so that no stagnation of wastewater occurs inside, outside or in the plantation area at any time.
11. The industry shall adopt water conservation methods to reduce consumption of fresh water in process and in turn minimize the wastewater generation.
12. The industry shall not discharge any trade & domestic effluent (treated or untreated) into choe / drain /river or inland surface water at any time or any other unauthorized place by any unauthorized means and shall reuse the treated effluent in the process in accordance with the water balance submitted by it. Further, the industry shall stick to the water balance submitted by it.
13. The industry shall ensure that due to operation of the unit at the site, no nuisance for general public is created at any time and no public complaints are received.
14. The adequacy/ efficacy of the pollution control arrangements shall be the sole responsibility of the industry and the industry shall be bound to implement/ upgrade its pollution control arrangements as per the discretion of the Board to achieve the prescribed emission/ effluent standards, as amended from time to time.
15. The industry shall comply with the provisions of Solid Waste Management Rules, 2016.

16. The industry shall obtain the authorization under the Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016.

17. The establishment shall obtain all the statutory approvals/clearances from the concerned departments.

18. 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.

19. The Punjab Pollution Control Board shall have the liberty to revoke this consent & take penal action against the industry/project proponent and its responsible/ concerned person(s), in case any information/document provided by the industry/ project proponent is found to be incorrect/false/misleading at any point of time.

20. In case the project proponent 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.

21. The Punjab Pollution Control Board shall not be responsible for any financial liability and/ or any other liability of the project proponent, due to grant of this Consent to Operate.

-sd-

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


**PUNJAB POLLUTION CONTROL BOARD**

 Zonal Office, Plot No. 164, Focal Point, Mehta Road,  
Amritsar

Website:- www.ppcb.gov.in


**LIFE**  
Lifestyle for  
Environment

Office Dispatch No :

Registered/Speed Post

Date:

Industry Registration ID : R12TRT87956

Application No : 22888903

To,

**RANA VEERPARTAP SINGH**  
SCO-49-50, SECTOR-8C, MADYA MARG, CHD  
CHANDIGARH, UT-160009

**Subject: Renewal of Authorization for operating a facility for 'Collection, Generation, Storage, Disposal, ' of Hazardous Wastes as per the Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 .**

RANA VEERPARTAP SINGH of Rana sugars ltd(distillery division) is hereby granted an authorisation based on the enclosed signed inspection report for Collection, Generation, Storage, Disposal, on the premises situated at Village- loughka, tehsil-patti, Patti, Tarantaran-143415

**1. Particulars of Authorization granted to the Industry**

Authorization No	HWM/renew/TRT/2023/22888903
Previous Authorization No	HWM/Fresh/TRT/2018/8000802
Date of issue :	11/08/2023
Date of expiry :	30/06/2028
Previous Authorization Date of Issue :	28/09/2018
Previous Authorization Date of Expiry :	30/06/2023
Authorization Type :	renew

**2. Particulars of the Industry**

Name & Designation of the Applicant	RANA VEER PARTAP SINGH, (DIRECTOR)
Address of Industrial premises	Rana sugars ltd(distillery division), Village- loughka, tehsil-patti, , Patti, Tarantaran-143415
Capital Investment of the Industry	13268.96 lakhs
Category of Industry	Red
Type of Industry	Distilleries
Scale of the Industry	Large
Office District	Tarantaran

"This is computer generated document from OCMMS by PPCB"

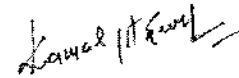
Rana sugars ltd(distillery division), Village- loughka, tehsil-patti, Patti, Tarantaran, 143415

Page1

3. Particulars of Wastes

Category of Hazardous Waste as per the Schedules I,II and III of these rules	Authorised mode of disposal or recycling or utilisation or co-processing, etc	Quantity (ton/annum)
Schedule I 5.1-Used or spent oil	Generation , Collection , Storage , Disposal	0.30 KL/Annum

4. The authorisation is subject to the general and specific conditions as appended with the Authorization.



11/08/2023

**(Kamaljit Singh)**  
**Environmental Engineer**

*For & on behalf*

*of*

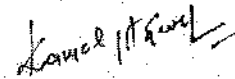
**(Punjab Pollution Control Board)**

PUNJAB

Endst. No.:

Dated:

A copy of the above is forwarded to the following for information and necessary action please:  
The EE, RO, Amritsar for info. and n/a please



11/08/2023

**(Kamaljit Singh)**  
**Environmental Engineer**

*For & on behalf*

*of*

**(Punjab Pollution Control Board)**

"This is computer generated document from OCMMS by PPCB"

Rana sugars ltd(distillery division),Village- loubika, tehsil-patti, Patti,Tarantaran.143415

## TERMS AND CONDITIONS

### A. GENERAL CONDITIONS

1. The authorised person shall comply with the provisions of the Environment (Protection) Act, 1986, and the rules made there under.
2. The authorisation or its renewal shall be produced for inspection at the request of an officer authorised by the State Pollution Control Board.
3. The person authorised shall not rent, lend, sell, transfer or otherwise transport the hazardous and other wastes except what is permitted through this authorisation.
4. Any unauthorised change in personnel, equipment or working conditions as mentioned in the application by the person authorised shall constitute a breach of his authorisation.
5. The person authorised shall implement Emergency Response Procedure (ERP) for which this authorisation is being granted considering all site specific possible scenarios such as spillages, leakages, fire etc. and their possible impacts and also carry out mock drill in this regard at regular interval of time;
6. The person authorised shall comply with the provisions outlined in the Central Pollution Control Board guidelines on  $\frac{1}{2}$ Implementing Liabilities for Environmental Damages due to Handling and Disposal of Hazardous Waste and Penalty $\frac{1}{2}$ .
7. It is the duty of the authorised person to take prior permission of the State Pollution Control Board to close down the facility.
8. The imported hazardous and other wastes shall be fully insured for transit as well as for any accidental occurrence and its clean-up operation.
9. The record of consumption and fate of the imported hazardous and other wastes shall be maintained.
10. The hazardous and other waste which gets generated during recycling or reuse or recovery or pre-processing or utilisation of imported hazardous or other wastes shall be treated and disposed of as per specific conditions of authorisation.
11. The importer or exporter shall bear the cost of import or export and mitigation of damages if any.
12. An application for the renewal of an authorisation shall be made as laid down under these Rules.
13. Any other conditions for compliance as per the Guidelines issued by the Ministry of Environment, Forest and Climate Change or Central Pollution Control Board from time to time.
14. Annual return shall be filed by June 30th for the period ensuring 31st March of the year.


### B. SPECIFIC CONDITIONS

*"This is computer generated document from OCMMS by PPCB"*

*Rana sugars ltd(distillery division), Village- loubhka, tehsil-patti, Patti, Tarantaran, 143415*

*Page3*

- (1) The industry shall dispose off hazardous wastes of all categories to concerned authorized companies on regular basis and shall not store hazardous waste of any category more than 03-months in the premises.
- (2) The industry shall maintain the records regarding generation/storage and disposal of hazardous wastes of all categories as per provisions of the Hazardous Waste Management Rules, 2016.
- (3) The industry shall not throw / burn or bury any solid wastes in open, outside premises or in drain / water bodies.
- (4) The industry shall promote use of alternatives of single use plastics (SUP) and awareness to discourage use of plastic.
- (5) The industry shall ensure that there are no usages of single use plastic-thermocool disposable items such as water bottles / water pouches/water cups, plates, forks, spoons, straw etc. and single use decorating material made of plastic-thermocool or any other non-biodegradable material in the premises.
- (6) The industry shall properly handle and manage the solid wastages as per the provisions of the Municipal Solid Waste Rules 2016 and ensure that the solid waste is segregated & disposed of in an environmentally sound manner.
- (7) Project proponent (PP) may also develop the vermicomposting/composting to manage the biodegradable solid waste. PP shall not throw, burn or bury any solid wastes in open, outside premises or in drain / water bodies.
- (8) PP shall perform / promote its Corporate Environment Responsibility (CER) activities as well as use of alternatives of single use plastics (SUP) and awareness to discourage use of plastic (See attached banner/circular).
- (9) PP shall ensure that there are no usages of single use plastic-thermocool disposable items such as water bottles / water pouches/water cups, plates, forks, spoons, straw etc. and single use decorating material made of plastic-thermocool or any other non-biodegradable material in the premises.
- (10) The project proponent shall properly handle and manage the solid wastages as per the provisions of the Municipal Solid Waste Rules 2016 and ensure that the solid waste is segregated & disposed of in an environmentally sound manner.
- (11) PP shall carry out awareness and activities for the themes / action points identified under Mission LiFE (Lifestyle for the Environment) by Ministry of Environment, Forests and Climate Change given at the website (<http://missionlife-moefcc.nic.in>).



*Kamaljit Singh*

11/08/2023

**(Kamaljit Singh)**  
**Environmental Engineer**

For & on behalf

of

**(Punjab Pollution Control Board)**



# CHANDIGARH POLLUTION TESTING LABORATORY

(Environmental Monitoring, EIA, NOC, ETP, STP)

H.O. : #372, Sector 15-A, Chandigarh-160 015  
Phone : 0172-4669295  
Lab : E-126, Phase-VII, Indl. Area, Mohali - 160055  
Phone : 0172-5090312  
E-mail : cptle126@gmail.com ; lab@cptl.co.in  
Website : www.cptl.co.in



## TEST CERTIFICATE

Format No. CPTLF7.8-1(S.A)

REPORT No. CPTL/2025/09/26(A)  
REPORTING DATE: 29-09-2025

NAME OF INDUSTRY: M/s. RANA SUGAR LIMITED (DISTILLERY DIVISION)  
VILLAGE-LAUKHA, TEH.-PATTI,  
DISTT. - TARN TARAN, PUNJAB.

### SAMPLE PARTICULARS

Sampling Plan Ref No.:	CPTLF 7.3-1	Type of Sample:	Stack Air Emission
Sampling Method:	CPTL/SM/01	Point of Sample:	From Port Hole On Stack
Date of Sample Collection:	23-09-2025	Environmental Conditions:	Normal
Date of Sample Received in Lab.:	25-09-2025	Analysis Duration:	25-09-2025 to 29-09-2025
Sample Identification No.:	CPTL/2025/09/26(A)	Sample Collected By:	Daljeet Singh & Team
Nature of Sample:	Air Sample		

### TECHNICAL DATA

1.	Name of Plant/Section	DG Set-1 (500.0 KVA) (S No. 25305849)
2.	Source of Emission	Burning of Fuel
3.	*Type Of Fuel/Quantity	Diesel @ 15-20 Ltr/Hr
4.	Location of Sampling Point	As per Standard
5.	*Diameter of Stack	6.0" (Top) ; 6.0" (Bottom)
6.	*Height of Stack	3.5 meter from canopy
7.	Sampling Time	35.0 minutes
8.	Ambient Air Temperature	35.9°C
9.	Stack Air Temperature	178°C
10.	Velocity of Flue Gases	18.8 m/sec
11.	*APCD	NA

PARAMETERS	RESULTS	PRESCRIBED STANDARD	TEST METHOD
Particulate Matter (PM), mg/Nm <sup>3</sup>	31.6	75	IS:11255: (P-1): 1985
Nitrogen Dioxide (NO <sub>2</sub> ), mg/Nm <sup>3</sup>	316	1458	IS:11255: (P-7): 1988
Carbon Monoxide (CO), mg/Nm <sup>3</sup>	41.2	150	IS:13720: 1992

NA-Not Applicable

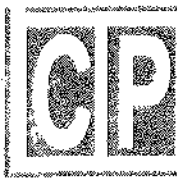
\*represent the information provided by the customer

Chemist In-Charge  
Date: 29/09/2025

Mr. Sital Singh (CEO)  
(Authorized Signatory)  
Date: 29/09/2025

- The results are related to test items only.
- This certificate is not to be reproduced wholly or in part and cannot be used as evidence in the court of law without approval of laboratory.
- Sample will be destroyed after retention time unless otherwise specified

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



# CHANDIGARH POLLUTION TESTING LABORATORY

(Environmental Monitoring, EIA, NOC, ETP, STP)

H.O. : #372, Sector 15-A, Chandigarh-160 015

Phone : 0172-4669295

Lab : E-126, Phase-VII, Indl. Area, Mohali - 160055

Phone : 0172-5090312

E-mail : cptle126@gmail.com ; lab@cptl.co.in

Website : www.cptl.co.in



TC-6728

## TEST CERTIFICATE

Format No. CPTLF7.8-I(S.A)

REPORT No. CPTL/2025/09/28(A)

REPORTING DATE: 29-09-2025

**NAME OF INDUSTRY:** M/s. RANA SUGAR LIMITED (DISTILLERY DIVISION)  
VILLAGE-LAUKHA, TEH.-PATTI,  
DISTT. - TARN TARAN, PUNJAB.

### SAMPLE PARTICULARS

Sampling Plan Ref No.:	CPTLF 7.3-I	Type of Sample:	Stack Air Emission
Sampling Method:	CPTL/SM/01	Point of Sample:	From Port Hole On Stack
Date of Sample Collection:	23-09-2025	Environmental Conditions:	Normal
Date of Sample Received in Lab.:	25-09-2025	Analysis Duration:	25-09-2025 to 29-09-2025
Sample Identification No.:	CPTL/2025/09/28(A)	Sample Collected By:	Daljeet Singh & Team
Nature of Sample:	Air Sample		

### TECHNICAL DATA

1.	Name of Plant/Section	DG Set-II (500.0 KVA) (S No. 25307651)
2.	Source of Emission	Burning of Fuel
3.	*Type Of Fuel/Quantity	Diesel @ 15-20 Ltr/Hr
4.	Location of Sampling Point	As per Standard
5.	*Diameter of Stack	6.0" (Top) ; 6.0" (Bottom)
6.	*Height of Stack	3.5 meter from canopy
7.	Sampling Time	35.0 minutes
8.	Ambient Air Temperature	35.4°C
9.	Stack Air Temperature	168°C
10.	Velocity of Flue Gases	18.2 m/sec
11.	*APCD	NA

PARAMETERS	RESULTS	PRESCRIBED STANDARD	TEST METHOD
Particulate Matter (PM), mg/Nm <sup>3</sup>	31.2	75	IS:11255: (P-1): 1985
Nitrogen Dioxide (NO <sub>2</sub> ), mg/Nm <sup>3</sup>	322	1458	IS:11255: (P-7): 1988
Carbon Monoxide (CO), mg/Nm <sup>3</sup>	41.3	150	IS:13720: 1992

NA-Not Applicable

\*represent the information provided by the customer

Chemist In-Charge  
Date: 29/9/2025

Mr. Sital Singh (CEO)  
(Authorized Signatory)  
Date: 29/09/2025

- The results are related to test items only.
- This certificate is not to be reproduced wholly or in part and cannot be used as evidence in the court of law without approval of laboratory.
- Sample will be destroyed after retention time unless otherwise specified



# CHANDIGARH POLLUTION TESTING LABORATORY

(Environmental Monitoring, EIA, NOC, ETP, STP)

H.O. : #372, Sector 15-A, Chandigarh-160 015  
 Phone : 0172-4669295  
 Lab : E-126, Phase-VII, Indl. Area, Mohali - 160055  
 Phone : 0172-5090312  
 E-mail : cptle126@gmail.com ; lab@cptl.co.in  
 Website : www.cptl.co.in



Format No. CPTLF7.8-1(N)

## TEST CERTIFICATE

REPORT No. CPTL/2025/09/13(N)  
 REPORTING DATE: 29-09-2025

<b>NAME OF INDUSTRY:</b>	<b>M/s. RANA SUGAR LIMITED (DISTILLERY DIVISION) VILLAGE-LAUKHA, TEH.-PATTI, DISTT. - TARN TARAN, PUNJAB.</b>
--------------------------	---

### SAMPLE PARTICULARS

<b>Sampling Plan Ref No.:</b>	CPTLF 7.3-I	<b>Type of Sample:</b>	DG Set Noise
<b>Sampling Method:</b>	CPTL/SM/01	<b>Point of Sample:</b>	1.0 meter from Canopy
<b>Date of Monitoring.:</b>	23-09-2025	<b>Environmental Conditions:</b>	Normal
<b>Sample Identification No.:</b>	CPTL/2025/09/13(N)	<b>Sample Collected By:</b>	Daljeet Singh & Team
<b>Nature of Sample:</b>	Noise Level Monitoring		

### TECHNICAL DATA

1.	Source of Noise Pollution	DG Set-I
2.	*Make of D.G. Set	Cummins
3.	*Capacity of D.G. Set	500.0 KVA
4.	*S. No. of D. G. Set	25305849
5.	*Date of Manufacturing of D.G. Set	08-2005

<u>PARAMETERS</u>	<u>RESULTS</u> dB(A)	<u>PRESCRIBED</u> <u>STANDARD dB (A)</u>	<u>TEST METHOD</u>
DG Set On (At 1.0 meter from enclosure surface)	69.9	Max. 75	IS 9989:1981

\* represent the information provided by the customer.

*Rana*  
**Chemist In-Charge**

Date: 29/9/2025

*Singh*  
**Mr. Sital Singh (CEO)**  
 (Authorized Signatory)  
 Date: 29/09/2025

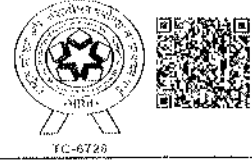
- The results are related to test items only.
- This certificate is not to be reproduced wholly or in part and cannot be used as evidence in the court of law without approval of laboratory.
- Sample will be destroyed after retention time unless otherwise specified.



# CHANDIGARH POLLUTION TESTING LABORATORY

(Environmental Monitoring, EIA, NOC, ETP, STP)

H.O. : #372, Sector 15-A, Chandigarh-160 015  
 Phone : 0172-4669295  
 Lab : E-126, Phase-VII, Indl. Area, Mohali - 160055  
 Phone : 0172-5090312  
 E-mail : cptle126@gmail.com ; lab@cptl.co.in  
 Website : www.cptl.co.in



Format No. CPTLF7.3-1(N)

## TEST CERTIFICATE

REPORT No. CPTL/2025/09/14(N)  
 REPORTING DATE: 29-09-2025

<b>NAME OF INDUSTRY:</b>	<b>M/s. RANA SUGAR LIMITED (DISTILLERY DIVISION) VILLAGE-LAUKHA, TEH.-PATTI, DISTT. - TARN TARAN, PUNJAB.</b>
--------------------------	---

### SAMPLE PARTICULARS

<b>Sampling Plan Ref No.:</b>	CPTLF 7.3-1	<b>Type of Sample:</b>	DG Set Noise
<b>Sampling Method:</b>	CPTL/SM/01	<b>Point of Sample:</b>	1.0 meter from Canopy
<b>Date of Monitoring.:</b>	23-09-2025	<b>Environmental Conditions:</b>	Normal
<b>Sample Identification No.:</b>	CPTL/2025/09/14(N)	<b>Sample Collected By:</b>	Daljeet Singh & Team
<b>Nature of Sample:</b>	Noise Level Monitoring		

### TECHNICAL DATA

1.	Source of Noise Pollution	DG Set-II
2.	*Make of D.G. Set	Cummins
3.	*Capacity of D.G. Set	500.0 KVA
4.	*S. No. of D. G. Set	25307651
5.	*Date of Manufacturing of D.G. Set	10-2005

<u>PARAMETERS</u>	<u>RESULTS</u> dB(A)	<u>PRESCRIBED</u> <u>STANDARD dB (A)</u>	<u>TEST METHOD</u>
DG Set On (At 1.0 meter from enclosure surface)	71.2	Max. 75	IS 9989:1981

\* represent the information provided by the customer.

*[Signature]*  
 Chemist In-Charge  
 Date: 29/09/2025

*[Signature]*  
 Mr. Sital Singh (CEO)  
 (Authorized Signatory)  
 Date: 29/09/2025

- The results are related to test items only.
- This certificate is not to be reproduced wholly or in part and cannot be used as evidence in the court of law without approval of laboratory.
- Sample will be destroyed after retention time unless otherwise specified.



**Punjab Fire Services**  
( TARNTARAN MUNICIPAL COUNCIL )  
**FIRE SAFETY CERTIFICATE**  
**ਫਾਇਰ ਸੇਫਟੀ ਪਮਾਣ ਪੱਤਰ**



NOC No:1014-56587-Fire/40388

NOC Type:RENEWAL

Dated: 18/7/2024

Certified that the **RANA SUGARS LIMITED DISTILLERY DIVISON** at **VPO LOUKHA TEHSIL PATTI DISTRICT TARN TARAN , LOUKHA, Patti, Tarntaran**, comprised of **0** basements and **1** (Upper floor) owned/occupied by **Rana Veer Partap Singh** have compiled with the fire prevention and fire safety requirements of National Building Code and verified by the officer concerned of fire service on **18/7/2024** in the presence of **Rana Veer Partap Singh** (Name of the owner or his representative) and that the building/ premises is fit for occupancy **Zone 6** subdivision (3) (As per NBC) for period of **one year** from issue date. Subject to the following conditions.

Issued on two **18/7/2024** at **TARNTARAN MUNICIPAL COUNCIL**

ਤਸਦੀਕ ਕੀਤਾ ਜਾਂਦਾ ਹੈ ਕਿ **RANA SUGARS LIMITED DISTILLERY DIVISON, VPO LOUKHA TEHSIL PATTI DISTRICT TARN TARAN , LOUKHA, Patti, Tarntaran**, ਸਮੇਤ **0** ਬੇਸਮਟ ਅਤੇ **1** (ਉਪਰਲੀ ਮੰਜ਼ਿਲ) ਮਲਕੀਅਤ/ ਕਬਜ਼ਾਦਾਰ **RANA SUGARS LIMITED DISTILLERY DIVISON** ਰਾਸ਼ਟਰੀ ਬਿਲਡਿੰਗ ਕੋਡ ਅਨੁਸਾਰ ਅੱਗ ਬੁਝਾਉਣ ਦੇ ਪ੍ਰਭਾਵ ਅਤੇ ਬਚਾਅ ਦੀਆਂ ਲੋੜਾਂ ਨੂੰ ਪੂਰਾ ਕਰਦੀ ਹੈ ਜਿਸ ਨੂੰ ਸਬੰਧਤ ਫਾਇਰ ਅਧਿਕਾਰੀ ਵੱਲੋਂ **Rana Veer Partap Singh** (ਮਾਲਕ ਜਾਂ ਉਸ ਦੇ ਪ੍ਰਤਿਨਿਧੀ ਦਾ ਨਾਮ) ਦੀ ਮੌਜੂਦਗੀ ਵਿੱਚ **18/7/2024** ਨੂੰ ਪ੍ਰਮਾਣਿਤ ਕੀਤਾ ਗਿਆ ਅਤੇ ਇਮਾਰਤ / ਬਿਲਡਿੰਗ **Zone 6** subdivision (3) (ਐਨ. ਬੀ. ਸੀ. ਦੇ ਅਨੁਸਾਰ) ਦੀ ਆਬਾਦੀ ਲਈ Issue date ਤੋਂ ਇੱਕ ਸਾਲ ਤੱਕ ਯੋਗ ਹੈ ਜਿਸ ਲਈ ਨਿਮਨ ਅਨੁਸਾਰ ਹਦਾਇਤਾਂ ਹਨ।

**TARNTARAN MUNICIPAL COUNCIL** ਵਿਖੇ ਜਾਰੀ ਕਰਨ ਦੀ ਮਿਤੀ **18/7/2024**.

1. Fire Safety arrangements shall be kept in working condition at all times

ਹਰ ਸਮੇਂ ਅੱਗ ਬਚਾਅ ਦੇ ਯੰਤਰਾਂ ਨੂੰ ਚਾਲੂ / ਚੰਗੀ ਹਾਲਤ ਵਿੱਚ ਰੱਖਿਆ ਜਾਵੇ।

2. No, alteration/ addition/ change in use of occupancy is allowed.

ਕਿਸੇ ਵੀ ਤਰਾਂ ਦੇ ਬਦਲਾਅ/ ਵਾਧੇ/ ਕਬਜ਼ਾਦਾਰ ਵਿੱਚ ਬਦਲਾਵ ਦੀ ਮਨਾਹੀ ਹੈ।

3. Occupants/ owner should have trained staff to operate the operaon of fire safety system provided there in.

ਉਪਲੱਬਧ ਅੱਗ ਬੁਝਾਉਣ ਦੇ ਯੰਤਰ ਦੀ ਵਰਤੋਂ ਲਈ ਰਿਹਣ ਵਾਲੇ ਲੋਕਾਂ / ਮਾਲਕ ਨੂੰ ਜਾਣੂ ਕਰਵਾਇਆ ਜਾਣਾ ਯਕੀਨੀ ਬਣਾਇਆ ਜਾਵੇ।

4. Fire Officer can check the arrangements of fire safety at any time, this cerficate will be withdrawn without any notice if any deficiency is found.

ਫਾਇਰ ਬ੍ਰਿਗੇਡ ਅਧਿਕਾਰੀ ਕਿਸੇ ਵੀ ਵਕਤ ਇਨ੍ਹਾਂ ਸਾਰੇ ਪ੍ਰਬੰਧਾਂ ਨੂੰ ਚੈਕ ਕਰ ਸਕਦਾ ਹੈ, ਜੇਕਰ ਕੋਈ ਕਮੀ ਪਾਈ ਗਈ ਤਾਂ ਬਿਨਾਂ ਕਿਸੇ ਨੋਟਿਸ ਦੇ ਇਹ ਸਰਟੀਫਿਕੇਟ ਰੱਦ ਸਮਝਿਆ ਜਾਵੇਗਾ।

5.Occupants/ owner should apply for renewal of fire safety cerficate one month prior to expiry of this cerficate.

ਮਾਲਕ ਜਾਰੀ ਕੀਤੇ ਗਏ ਫਾਇਰ ਸੇਫਟੀ ਸਰਟੀਫਿਕੇਟ ਦੀ ਮਿਤੀ ਖਤਮ ਹੋਣ ਤੋਂ ਇੱਕ ਮਹੀਨਾ ਪਹਿਲਾਂ ਰੀਨੀਊ ਕਰਵਾਉਣ ਲਈ ਪਾਬੰਦ ਹੋਵੇਗਾ।

\* Above Details cannot be used as ownership proof.

ਉਪਰੋਕਤ ਦਰਸਾਈ ਗਈ ਜਾਣਕਾਰੀ ਨੂੰ ਮਾਲਕਾਨਾ ਦੇ ਸਬੂਤ ਵਜੋਂ ਨਹੀਂ ਵਰਤਿਆ ਜਾਵੇਗਾ।

This is digitally created cerficate, no signatue are needed

ਇਹ ਡਿਜੀਟਲੀ (ਕੰਪਿਊਟਰਾਈਜ਼ਡ) ਤਿਆਰ ਕੀਤਾ ਗਿਆ ਸਰਟੀਫਿਕੇਟ ਹੈ, ਜਿਸ ਵਿੱਚ ਦਸਤਖਤ ਦੀ ਕੋਈ ਲੋੜ ਨਹੀਂ ਹੈ।



Pin:230547009

Valid Till:- 11-Aug-2026 ( 1)year

ApplicationId:2507879013

**Certificate No--PBIP-(FIRE) 2025/178**

Dated 12-Aug-2025

Certified that the building on the name of RANA SUGARS LIMITED DISTILLERY DIVISON, is situated at VPO LOUKHA TEHSIL PATTI DISTRICT TARN TARAN , LOUKHA owned by Rana Veer Partap Singh is comprised of Total Covered area 139210 sq mtr and Height of the Building is- 19 meters including, Total Nos. of Floors: 0 and Total Nos. of Basements: 0

This building is inspected by officer of Punjab Fire and Emergency Service and found compiled with the firefighting system requirements of National Building Code, 2005 / 2016, Part-4. The site inspection was carried out in the presence of Rana Veer Partap Singh . This building / site is fit for occupancy Group INDUSTRIAL-(G) (this occupancy group is as per National Building Code,2016 Part-4). This certificate is issued with the following conditions and this certificate is valid for 1 year.

Issued on 12-Aug-2025 at -Tarntaran

**General Conditions:**

1. Owner/Occupier is responsible to maintain the Fire Fighting System and Life Safety Systems in the working condition 24X7 at all the times.
2. No Alteration / addition / Change in Covered Area, Height of Building & Type of Occupancy is allowed..
3. Owner/Occupier shall ensure the periodic Fire Safety Training on Fire Prevention & Operationing of Fire Fighting Systems to among all the occupants and maintain records of the same. Owner/Occupier shall also ensure to organise Mock Drill Biannually and maintain the records of the same
4. Officer of Punjab Fire and Emergency Service is authorised to inspect your building as per the procedure defined in the Punjab Fire and Emergency Service Act, 2024 and in case of any deficiency or irregularity is found in the Fire Fighting System & Life Safety Systems, the officer of Punjab Fire and Emergency Service may initiate the appropriate action as deemed fit under the provisions of the Punjab Fire and Emergency Service Act,2024, which may lead to imposing penalty or cancellation of Fire Safety Certificate etc.
5. Owner/Occupier shall apply for the renewal of fire safety certificate at least one month prior to expiry of this certificate.
6. In view of any Special Risks is Involved or life safety of the occupants, the approving Authority of this Fire Safety Certificate can issue Special Conditions separately through an official letter in continuation of this certificate.

\* Above Details cannot be used as ownership proof.

\* This is digitaly created cerificate, no signature is needed.

Sl. No	ID	Employee Name	F/H Name	Designation	Date of Birth	B.P.	Pulse	Temp.	Aneemia	Jaundice	P/A	CVS/Resp
1	7001	Ashwani Kumar	Sh. Kashmir Singh	Driver	1986-02-03	140/90	98/-	98.4°F	No	No	-	-
2	113	Ram Singh Maan	Bhagat Ram Maan	Senior General Manager	1969-06-23	120/80	78/-	99.2°F	No	No	-	-
3	1	Santosh Kumar Jha	Upender Jha	Deputy General Manager	1975-02-04	116/70	78/-	98.6°F	No	No	-	-
4	109	Gurjinder Singh Sandhu	Gurbachan Singh	Officer	1979-04-25	160/100	84/-	98.8°F	No	No	-	-
5	40	Gursewak Singh	Baldev Singh	Assistant General Manager	1983-03-10	120/70	82/-	98.6°F	No	No	-	-
6	35	Amarjit Singh	Yashpal Singh	Assistant Manager	1978-01-18	130/80	84/-	98.8°F	No	No	-	-
7	9	Bhushan Verma	Charan Dass	Assistant General Manager	1971-07-27	140/90	86/-	98.8°F	No	No	-	-
8	209	Gurbir Singh	L.Sh.Sukhwinder Singh	Assistant Manager	1986-03-18	120/70	88/-	98.8°F	No	No	-	-
9	229	Jasbir Singh	Karam Singh	Helper	1974-01-01	110/60	84/-	98.8°F	No	No	-	-
10	231	Rajinder Singh	Mohinder Singh	Assistant Record Keeper	1982-04-13	140/90	88/-	98.2°F	No	No	-	-
11	233	Sant	Daljeet Kumar	Cook	1976-01-01	140/90	86/-	98.6°F	No	No	-	-
12	234	Gobind Bahadur	Dal Bahadur	Cook	1980-07-29	100/60	70/-	98.6°F	No	No	-	-
13	237	Satpal Singh	Sulakhan Singh	Guard	1967-05-12	110/60	72/-	98.6°F	No	No	-	-
14	281	Sukhbrinder Singh	Surinder Pal Singh	Clerk	1990-03-26	120/70	76/-	98.6°F	No	No	-	-
15	300	Satpal Singh	Sukhdev Singh	Executive	1983-05-02	120/80	74/-	98.6°F	No	No	-	-
16	302	Amandeep Singh	Santokh Singh	Deputy Manager	1983-09-29	116/70	90/-	98.6°F	No	No	-	-
17	335	Davinder Singh	Ram Singh	Assistant	1990-12-10	120/80	84/-	98.6°F	No	No	-	-
18	332	Shamsher Singh	Ajmer Singh	Assistant	1994-04-12	110/60	88/-	98.8°F	No	No	-	-
19	377	Kamal Kumar	Kewal Singh	Officer	1989-07-29	130/90	80/-	98.6°F	No	No	-	-
20	393	Arvinder Singh	Sukhwinder Singh	Senior Clerk	1984-09-10	130/80	82/-	98.6°F	No	No	-	-
21	411	Gorakh Nath	Sh.Vibhuti Prasad	Gardener	1963-02-03	120/70	84/-	98.8°F	No	No	-	-
22	414	Sawinder Singh	Naranjan Singh	Inspector	1963-04-01	140/90	70/-	98.6°F	No	No	-	-
23	416	Mahinder Singh	Nand Singh	Driver	1960-01-01	140/90	88/-	98.6°F	No	No	-	-
24	432	Budh Singh	Gurmej Singh	Helper	1974-05-01	130/80	90/-	98.6°F	No	No	-	-
25	433	Bhagwan Singh	Amrik Singh	Helper	1981-03-16	110/70	80/-	98.8°F	No	No	-	-
26	444	Parbhjot Singh	Surinder Singh	Peon	1985-04-16	110/60	96/-	98.7°F	No	No	-	-
27	449	Jatinder Singh	Bhupinder Singh	Attendant	1983-08-04	120/80	80/-	98.8°F	No	No	-	-
28	450	Sharnjit Singh	Mukhtar Singh	Attendant	1984-02-29	120/70	84/-	98.8°F	No	No	-	-
29	456	Jaswinder Singh	Pritam Singh	Helper	1980-02-03	140/90	82/-	98.6°F	No	No	-	-
30	462	Shiv Kumar	Tarsem Lal	Driver	1992-10-25	140/90	68/-	98.8°F	No	No	-	-
31	474	Jagjit Singh	Makhan Singh	Guard	1969-07-23	120/70	64/-	98.4°F	No	No	-	-
32	479	Heera Singh	Amrik Singh	Guard	1986-01-01	120/70	67/-	98.2°F	No	No	-	-
33	488	Davinder Singh	Gian Singh	Guard	1969-03-31	120/80	98/-	98.4°F	No	No	-	-
34	517	Amandeep Kaur	Jhilmil Singh	Nurse	1991-08-26	110/70	82/-	98.8°F	No	No	-	-
35	539	Sukhjinder Singh Gill	Nachhattar Singh	Executive	1989-03-04	120/80	88/-	98.2°F	No	No	-	-
36	535	Manjinder Singh	Bhupinder Singh	Clerk	1980-01-29	140/90	86/-	98.4°F	No	No	-	-
37	566	Sarwan Singh	Hira Singh	Division Incharge	1978-03-08	140/90	84/-	98.6°F	No	No	-	-
38	565	Malkiyat Singh	Kabul Singh	Executive	1991-10-10	140/90	78/-	98.6°F	No	No	-	-



Sr. No	ID	Employee Name	F/H Name	Designation	Date of Birth	B.P.	Pulse	Temp.	Anemia	Jaundice	P/A	CVS/Resp
39	589	Ranjeet Singh	Gurdev Singh	Officer	1986-12-31	140/90	84	98.4°F	No	No	-	-
40	594	Simarjit Singh	Tarsem Singh	Assistant	1998-02-15	120/90	78	98.6°F	No	No	-	-
41	606	Milkha Singh	Charan Singh	Supervisor	1965-01-01	110/70	76	98.7°F	No	No	-	-
42	676	Jaswinder Singh	Kulwant Singh	Clerk	1984-08-25	100/60	90	98.8°F	No	No	-	-
43	670	Daya Shankar Yadav	S R YADAV	Additional Manager	1965-08-03	110/70	80	98.8°F	No	No	-	-
44	693	Balwinder Singh	Dara Singh	Helper	1965-09-20	120/90	98	98.7°F	No	No	-	-
45	702	Rahul Morya	Hari Lal	Assistant Accountant	2001-10-06	140/90	90	98.4°F	No	No	-	-
46	720	Amarjit Singh	Avtar Singh	Driver	1995-09-16	140/90	80	98.8°F	No	No	-	-
47	746	Amandeep Singh	Balbir Singh	Executive	1979-08-05	130/80	70	98.6°F	No	No	-	-
48	756	Gurbhej Singh	Kashmir Singh	Manager	1975-04-22	140/80	72	98.8°F	No	No	-	-
49	757	Sahibjeet Singh	Kirpal Singh	Officer	1983-04-08	130/80	82	98.8°F	No	No	-	-
50	115	Pankaj Kumar Tyagi	Mahindra Singh	Assistant General Manager	1978-05-03	120/70	84	98.8°F	No	No	-	-
51	98	Naveen Kumar Sharma	R.D.Sharma	Supervisor	1970-12-21	110/70	86	98.8°F	No	No	-	-
52	117	Pardeep Rehan	Satpal Rehan	Assistant General Manager	1977-05-01	110/70	88	98.8°F	No	No	-	-
53	116	Sandeep Kumar	Tej Pal Singh	Assistant Manager	1969-06-10	120/80	84	98.7°F	No	No	-	-
54	101	Mukhwinder Singh	Gurdial Singh	Senior Supervisor	1979-09-25	150/100	84	98.8°F	No	No	-	-
55	128	Ramesh Kumar Saini	Jagat Ram	Operator	1967-08-25	140/90	86	98.6°F	No	No	-	-
56	163	Harjinder Singh	Mehenga Singh	Chemist	1980-07-27	130/70	88	98.8°F	No	No	-	-
57	251	Pardeep Singh	Ajit Singh	Operator	1971-05-05	110/60	82	98.6°F	No	No	-	-
58	276	Hardeep Singh	Puran Singh	Operator	1983-06-23	130/70	84	98.8°F	No	No	-	-
59	278	Gurmeet Singh	Balkar Singh	Supervisor	1969-09-04	120/80	84	98.6°F	No	No	-	-
60	290	Gavendra Singh	Harpal Singh	Operator	1987-07-19	110/70	88	98.8°F	No	No	-	-
61	318	Dharamvir Singh	Mej Pal Singh	Additional Manager	1987-08-03	140/90	80	98.6°F	No	No	-	-
62	338	Gurjeet Singh	Sh.Baldev Singh	Assistant Officer	1987-12-26	140/90	84	98.6°F	No	No	-	-
63	337	Lakhwinder Singh	Diwan Singh	Yeast Man	1978-04-29	120/70	70	98.9°F	No	No	-	-
64	331	Sukhchain Singh	Gurmeet Singh	Yeast Man	1987-12-12	110/60	88	98.6°F	No	No	-	-
65	326	Deepak Kumar	Varinder Kumar	Operator	1984-10-19	110/70	84	98.2°F	No	No	-	-
66	406	Guljar Singh	Sh.Ajit Singh	Clerk	1982-11-05	110/70	70	98.8°F	No	No	-	-
67	439	Amrik Singh	Khusia Singh	Assistant Operator	1960-07-08	120/70	82	98.6°F	No	No	-	-
68	425	Harpreet Singh	Avtar Singh	Assistant Operator	1986-04-13	110/70	80	98.9°F	No	No	-	-
69	426	Gurbhej Singh	Gurdev Singh	Assistant Operator	1977-05-24	140/90	82	98.6°F	No	No	-	-
70	429	Ajit Singh	Mukhtar Singh	Helper	1984-03-02	150/100	84	98.8°F	No	No	-	-
71	437	Baldev Singh	Balbeer Singh	Helper	1981-01-01	110/70	86	98.7°F	No	No	-	-
72	440	Hira Singh	Desa Singh	Helper	1983-09-30	140/90	88	98.6°F	No	No	-	-
73	455	Kawaljeet Singh	Amrik Singh	Attendant	1996-03-22	140/90	84	98.8°F	No	No	-	-
74	458	Kulbir Singh	Shangar Singh	Helper	1993-01-01	130/90	86	98.8	No	No	-	-
75	465	Lakhwinder Singh	Jagtar Singh	Attendant	1995-07-20	110/70	84	98.6°F	No	No	-	-
76	466	Baljit Singh	Kashmir Singh	Helper	1992-04-12	120/70	80	98.7°F	No	No	-	-



Medical Report of Rana Sars Ltd Distillery Division Louhka Tarn Taran F. Job as on... 20-3-2025

No	ID	Employee Name	F/H Name	Designation	Date of Birth	B.P.	Pulse	Temp.	Aneemia	Jaundice	P/A	CVS/Resp
77	559	Chran Jeet	Kalicharan Singh	Division Incharge	1987-01-16	140/90	84/-	98.4 F	NO	NO	-	-
78	590	Sagar	Mahinder Singh	Operator	1999-09-09	120/70	78/-	97.6 F	NO	NO	-	-
79	614	Sagar	Ramveer Singh	Operator	1999-08-25	110/60	84/-	98. F	NO	NO	-	-
80	448	Gurlal Singh	Sakattar Singh	Attendant	1995-01-05	110/70	70/-	98.6 F	NO	NO	-	-
81	665	Tejash Kumar	Anil Kumar	Operator	1999-12-03	140/90	84/-	98.7 F	NO	NO	-	-
82	701	Gursahib Singh	Palwinder Singh	Assistant	1993-03-20	140/80	82/-	97.4 F	NO	NO	-	-
83	704	Ramagya Singh	Bhukkhal Singh	Operator	1982-02-13	110/70	80/-	96. F	NO	NO	-	-
84	717	Gurpinder Singh	Swaran Singh	Operator	1994-01-01	110/60	70/-	98.9 F	NO	NO	-	-
85	734	Monu Kumar	Chandrapal	Chemist	1998-02-12	150/100	90/-	98.4 F	NO	NO	-	-
86	79	Harjit Singh	Avtar Singh	Engineer	1972-03-27	140/90	82/-	98.8 F	NO	NO	-	-
87	57	Munna Yadav	Gupteshwar Yadav	Senior Electrician	1966-03-15	130/90	92/-	98.4 F	NO	NO	-	-
88	58	Harjit Singh	Mukhtiar Singh	Assistant Foreman	1973-12-15	120/80	90/-	98.4 F	NO	NO	-	-
89	59	Balbir Singh	Ram Assra	Senior Electrician	1970-04-01	110/70	80/-	98.6 F	NO	NO	-	-
90	52	Ramesh Kumar	Dharam Singh	Boiler Attendant 1St Class	1967-04-08	110/60	78/-	98.8 F	NO	NO	-	-
91	53	Nagendra Kumar Bharti	Sahaja Nand	Boiler Attendant 1St Class	1969-01-17	120/70	76/-	98.7 F	NO	NO	-	-
92	89	Parmjit Singh	Amrik Singh	Fitter	1977-04-24	140/90	88/-	98.7 F	NO	NO	-	-
93	61	Harbhajan Singh	Jagtar Singh	Electrician	1969-07-03	120/70	66/-	98.5 F	NO	NO	-	-
94	154	Manoj Kumar Sinha	Sh.S.N.Prasad	Operator	1979-01-01	120/70	64/-	98. F	NO	NO	-	-
95	157	Gurdeep Singh	Sh.Mukhtiar Singh	Foreman	1967-08-15	110/70	66/-	98.7 F	NO	NO	-	-
96	161	Satwant Singh	Narvail Singh	Operator	1986-03-25	120/80	88/-	98.6 F	NO	NO	-	-
97	170	Harjeet Singh	Sh.Jagir Singh	Fitter	1972-04-26	140/90	68/-	98.4 F	NO	NO	-	-
98	187	Shashi Kant Tara	Sh.Surinder Pal Tara	Boiler Attendant 1St Class	1975-09-04	110/60	70/-	98.4 F	NO	NO	-	-
99	201	Gurcharan Dass	Sh.Ramesh Kumar	Technician	1982-04-10	120/70	72/-	98.8 F	NO	NO	-	-
100	200	Kulwinder Singh	S.Diwan Singh	Foreman	1980-04-22	140/80	74/-	98.7 F	NO	NO	-	-
101	218	Mohan Singh	Sh.Inder Singh	Turner	1958-04-20	140/80	78/-	98.4 F	NO	NO	-	-
102	247	Sahib Singh	Sh.Balbir Singh	Engineer	1978-05-15	130/80	78/-	98.7 F	NO	NO	-	-
103	287	Balwinder Singh	Gurdarshan Singh	Technician	1982-09-25	110/70	80/-	98.7 F	NO	NO	-	-
104	291	Gurinder Singh	Gurdev Singh	Fitter	1989-10-12	120/80	82/-	98.6 F	NO	NO	-	-
105	298	Bal Krishan	Dharam Chand	Operator	1997-01-01	140/90	84/-	98. F	NO	NO	-	-
106	303	Sucha Singh	Gurbachan Singh	Fitter	1990-07-30	130/70	86/-	98.6 F	NO	NO	-	-
107	316	Munna Prasad	Brijbihari Prasad	Welder	1981-01-01	140/80	90/-	98.8 F	NO	NO	-	-
108	319	Tehai Singh	Harvansh Singh	Senior Electrician	1967-03-01	120/70	80/-	98.7 F	NO	NO	-	-
109	330	Gurwaryam Singh	Amrik Singh	Senior Fitter	1980-01-01	120/70	82/-	98.8 F	NO	NO	-	-
110	327	Rajeet Kumar	Sansar Chand	Manager	1994-07-09	110/60	84/-	98.4 F	NO	NO	-	-
111	341	Ramandeep	Sh.Ajit Kumar	Assistant Manager	1986-08-19	150/100	88/-	98.6 F	NO	NO	-	-
112	342	Karan Kumar	Sh.Kimti Lal Sharma	Operator	1990-12-31	110/70	90/-	98.7 F	NO	NO	-	-
113	350	Ashwani Kumar	Sh.Jay Naryan	Assistant Manager	1973-06-30	120/80	92/-	98.8 F	NO	NO	-	-
114	360	Sandeep Kumar	Sh.Sukhdev Singh	Boiler Attendant 2Nd Class	1990-10-14	140/90	90/-	98.8 F	NO	NO	-	-



Medical Report of Rana Subbars Ltd Distillery Division Louhka Tarn Taran F Job as on... 20-3-2025

Sr. No	ID	Employee Name	F/H Name	Designation	Date of Birth	B.P.	Pulse	Temp.	Aneemia	Jaundice	P/A	CVS/Resp
115	383	Amit Singh	Shiv Nath Singh	Boiler Attendant 2Nd Class	1998-12-01	140/90	86	98.4°F	NO	NO	-	-
116	388	Resham Singh	Sham Singh	Boiler Attendant 2Nd Class	1986-02-01	120/70	88	98.6°F	NO	NO	-	-
117	407	Balwinder Kumar	Sh.Om Prakash	Fitter	1981-01-01	110/70	78	98.6°F	NO	NO	-	-
118	408	Ram Adhar Maurya	Sh.Gulab	Operator	1986-07-10	140/90	88	98.6°F	NO	NO	-	-
119	415	Gurpreet Singh	Balkar Singh	Operator	1988-11-20	110/80	84	98.4°F	NO	NO	-	-
120	417	Kulwant Singh	Sajjan Singh	Khalasi	1961-01-01	110/60	86	98.6°F	NO	NO	-	-
121	428	Sab Singh	Balvir Singh	Assistant Fitter	1981-01-01	120/70	84	98.4°F	NO	NO	-	-
122	431	Gurlal Singh	Malook Singh	Helper	1979-01-01	140/90	88	98.4°F	NO	NO	-	-
123	427	Sukhbir Singh	Karam Singh	Fitter	1980-01-01	140/80	84	98.4°F	NO	NO	-	-
124	434	Balwinder Singh	Didar Singh	Helper	1973-01-01	110/70	82	98.6°F	NO	NO	-	-
125	436	Resham Singh	Maluk Singh	Helper	1974-11-10	120/80	80	98.4°F	NO	NO	-	-
126	438	Kuldeep Singh	Darshan Singh	Helper	1976-01-01	140/90	84	98.4°F	NO	NO	-	-
127	454	Jaswant Singh	Joginder Singh	Helper	1969-01-01	120/80	82	98.4°F	NO	NO	-	-
128	461	Gurpreet Singh	Darbara Singh	Helper	1987-01-01	110/70	80	98.4°F	NO	NO	-	-
129	469	Sukhdev Singh	Kashmir Singh	Helper	1991-12-15	130/90	82	98.6°F	NO	NO	-	-
130	467	Jatinder Singh	Gurmell Singh	Assistant Fitter	1993-01-01	140/90	90	98.6°F	NO	NO	-	-
131	468	Sukhchain Singh	Gurmukh Singh	Assistant Fitter	1992-04-07	110/70	92	98.4°F	NO	NO	-	-
132	470	Jasbir Singh	Mukhtar Singh	Helper	1989-02-15	120/80	94	98.4°F	NO	NO	-	-
133	472	Sahib Singh	Vassam Singh	Driver	1985-04-03	140/90	90	98.4°F	NO	NO	-	-
134	477	Satnam Singh	Darbara Singh	Helper	1977-04-07	110/70	80	98.4°F	NO	NO	-	-
135	494	Sachin	Dharamvir	Boiler Attendant 2Nd Class	1996-07-09	150/100	70	98.4°F	NO	NO	-	-
136	518	Karamjit Singh	Balwinder Singh	Electrician	1998-05-02	100/70	72	98.6°F	NO	NO	-	-
137	520	Lalit Kumar	Jai Prakash	Operator	1994-08-15	140/90	74	98.8°F	NO	NO	-	-
138	529	Ravindra Kumar	Surendra Prakash	Electrician	1995-03-04	140/90	78	98.8°F	NO	NO	-	-
139	531	Jatinder Kumar	Om Parkash	Assistant Fitter	1982-04-30	130/90	78	98.6°F	NO	NO	-	-
140	542	Nirmal Singh	Manohar Singh	Operator	1982-12-27	140/80	78	98.4°F	NO	NO	-	-
141	551	Rahul Kumar	Rameshwar Dass	Boiler Attendant 1St Class	1996-07-23	110/70	76	98.4°F	NO	NO	-	-
142	561	Jaydeep	Yogendra Singh	Boiler Attendant 2Nd Class	1996-06-11	120/80	80	98.4°F	NO	NO	-	-
143	576	Ramesh Kumar	Joginder Pal	Fitter	1990-05-09	140/90	82	98.5°F	NO	NO	-	-
144	584	Harvinder Singh	Kulwant Singh	Assistant Technician	1996-09-15	130/90	84	98.8°F	NO	NO	-	-
145	586	Manjinder Singh	Dilbag Singh	Boiler Attendant 1St Class	1981-03-15	110/80	84	98.8°F	NO	NO	-	-
146	671	Harpreet Singh	Tarsem Singh	Fitter	1989-05-01	110/70	80	98.7°F	NO	NO	-	-
147	679	Sukhwinder Singh	Harjinder Singh	Assistant	1989-04-02	110/70	88	98.7°F	NO	NO	-	-
148	681	Jitendra Saini	Kallan Singh	Electrician	1991-02-08	140/90	64	98.8°F	NO	NO	-	-
149	682	Sumit Kumar Singh	Satyaveer Singh	Electrician	1996-05-04	110/70	70	98.6°F	NO	NO	-	-
150	678	Nitten Mukesh	Harmesh Chander	Manager	1983-11-19	100/60	84	98.4°F	NO	NO	-	-
151	692	Mohit Sahal	Tirlo Chand	Engineer	1991-05-25	140/90	80	98.4°F	NO	NO	-	-
152	708	Shani Pratap Singh	Surendra Pratap Singh	Operator	1994-05-20	150/110	84	98.6°F	NO	NO	-	-



Medical Report of Rana Sugars Ltd Distillery Division Louhka Tarn Taran P. J. as on 20-3-2021

No	ID	Employee Name	F/H Name	Designation	Date of Birth	B.P.	Pulse	Temp.	Aneemia	Jaundice	P/A	CVS/Resp
153	710	Rakesh Kumar	Amrat Singh	Operator	1978-07-01	140/90	84	98.4	NO	NO	-	-
154	711	Sanjay Prajapati	Ramkawal Prajapati	Operator	1990-02-13	110/70	85	98.6	NO	NO	-	-
155	712	Ajmer Singh	Joginder Singh	Operator	1984-06-02	120/80	78	98.7	NO	NO	-	-
156	715	Harjeet Kumar	Hari Chand	Operator	1993-03-13	100/60	82	98.8	NO	NO	-	-
157	732	Vipin Kumar	Janardan Paswan	Boiler Attendant 2Nd Class	1996-01-01	150/100	84	98.4	NO	NO	-	-
158	736	Amit Kumar	Mahak Singh	Fitter	1986-03-07	120/70	86	98.0	NO	NO	-	-
159	753	Nishu Rani	Gulzar Singh	Officer	1997-01-08	110/86	78	98.6	NO	NO	-	-
160	638	Gursimran Singh	Suba Singh	Driver	1992-07-25	120/70	88	98.4	NO	NO	-	-
161	623	Gurjant Singh	Baldev Singh	Supervisor	1999-11-01	140/90	84	98.8	NO	NO	-	-
162	622	Gurpreet Singh	Hira Singh	Supervisor	1988-05-25	120/70	90	98.8	NO	NO	-	-
163	629	Harbeer Singh	Tek Chand	Assistant Manager	1974-01-01	150/100	70	98.8	NO	NO	-	-
164	630	Gurmeet Singh	Gurdial Singh	Assistant Officer	1971-02-01	100/60	70	98.6	NO	NO	-	-
165	628	Gurjit Singh	Narinder Singh	Surveyor	1986-03-21	120/70	89	98.7	NO	NO	-	-
166	635	Abinashi Singh	Pargat Singh	Supervisor	1987-01-01	120/80	84	98.4	NO	NO	-	-
167	659	Joga Singh	Narain Singh	Officer	1960-01-15	110/70	86	98.2	NO	NO	-	-
168	643	Gurjant Singh	Sardul Singh	Supervisor	1993-06-22	110/70	70	98.8	NO	NO	-	-
169	645	Jarmanjeet Singh	Lakhwinder Singh	Supervisor	1998-09-17	120/70	78	98.6	NO	NO	-	-
170	649	Ranjeet Singh	Partap Singh	Clerk	1995-05-05	130/80	90	98.7	NO	NO	-	-
171	651	Parkash Singh	Sukhwinder Singh	Helper	2003-02-25	140/90	92	98.6	NO	NO	-	-
172	688	Jitendra Kumar Yadav	Dhruv Naryan Yadav	Officer	1976-03-15	110/70	94	98.8	NO	NO	-	-
173	689	Amrik Singh	Khajan Singh	Supervisor	1975-02-10	120/70	98	98.9	NO	NO	-	-
174	690	Gurjit Singh	Kashmir Singh	Supervisor	1986-07-21	140/90	72	98.6	NO	NO	-	-
175	721	Gurbaaz Singh	Lakhibir Singh	Supervisor	2004-07-19	110/70	78	98.7	NO	NO	-	-
176	740	Malkit Singh	Bahadar Singh	Supervisor	1991-12-21	140/80	78	98.8	NO	NO	-	-
177	741	Gurwinder Singh	Swaran Singh	Supervisor	1980-04-15	150/100	78	98.4	NO	NO	-	-
178	742	Somit Verma	Harish Verma	Officer	1996-07-21	100/60	88	98.6	NO	NO	-	-
179	745	Ravindra Kumar Sharma	Nayak Kumar Sharma	Officer	1992-02-20	140/90	86	98.7	NO	NO	-	-
180	747	Vikash Kumar Kushwaha	Shivji Kushwaha	Supervisor	1996-10-30	110/70	88	98.8	NO	NO	-	-
181	748	Gurbhej Singh	Gurmeet Singh	Supervisor	2005-09-23	120/80	88	98.6	NO	NO	-	-
182	751	Ravinder Singh	Joga Singh	Supervisor	1988-08-15	150/100	90	98.8	NO	NO	-	-
183	752	Dharminder Singh	Paramjit Singh	Supervisor	1990-03-04	100/60	92	98.7	NO	NO	-	-
184	0754	Parmveer Singh	Surinderpal Singh	Supervisor	2001-08-11	140/90	94	98.6	NO	NO	-	-
185	755	Sukhjot Singh	Mahinder Singh	Supervisor	1995-06-05	120/80	78	98.8	NO	NO	-	-



20/3/21  
 Medical Officer  
 CHC Kailan (Tarn Taran)



# CHANDIGARH POLLUTION TESTING LABORATORY

(Environmental Monitoring, EIA, NOC, ETP, STP)

H.O. : #372, Sector 15-A, Chandigarh-160 015  
 Phone : 0172-4669295  
 Lab : E-126, Phase-VII, Incl. Area, Mohali - 160055  
 Phone : 0172-5090312  
 E-mail : cptle126@gmail.com ; lab@cptl.co.in  
 Website : www.cptl.co.in



## TEST CERTIFICATE

Formal No. CPTLF7.8-I(A.A)

REPORT No. CPTL/2025/09/20(A)  
 REPORTING DATE: 29-09-2025

NAME OF INDUSTRY: M/s. RANA SUGAR LIMITED (DISTILLERY DIVISION)  
 VILLAGE-LAUKHA, TEH-PATTI,  
 DISTT. - TARN TARAN, PUNJAB.

### SAMPLE PARTICULARS

Sampling Plan Ref No.:	CPTLF 7.3-I	Type of Sample:	Air Quality
Sampling Method:	CPTL/SM/01	Location of Sampling Station:	Near Lawn in front of Canteen
Date of Sample Collection:	23-09-2025	Environmental Conditions:	Normal
Date of Sample Received in Lab.:	25-09-2025	Analysis Duration:	25-09-2025 To 29-09-2025
Sample Identification No.:	CPTL/2025/09/20(A)	Sample Collected By:	Daljeet Singh & Team
Nature of Sample:	Ambient Air		

### TECHNICAL DATA

1.	Location of sampling station	Near Lawn in front of Canteen
2.	Instrument used for sampling	RDS, FPS, Gaseous attachment & CO analyser
3.	Time period for sampling	480.0 minutes

PARAMETERS	RESULTS	PRESCRIBED STANDARD AS PER NAAQS NOTIFICATION, 18 <sup>TH</sup> NOVEMBER, 2009	TEST METHOD
Particulate Matter (PM <sub>10</sub> ), µg/m <sup>3</sup>	79.6	100	IS 5182 (P-23) : 2006
Particulate Matter (PM <sub>2.5</sub> ), µg/m <sup>3</sup>	42.5	60	IS: 5182:(P-24):2019
Sulphur dioxide (SO <sub>2</sub> ), µg/m <sup>3</sup>	6.6	80	IS: 5182 (P-2): (Part 2/Sec 1) : 2023
Nitrogen Dioxide (NO <sub>2</sub> ), µg/m <sup>3</sup>	15.2	80	IS 5182 (P-6): 2006
Carbon monoxide (CO), mg/m <sup>3</sup>	0.58	4	IS: 5182 (P-10): 1999

Chemist In-Charge  
 Date: 29/9/2025

Mr. Sital Singh (CEO)  
 (Authorized Signatory)  
 Date: 29/09/2025

- The results are related to test items only.
- This certificate is not to be reproduced wholly or in part and cannot be used as evidence in the court of law without approval of laboratory.
- Sample will be destroyed after retention time unless otherwise specified.

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



# CHANDIGARH POLLUTION TESTING LABORATORY

(Environmental Monitoring, EIA, NOC, ETP, STP)

H.O. : #372, Sector 15-A, Chandigarh-160 015  
 Phone : 0172-4669295  
 Lab : E-126, Phase-VII, Indl. Area, Mohali - 160055  
 Phone : 0172-5090312  
 E-mail : cptle126@gmail.com ; lab@cptl.co.in  
 Website : www.cptl.co.in



## TEST CERTIFICATE

Format No. CPTLF7.8-I(AA)

REPORT No. CPTL/2025/09/19(A)  
 REPORTING DATE: 29-09-2025

**NAME OF INDUSTRY:** M/s. RANA SUGAR LIMITED (DISTILLERY DIVISION)  
 VILLAGE-LAUKHA, TEH.-PATTI,  
 DISTT. - TARN TARAN, PUNJAB.

### SAMPLE PARTICULARS

Sampling Plan Ref No.:	CPTLF 7.3-I	Type of Sample:	Air Quality
Sampling Method:	CPTL/SM/01	Location of Sampling Station:	Near Main Gate
Date of Sample Collection:	23-09-2025	Environmental Conditions:	Normal
Date of Sample Received in Lab.:	25-09-2025	Analysis Duration:	25-09-2025 To 29-09-2025
Sample Identification No.:	CPTL/2025/09/19(A)	Sample Collected By:	Daljeet Singh & Team
Nature of Sample:	Ambient Air		

### TECHNICAL DATA

1.	Location of sampling station	Near Main Gate
2.	Instrument used for sampling	RDS, FPS, Gaseous attachment & CO analyser
3.	Time period for sampling	480.0 minutes

PARAMETERS	RESULTS	PRESCRIBED STANDARD AS PER NAAQS NOTIFICATION, 18 <sup>TH</sup> NOVEMBER, 2009	TEST METHOD
Particulate Matter (PM <sub>10</sub> ), µg/m <sup>3</sup>	85.3	100	IS 5182 (P-23) : 2006
Particulate Matter (PM <sub>2.5</sub> ), µg/m <sup>3</sup>	45.0	60	IS: 5182:(P-24):2019
Sulphur dioxide (SO <sub>2</sub> ), µg/m <sup>3</sup>	6.6	80	IS: 5182 (P-2): (Part 2/Sec 1) : 2023
Nitrogen Dioxide (NO <sub>2</sub> ), µg/m <sup>3</sup>	16.8	80	IS 5182 (P-6): 2006
Carbon monoxide (CO), mg/m <sup>3</sup>	0.72	4	IS: 5182 (P-10): 1999

*[Signature]*  
 Chemist in-Charge  
 Date: 29/9/2025

*[Signature]*  
 Mr. Sital Singh (CEO)  
 (Authorized Signatory)  
 Date: 29/09/2025

- The results are related to test items only.
- This certificate is not to be reproduced wholly or in part and cannot be used as evidence in the court of law without approval of laboratory.
- Sample will be destroyed after retention time unless otherwise specified.



# CHANDIGARH POLLUTION TESTING LABORATORY

(Environmental Monitoring, EIA, NOC, ETP, STP)

H.O. : #372, Sector 15-A, Chandigarh-160 015  
 Phone : 0172-4669295  
 Lab : E-126, Phase-VII, Indl. Area, Mohali - 160055  
 Phone : 0172-5090312  
 E-mail : cp11e126@gmail.com ; lab@cptl.co.in  
 Website : www.cptl.co.in



## TEST CERTIFICATE

Format No. CPTLF7.8-I(A.A)

REPORT No. CPTL/2025/09/18(A)  
 REPORTING DATE: 29-09-2025

NAME OF INDUSTRY: M/s. RANA SUGAR LIMITED (DISTILLERY DIVISION)  
 VILLAGE-LAUKHA, TEH.-PATTI,  
 DISTT. - TARN TARAN, PUNJAB.

### SAMPLE PARTICULARS

Sampling Plan Ref No.:	CPTLF 7.3-I	Type of Sample:	Air Quality
Sampling Method:	CPTL/SM/01	Location of Sampling Station:	Near Rice Husk Storage Area
Date of Sample Collection:	23-09-2025	Environmental Conditions:	Normal
Date of Sample Received in Lab.:	25-09-2025	Analysis Duration:	25-09-2025 To 29-09-2025
Sample Identification No.:	CPTL/2025/09/18(A)	Sample Collected By:	Daljeet Singh & Team
Nature of Sample:	Ambient Air		

### TECHNICAL DATA

1.	Location of sampling station	Near Rice Husk Storage Area
2.	Instrument used for sampling	RDS, FPS, Gaseous attachment & CO analyser
3.	Time period for sampling	480.0 minutes

PARAMETERS	RESULTS	PRESCRIBED STANDARD AS PER NAAQS NOTIFICATION, 18 <sup>TH</sup> NOVEMBER, 2009	TEST METHOD
Particulate Matter (PM <sub>10</sub> ), µg/m <sup>3</sup>	87.9	100	IS 5182 (P-23) : 2006
Particulate Matter (PM <sub>2.5</sub> ), µg/m <sup>3</sup>	48.8	60	IS: 5182:(P-24):2019
Sulphur dioxide (SO <sub>2</sub> ), µg/m <sup>3</sup>	6.9	80	IS: 5182 (P-2): (Part 2/Sec 1) : 2023
Nitrogen Dioxide (NO <sub>2</sub> ), µg/m <sup>3</sup>	16.6	80	IS 5182 (P-6): 2006
Carbon monoxide (CO), mg/m <sup>3</sup>	0.58	4	IS: 5182 (P-10): 1999

*Rana*  
 Chemist in-Charge  
 Date: 29/9/2025

*Singh*  
 Mr. Sital Singh (CEO)  
 (Authorized Signatory)  
 Date: 29/09/2025

- The results are related to test items only.
- This certificate is not to be reproduced wholly or in part and cannot be used as evidence in the court of law without approval of laboratory.
- Sample will be destroyed after retention time unless otherwise specified.



# CHANDIGARH POLLUTION TESTING LABORATORY

(Environmental Monitoring, EIA, NOC, ETP, STP)

H.O. : #372, Sector 15-A, Chandigarh-160 015  
 Phone : 0172-4669295  
 Lab : E-126, Phase-VII, Indl. Area, Mohali - 160055  
 Phone : 0172-5090312  
 E-mail : cptle126@gmail.com ; lab@cptl.co.in  
 Website : www.cptl.co.in



## TEST CERTIFICATE

Format No. CPTLF7.8-1(A,A)

REPORT No. CPTL/2025/09/17(A)  
 REPORTING DATE: 29-09-2025

**NAME OF INDUSTRY:** M/s. RANA SUGAR LIMITED (DISTILLERY DIVISION)  
 VILLAGE-LAUKHA, TEH.-PATTI,  
 DISTT. - TARN TARAN, PUNJAB.

### SAMPLE PARTICULARS

Sampling Plan Ref No.:	CPTLF 7.3-1	Type of Sample:	Air Quality
Sampling Method:	CPTL/SM/01	Location of Sampling Station:	Near Administration Block
Date of Sample Collection:	23-09-2025	Environmental Conditions:	Normal
Date of Sample Received in Lab.:	25-09-2025	Analysis Duration:	25-09-2025 To 29-09-2025
Sample Identification No.:	CPTL/2025/09/17(A)	Sample Collected By:	Daljeet Singh & Team
Nature of Sample:	Ambient Air		

### TECHNICAL DATA

1.	Location of sampling station	Near Administration Block
2.	Instrument used for sampling	RDS, FPS, Gaseous attachment & CO analyser
3.	Time period for sampling	480.0 minutes

PARAMETERS	RESULTS	PRESCRIBED STANDARD AS PER NAAQS NOTIFICATION, 18 <sup>TH</sup> NOVEMBER, 2009	TEST METHOD
Particulate Matter (PM <sub>10</sub> ), µg/m <sup>3</sup>	78.4	100	IS 5182 (P-23) : 2006
Particulate Matter (PM <sub>2.5</sub> ), µg/m <sup>3</sup>	37.5	60	IS: 5182:(P-24):2019
Sulphur dioxide (SO <sub>2</sub> ), µg/m <sup>3</sup>	6.6	80	IS: 5182 (P-2): (Part 2/Sec 1) : 2023
Nitrogen Dioxide (NO <sub>2</sub> ), µg/m <sup>3</sup>	15.2	80	IS 5182 (P-6): 2006
Carbon monoxide (CO), mg/m <sup>3</sup>	0.58	4	IS: 5182 (P-10): 1999

BDL-Below Detection Limit  
 DL-Detection Limit

Chemist In-Charge  
 Date: 29/9/2025

Mr. Sital Singh (CEO)  
 (Authorized Signatory)  
 Date: 29/09/2025

- The results are related to test items only.
- This certificate is not to be reproduced wholly or in part and cannot be used as evidence in the court of law without approval of laboratory.
- Sample will be destroyed after retention time unless otherwise specified.



# CHANDIGARH POLLUTION TESTING LABORATORY

(Environmental Monitoring, EIA, NOC, ETP, STP)

H.O. : #372, Sector 15-A, Chandigarh-160 015  
 Phone : 0172-4669295  
 Lab : E-126, Phase-VII, Indl. Area, Mohali - 160055  
 Phone : 0172-5090312  
 E-mail : cptle126@gmail.com ; lab@cptl.co.in  
 Website : www.cptl.co.in



Format No. CPTLF7.8-I(AA)

**TEST CERTIFICATE**

REPORT No. CPTL/2025/09/25(A)  
 REPORTING DATE: 29-09-2025

**NAME OF INDUSTRY:** M/s. RANA SUGAR LIMITED (DISTILLERY DIVISION)  
 VILLAGE-LAUKHA, TEH.-PATTI,  
 DISTT. - TARN TARAN, PUNJAB.

**SAMPLE PARTICULARS**

Sampling Plan Ref No.:	CPTLF 7.3-I	Type of Sample:	Work zone Air Quality
Sampling Method:	CPTL/SM/01	Location of Sampling Station:	Near Rice Husk Storage Area
Date of Sample Collection:	23-09-2025	Environmental Conditions:	Normal
Date of Sample Received in Lab.:	25-09-2025	Analysis Duration:	25-09-2025 To 29-09-2025
Sample Identification No.:	CPTL/2025/09/25(A)	Sample Collected By:	Daljeet Singh & Team
Nature of Sample:	Ambient Air		

**TECHNICAL DATA**

1.	Location of sampling station	Near Rice Husk Storage Area
2.	Instrument used for sampling	RDS, HVS, CO analyser & Gaseous Attachment
3.	Time period for sampling	480 minutes

<u>PARAMETERS</u>	<u>RESULTS</u>	<u>PRESCRIBED STANDARD AS PER FACTORY ACT. - 1948, SCH.-II &amp; SEC.41 F</u>	<u>TEST METHOD</u>
SPM, mg/m <sup>3</sup>	0.816	30	IS:5182: (P-4): 1999
RSPM (PM <sub>10</sub> ), mg/m <sup>3</sup>	0.322	10.0	IS:5182: (P-23): 2006
Sulphur dioxide (SO <sub>2</sub> ), mg/m <sup>3</sup>	0.012	5.0	IS:5182: (P-2): (Part 2/Sec 1): 2023
Nitrogen Dioxide (NO <sub>2</sub> ), mg/m <sup>3</sup>	0.018	6.0	IS:5182: (P-6): 2006
Carbon monoxide (CO), mg/m <sup>3</sup>	0.64	55.0	IS:5182: (P-10): 1999

*Jana*  
 Chemist In-Charge  
 Date: 29/9/2025

*Sital Singh*  
 Mr. Sital Singh (CEO)  
 (Authorized Signatory)  
 Date: 29/9/2025

- The results are related to test items only.
- This certificate is not to be reproduced wholly or in part and cannot be used as evidence in the court of law without approval of laboratory.
- Sample will be destroyed after retention time unless otherwise specified.



# CHANDIGARH POLLUTION TESTING LABORATORY

(Environmental Monitoring, EIA, NOC, ETP, STP)

H.O. : #372, Sector 15-A, Chandigarh-160 015  
 Phone : 0172-4669295  
 Lab : E-126, Phase-VII, Indl. Area, Mohali - 160055  
 Phone : 0172-5090312  
 E-mail : cptle126@gmail.com ; lab@cptl.co.in  
 Website : www.cptl.co.in



Format No. CPTLF7.8-I(AA)

## TEST CERTIFICATE

REPORT No. CPTL/2025/09/24(A)  
 REPORTING DATE: 29-09-2025

**NAME OF INDUSTRY:** M/s. RANA SUGAR LIMITED (DISTILLERY DIVISION)  
 VILLAGE-LAUKHA, TEH.-PATTI,  
 DISTT. - TARN TARAN, PUNJAB.

### SAMPLE PARTICULARS

Sampling Plan Ref No.:	CPTLF 7.3-1	Type of Sample:	Work zone Air Quality
Sampling Method:	CPTL/SM/01	Location of Sampling Station:	Near Water Treatment Plant
Date of Sample Collection:	23-09-2025	Environmental Conditions:	Normal
Date of Sample Received in Lab.:	25-09-2025	Analysis Duration:	25-09-2025 To 29-09-2025
Sample Identification No.:	CPTL/2025/09/24A)	Sample Collected By:	Daljeet Singh & Team
Nature of Sample:	Ambient Air		

### TECHNICAL DATA

1.	Location of sampling station	Near Water Treatment Plant
2.	Instrument used for sampling	RDS, HVS, CO analyser & Gaseous Attachment
3.	Time period for sampling	480 minutes

PARAMETERS	RESULTS	PRESCRIBED STANDARD AS PER FACTORY ACT. - 1948, SCH.-II & SEC.41 F	TEST METHOD
SPM, mg/m <sup>3</sup>	0.314	30	IS:5182: (P-4): 1999
RSPM (PM <sub>10</sub> ), mg/m <sup>3</sup>	0.198	10.0	IS:5182: (P-23): 2006
Sulphur dioxide (SO <sub>2</sub> ), mg/m <sup>3</sup>	0.014	5.0	IS:5182: (P-2): (Part 2/Sec 1): 2023
Nitrogen Dioxide (NO <sub>2</sub> ), mg/m <sup>3</sup>	0.029	6.0	IS:5182: (P-6): 2006
Carbon monoxide (CO), mg/m <sup>3</sup>	0.62	55.0	IS:5182: (P-10): 1999

*Jana*  
 Chemist In-Charge  
 Date: 29/9/2025

*Singh*  
 Mr. Sital Singh (CEO)  
 (Authorized Signatory)  
 Date: 29/09/2025

- The results are related to test items only.
- This certificate is not to be reproduced wholly or in part and cannot be used as evidence in the court of law without approval of laboratory.
- Sample will be destroyed after retention time unless otherwise specified.



# CHANDIGARH POLLUTION TESTING LABORATORY

(Environmental Monitoring, EIA, NOC, ETP, STP)

H.O. : #372, Sector 15-A, Chandigarh-160 015  
 Phone : 0172-4669295  
 Lab : E-126, Phase-VII, Indl. Area, Mohali - 160055  
 Phone : 0172-5090312  
 E-mail : cptle126@gmail.com ; lab@cptl.co.in  
 Website : www.cptl.co.in



Format No. CPTLF7.8-I(AA)

## TEST CERTIFICATE

TC-6738

REPORT No. CPTL/2025/09/23(A)  
 REPORTING DATE: 29-09-2025

**NAME OF INDUSTRY:** M/s. RANA SUGAR LIMITED (DISTILLERY DIVISION)  
 VILLAGE-LAUKHA, TEH.-PATTI,  
 DISTT. - TARN TARAN, PUNJAB.

### SAMPLE PARTICULARS

Sampling Plan Ref No.:	CPTLF 7.3-I	Type of Sample:	Work zone Air Quality
Sampling Method:	CPTL/SM/01	Location of Sampling Station:	Near Administration Block
Date of Sample Collection:	23-09-2025	Environmental Conditions:	Normal
Date of Sample Received in Lab.:	25-09-2025	Analysis Duration:	25-09-2025 To 29-09-2025
Sample Identification No.:	CPTL/2025/09/23(A)	Sample Collected By:	Daljeet Singh & Team
Nature of Sample:	Ambient Air		

### TECHNICAL DATA

1.	Location of sampling station	Near Administration Block
2.	Instrument used for sampling	RDS, HVS, CO Analyser & Gaseous Attachment
3.	Time period for sampling	480 minutes

PARAMETERS	RESULTS	PRESCRIBED STANDARD AS PER FACTORY ACT. - 1948. SCH.-II & SEC.41 F	TEST METHOD
SPM, mg/m <sup>3</sup>	0.289	30	IS:5182: (P-4): 1999
RSPM (PM <sub>10</sub> ), mg/m <sup>3</sup>	0.138	10.0	IS:5182: (P-23): 2006
Sulphur dioxide (SO <sub>2</sub> ), mg/m <sup>3</sup>	0.011	5.0	IS:5182: (P-2): (Part 2/Sec 1): 2023
Nitrogen Dioxide (NO <sub>2</sub> ), mg/m <sup>3</sup>	0.018	6.0	IS:5182: (P-6): 2006
Carbon monoxide (CO), mg/m <sup>3</sup>	0.59	55.0	IS:5182: (P-10): 1999

*[Signature]*  
 Chemist In-Charge  
 Date: 29/9/2025

*[Signature]*  
 Mr. Sital Singh (CEO)  
 (Authorized Signatory)  
 Date: 29/09/2025

- The results are related to test items only.
- This certificate is not to be reproduced wholly or in part and cannot be used as evidence in the court of law without approval of laboratory.
- Sample will be destroyed after retention time unless otherwise specified.



# CHANDIGARH POLLUTION TESTING LABORATORY

(Environmental Monitoring, EIA, NOC, ETP, STP)

H.O. : #372, Sector 15-A, Chandigarh-160 015  
 Phone : 0172-4669295  
 Lab : E-126, Phase-VII, Indl. Area, Mohali - 160055  
 Phone : 0172-5090312  
 E-mail : cptle126@gmail.com ; lab@cptl.co.in  
 Website : www.cptl.co.in



Format No. CPTLF 7.8-4(AA)

## TEST CERTIFICATE

REPORT No. CPTL/2025/09/22(A)  
 REPORTING DATE: 29-09-2025

**NAME OF INDUSTRY:** M/s. RANA SUGAR LIMITED (DISTILLERY DIVISION)  
 VILLAGE-LAUKHA, TEH.-PATTI,  
 DISTT. - TARN TARAN, PUNJAB.

### SAMPLE PARTICULARS

Sampling Plan Ref No.:	CPTLF 7.3-1	Type of Sample:	Work zone Air Quality
Sampling Method:	CPTL/SM/01	Location of Sampling Station:	Near Main Gate
Date of Sample Collection:	23-09-2025	Environmental Conditions:	Normal
Date of Sample Received in Lab.:	25-09-2025	Analysis Duration:	25-09-2025 To 29-09-2025
Sample Identification No.:	CPTL/2025/09/22(A)	Sample Collected By:	Daljeet Singh & Team
Nature of Sample:	Ambient Air		

### TECHNICAL DATA

1.	Location of sampling station	Near Main Gate
2.	Instrument used for sampling	RDS, HVS, CO analyser & Gaseous Attachment
3.	Time period for sampling	480 minutes

<u>PARAMETERS</u>	<u>RESULTS</u>	<u>PRESCRIBED STANDARD AS PER FACTORY ACT. - 1948, SCH.-II &amp; SEC.41 F</u>	<u>TEST METHOD</u>
SPM, mg/m <sup>3</sup>	0.589	30	IS:5182: (P-4): 1999
RSPM (PM <sub>10</sub> ), mg/m <sup>3</sup>	0.238	10.0	IS:5182: (P-23): 2006
Sulphur dioxide (SO <sub>2</sub> ), mg/m <sup>3</sup>	0.009	5.0	IS:5182: (P-2): (Part 2/Sec 1): 2023
Nitrogen Dioxide (NO <sub>2</sub> ), mg/m <sup>3</sup>	0.018	6.0	IS:5182: (P-6): 2006
Carbon monoxide (CO), mg/m <sup>3</sup>	0.65	55.0	IS:5182: (P-10): 1999

*[Signature]*  
 Chemist In-Charge  
 Date: 29/9/2025

*[Signature]*  
 Mr. Sital Singh (CEO)  
 (Authorized Signatory)  
 Date: 29/09/2025

- The results are related to test items only.
- This certificate is not to be reproduced wholly or in part and cannot be used as evidence in the court of law without approval of laboratory.
- Sample will be destroyed after retention time unless otherwise specified.



# CHANDIGARH POLLUTION TESTING LABORATORY

(Environmental Monitoring, EIA, NOC, ETP, STP)

H.O. : #372, Sector 15-A, Chandigarh-160 015  
 Phone : 0172-4669295  
 Lab : E-126, Phase-VII, Indl. Area, Mohali - 160055  
 Phone : 0172-5090312  
 E-mail : cptle126@gmail.com ; lab@cptl.co.in  
 Website : www.cptl.co.in



Format No. CPTLF7.8-1(AA)

## TEST CERTIFICATE

REPORT No. CPTL/2025/09/21(A)  
 REPORTING DATE: 29-09-2025

**NAME OF INDUSTRY:** M/s. RANA SUGAR LIMITED (DISTILLERY DIVISION)  
 VILLAGE-LAUKHA, TEH.-PATTI,  
 DISTT. - TARN TARAN, PUNJAB.

### SAMPLE PARTICULARS

Sampling Plan Ref No.:	CPTLF 7.3-I	Type of Sample:	Work zone Air Quality
Sampling Method:	CPTL/SM/01	Location of Sampling Station:	Distillation Section
Date of Sample Collection:	23-09-2025	Environmental Conditions:	Normal
Date of Sample Received in Lab.:	25-09-2025	Analysis Duration:	25-09-2025 To 29-09-2025
Sample Identification No.:	CPTL/2025/09/21(A)	Sample Collected By:	Daljeet Singh & Team
Nature of Sample:	Ambient Air		

### TECHNICAL DATA

1.	Location of sampling station	Distillation Section
2.	Instrument used for sampling	RDS, HVS, CO analyser & Gaseous Attachment
3.	Time period for sampling	480 minutes

<u>PARAMETERS</u>	<u>RESULTS</u>	<u>PRESCRIBED STANDARD AS PER FACTORY ACT. - 1948, SCH.-II &amp; SEC.41 F</u>	<u>TEST METHOD</u>
SPM, mg/m <sup>3</sup>	0.264	30	IS:5182: (P-4): 1999
RSPM (PM <sub>10</sub> ), mg/m <sup>3</sup>	0.112	10.0	IS:5182: (P-23) : 2006
Sulphur dioxide (SO <sub>2</sub> ), mg/m <sup>3</sup>	0.013	5.0	IS:5182: (P-2); (Part 2/Sec 1) : 2023
Nitrogen Dioxide (NO <sub>2</sub> ), mg/m <sup>3</sup>	0.015	6.0	IS:5182: (P-6): 2006
Carbon monoxide (CO), mg/m <sup>3</sup>	0.54	55.0	IS:5182: (P-10): 1999

*Rana*  
 Chemist in-Charge  
 Date: 29/9/2025

*Sital Singh*  
 Mr. Sital Singh (CEO)  
 (Authorized Signatory)  
 Date: 29/09/2025

- The results are related to test items only.
- This certificate is not to be reproduced wholly or in part and cannot be used as evidence in the court of law without approval of laboratory.
- Sample will be destroyed after retention time unless otherwise specified.



# CHANDIGARH POLLUTION TESTING LABORATORY

(Environmental Monitoring, EIA, NOC, ETP, STP)

H.O. : #372, Sector 15-A, Chandigarh-160 015  
Phone : 0172-4669295  
Lab : E-126, Phase-VII, Indl. Area, Mohali - 160055  
Phone : 0172-5090312  
E-mail : cptile126@gmail.com ; lab@cptil.co.in  
Website : www.cptil.co.in



## TEST CERTIFICATE

Format No. CPTILF7.8-I(N)

REPORT No. CPTL/2025/09/12(AN)  
REPORTING DATE: 29-09-2025

**NAME OF INDUSTRY:** M/s. RANA SUGAR LIMITED (DISTILLERY DIVISION)  
VILLAGE-LAUKHA, TEH.-PATTI,  
DISTT. - TARN TARAN, PUNJAB.

## SAMPLE PARTICULARS

Sampling Plan Ref No.:	CPTLF 7.3-I	Type of Sample:	Ambient Noise
Sampling Method:	CPTL/SM/01	Point of Sample:	Near Main Gate
Date of Monitoring.:	23-09-2025	Environmental Conditions:	Normal
Sample Identification No.:	CPTL/2025/09/12(AN)	Sample Collected By:	Daljeet Singh & Team
Nature of Sample:	Noise Level Monitoring		

## NOISE LEVEL

S. No.	Location	Value in dB(A) (Average) Day Time	Value in dB(A) (Average) Night Time	Test Method
01.	Near Main Gate	71.6	62.4	IS 9989:1981

*Jana*  
Chemist In-Charge  
Date: 29/09/2025

*S. Singh*  
Mr. Sital Singh (CEO)  
(Authorized Signatory)  
Date: 29/09/2025

- The results are related to test items only.
- This certificate is not to be reproduced wholly or in part and cannot be used as evidence in the court of law without approval of laboratory.
- Sample will be destroyed after retention time unless otherwise specified.



# RANA SUGARS LIMITED

Village Louhka, Teshil Patti, District Tarn Taran, Punjab-143416 (INDIA)

TEL.: 01851-226455

CIN : L15322CH1991PLC011537 PAN : AABCR6744C

E-mail : info@ranasugars.com Website : www.ranasugars.com

Ref. No: RSL/DD/2024

Date: 01.04.2024

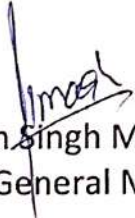
## Subject- Environment Monitoring Committee/Cell

An Environment Monitoring Committee comprising of following members is hereby constituted afresh:

1. Mr. Ram Singh Maan – Sr. General Manager
2. Mr. Pardeep Rehan – AGM – Process
3. Mr. Ramandeep Kumar - Asstt. Manager – DM Plant/ETP

## Scope of work of Environment Monitoring Committee will be as under:

1. The Committee will ensure proper working of all the equipment used for monitoring of various processes of testing of effluent water, air and other related activities of environment.
2. Committee will discuss all the result and its effect on water and air and follow the procedure as per norms prescribed by MOEF.
3. The meeting of the committee will be held once in a month (i.e. on Wednesday at 11.00 hrs. of every month) in the office of the undersigned.

  
Ram Singh Maan  
Sr. General Manager



# CHANDIGARH POLLUTION TESTING LABORATORY

(Environmental Monitoring, EIA, NOC, ETP, STP)

H.O. : #372, Sector 15-A, Chandigarh-160 015  
Phone : 0172-4669295  
Lab : E-126, Phase-VII, Indl. Area, Mohali - 160055  
Phone : 0172-5090312  
E-mail : cptle126@gmail.com ; lab@cptl.co.in  
Website : www.cptl.co.in



## TEST CERTIFICATE

Format No. CPTLF7.8-I(A)

REPORT No. CPTL/2025/09/30(A)  
REPORTING DATE: 29-09-2025

**NAME OF INDUSTRY:** M/s. RANA SUGAR LIMITED (DISTILLERY DIVISION)  
VILLAGE-LAUKHA, TEH.-PATTI,  
DISTT. - TARN TARAN, PUNJAB.

### SAMPLE PARTICULARS

<b>Sampling Plan Ref No.:</b>	CPTLF 7.3-I	<b>Type of Sample:</b>	Stack Air Emission
<b>Sampling Method:</b>	CPTL/SM/01	<b>Point of Sample:</b>	From Port Hole On Stack
<b>Date of Sample Collection:</b>	23-09-2025	<b>Environmental Conditions:</b>	Normal
<b>Date of Sample Received in Lab.:</b>	25-09-2025	<b>Analysis Duration:</b>	25-09-2025 to 29-09-2025
<b>Sample Identification No.:</b>	CPTL/2025/09/30(A)	<b>Sample Collected By:</b>	Daljeet Singh & Team
<b>Nature of Sample:</b>	Air Sample		

### TECHNICAL DATA

1.	Name of Plant/Section	Boiler @ 30.0 TPH
2.	Source of Emission	Burning of Fuel
3.	*Type Of Fuel/Quantity	Biomass @ 190 Ton/Day
4.	Location of Sampling Point	As per Standard
5.	*Diameter of Stack	3.2m (Top) ; 3.2m (Bottom)
6.	*Height of Stack	70.0 meters from Ground level
7.	Sampling Time	60.0 minutes
8.	Ambient Air Temperature	36.2°C
9.	Stack Air Temperature	59.7°C
10.	Velocity of Flue Gases	9.44 m/sec
11.	*APCD	Electrostatic Precipitator (ESP)

<u>PARAMETERS</u>	<u>RESULTS</u>	<u>PRESCRIBED STANDARD</u>	<u>TEST METHOD</u>
Particulate Matter (PM), mg/Nm <sup>3</sup>	42.6	250	IS:11255: (P-1) 1985

NA-Not Applicable

\*represent the information provided by the customer

*Sana*  
Chemist In-Charge  
Date: 29/9/25

*S. Singh*  
Mr. Sital Singh (CEO)  
(Authorized Signatory)  
Date: 29/09/2025

- The results are related to test items only.
- This certificate is not to be reproduced wholly or in part and cannot be used as evidence in the court of law without approval of laboratory.
- Sample will be destroyed after retention time unless otherwise specified



# CHANDIGARH POLLUTION TESTING LABORATORY

(Environmental Monitoring, EIA, NOC, ETP, STP)

H.O. : #372, Sector 15-A, Chandigarh-160 015  
 Phone : 0172-4669295  
 Lab : E-126, Phase-VII, Indl. Area, Mohali - 160055  
 Phone : 0172-5090312  
 E-mail : cptle126@gmail.com ; lab@cptl.co.in  
 Website : www.cptl.co.in



## TEST CERTIFICATE

Format No. CPTLF7.8-I(W)

REPORT No. CPTL/2025/09/31(W)  
 REPORTING DATE: 30.09.2025

<b>NAME OF INDUSTRY:</b>	<b>M/s. RANA SUGAR LIMITED (DISTILLERY DIVISION) VILLAGE-LAUKHA, TEH.-PATTI, DISTT. - TARN TARAN, PUNJAB.</b>
--------------------------	---

### SAMPLE PARTICULARS

Date of Sample Collection	23.09.2025
Sample Received in Lab	25.09.2025
Type of Sample	Ground Water (Grab)
Sampling Plan Ref. No.	CPTLF7.3-1
Sampling Method	CPTL/SM/01
Environmental conditions	Normal
Point of Sample Collection	Borewell No. 1
Quantity & Packaging	2.0 liters in Plastic bottle
Sample Identification No.	CPTL/2025/09/31(W)
Analysis Duration	25.09.2025 To 30.09.2025
Sample Collected By	Daljeet Singh & team
Visual Observation	Clear and colourless.

### TEST RESULTS

S. No.	Parameters	Results	Acceptable Limit	Permissible Limit	Test Method
1.	pH	7.36	6.5-8.5	No relaxation	IS: 3025 (P-11): 2022
2.	Color, HU	<5	5	15	IS: 3025 (P-4): 2021
3.	Odour	Agreeable	Agreeable	Agreeable	IS: 3025 (P-5): 2018
4.	Turbidity, NTU	<1	1	5	IS: 3025 (P-10): 2023
5.	Total Dissolved Solids, mg/l	296	500	2000	IS: 3025 (P-16): 2023
6.	Total Hardness (as CaCO <sub>3</sub> ), mg/l	280	200	600	IS: 3025 (P-21): 2009
7.	Calcium (as Ca <sup>++</sup> ), mg/l	44.0	75	200	IS: 3025 (P-40): 2004
8.	Magnesium (as Mg <sup>++</sup> ), mg/l	21.6	30	100	IS: 3025 (P-46): 2023
9.	Total Alkalinity (as CaCO <sub>3</sub> ), mg/l	290	200	600	IS: 3025 (P-23): 2023
10.	Chloride (as Cl), mg/l	22.5	250	1000	IS: 3025 (P-32): 1998
11.	Sulphate (as SO <sub>4</sub> ), mg/l	38.9	200	400	IS: 3025 (P-24) Sec.-1: 2022
12.	Iron (as Fe), mg/l	0.14	0.3	No relaxation	IS:3025 (P-53): 2024
13.	Zinc (as Zn), mg/l	BDL (DL-0.5)	5	15	IS: 3025 (P-49): 1994
14.	Nitrate (as NO <sub>3</sub> ), mg/l	BDL (DL-1.0)	45	No relaxation	IS: 3025 (P-34): 2022
15.	Total Chromium ( as Cr), mg/l	BDL (DL-0.04)	0.05	No relaxation	IS: 3025 (P-52): 2021
16.	Manganese (as Mn), mg/l	BDL (DL-0.09)	0.1	0.3	IS: 3025 (P-59): 2023
17.	Lead (as Pb), mg/l	BDL (DL-0.01)	0.01	No relaxation	IS: 3025 (P-47): 2024
18.	Aluminium (as Al), mg/l	BDL (DL-.002)	0.03	0.2	IS: 3025 (P-55): 2003



# CHANDIGARH POLLUTION TESTING LABORATORY

(Environmental Monitoring, EIA, NOC, ETP, STP)

H.O. : #372, Sector 15-A, Chandigarh-160 015  
Phone : 0172-4669295  
Lab : E-126, Phase-VII, Indl. Area, Mohali - 160055  
Phone : 0172-5090312  
E-mail : cptle126@gmail.com ; lab@cptl.co.in  
Website : www.cptl.co.in

Sample Received in Lab	25.09.2025
Type of Sample	Ground Water
Sample Identification No.	CPTL/2025/09/31(W)

S. No.	Parameters	Results	Acceptable Limit	Permissible Limit	Test Method
19.	Arsenic (as As), mg/l	BDL (DL-0.01)	0.01	0.05	IS: 3025 (P-37): 2022
20.	Mercury (as Hg), mg/l	BDL (DL-0.001)	0.001	No relaxation	IS: 3025:P-48:1994 (RA:2019)
21.	Copper (as Cu), mg/l	BDL (DL-0.04)	0.05	1.5	IS: 3025 (P-42): 1992
22.	Boron (as B), mg/l	BDL (DL-0.1)	0.5	1.0	IS: 3025 (P-57): 2021
23.	Cadmium (as Cd), mg/l	BDL (DL-0.001)	0.003	No relaxation	IS: 3025 (P-41): 2023
24.	Fluoride (as F ), mg/l	BDL (DL-0.1)	1.0	1.5	IS: 3025 (P-60) Sec.-1: 2023
25.	Free Residual Chlorine (as Cl <sub>2</sub> ), mg/l	BDL (DL-0.1)	0.2	1	IS: 3025 (P-26): 2021
26.	Selenium (as Se), mg/l	BDL (DL-0.01)	0.01	No relaxation	IS: 3025 (P-56): 2003

BDL- Below Detection Limit  
DL-Detection Limit

*[Signature]*  
(Chemist In-Charge)  
Date: 30/9/2025

*[Signature]*  
Mr. Sital Singh (CEO)  
(Authorized Signatory)  
Date: 30/9/2025

- The results are related to test items only.
- This certificate is not to be reproduced wholly or in part and cannot be used as evidence in the court of law without approval of laboratory.
- Sample will be destroyed after retention time unless otherwise specified.



# CHANDIGARH POLLUTION TESTING LABORATORY

(Environmental Monitoring, EIA, NOC, ETP, STP)

H.O. : #372, Sector 15-A, Chandigarh-160 015  
 Phone : 0172-4669295  
 Lab : E-126, Phase-VII, Indl. Area, Mohali - 160055  
 Phone : 0172-5090312  
 E-mail : cptle126@gmail.com ; lab@cptl.co.in  
 Website : www.cptl.co.in



Format No. CPTLF7.3-1(M)

## TEST CERTIFICATE

REPORT No. CPTL/2025/09/15m(W)  
 REPORTING DATE: 26.09.2025

NAME OF INDUSTRY: M/s. RANA SUGAR LIMITED (DISTILLERY DIVISION)  
 VILLAGE-LAUKHA, TEH.-PATTI,  
 DISTT. - TARN TARAN, PUNJAB.

### SAMPLE PARTICULARS

Date of Sample Collection	23.09.2025
Sample Received in Lab	25.09.2025
Type of Sample	Ground Water (Grab)
Sampling Plan Ref. No.	CPTLF7.3-1
Sampling Method	CPTL/SM/01
Environmental Conditions	Normal
Point of Sample Collection	Borewell No.-1
Quantity & Packaging	500 ml in sterile glass bottle
Sample Identification No.	CPTL/2025/09/15m(W)
Analysis Duration	25.09.2025 to 26.09.2025
Sample Collected By	Daljeet Singh & Team
Visual Observation	Clear and colorless.

### TEST RESULTS

S. No.	Parameters	Results	Acceptable Limit	Permissible Limit	Test Method
1.	E. Coli/100ml	Absent	Shall not be detectable in any 100 ml sample	Shall not be detectable in any 100 ml sample	IS 15185: 2016
2.	Total Coliform/100ml	Absent	Shall not be detectable in any 100 ml sample	Shall not be detectable in any 100 ml sample	IS 15185: 2016

*Nidhi*  
 Analyzed By  
 Date: 26-09-2025

*Sital Singh*  
 Mr. Sital Singh (CEO)  
 (Authorized Signatory)  
 Date: 26/09/2025

- The results are related to test items only.
- This certificate is not to be reproduced wholly or in part and cannot be used as evidence in the court of law without approval of laboratory.
- Sample will be destroyed after retention time unless otherwise specified.



# CHANDIGARH POLLUTION TESTING LABORATORY

(Environmental Monitoring, EIA, NOC, ETP, STP)

H.O. : #372, Sector 15-A, Chandigarh-160 015  
 Phone : 0172-4669295  
 Lab : E-126, Phase-VII, Indl. Area, Mohali - 160055  
 Phone : 0172-5090312  
 E-mail : cptle126@gmail.com ; lab@cptl.co.in  
 Website : www.cptl.co.in



## TEST CERTIFICATE

Format No. CPTLJ/7.8-I(W)

REPORT No. CPTL/2025/09/32(W)  
 REPORTING DATE: 30.09.2025

**NAME OF INDUSTRY:** M/s. RANA SUGAR LIMITED (DISTILLERY DIVISION)  
 VILLAGE-LAUKHA, TEH.-PATTI,  
 DISTT. - TARN TARAN, PUNJAB.

### SAMPLE PARTICULARS

Date of Sample Collection	23.09.2025
Sample Received in Lab	25.09.2025
Type of Sample	Ground Water (Grab)
Sampling Plan Ref. No.	CPTLF7.3-1
Sampling Method	CPTL/SM/01
Environmental conditions	Normal
Point of Sample Collection	Borewell No. 2
Quantity & Packaging	2.0 liters in Plastic bottle
Sample Identification No.	CPTL/2025/09/32(W)
Analysis Duration	25.09.2025 To 30.09.2025
Sample Collected By	Daljeet Singh & team
Visual Observation	Clear and colourless.

### TEST RESULTS

S. No.	Parameters	Results	Acceptable Limit	Permissible Limit	Test Method
1.	pH	7.58	6.5-8.5	No relaxation	IS: 3025 (P-11): 2022
2.	Color, HU	<5	5	15	IS: 3025 (P-4): 2021
3.	Odour	Agreeable	Agreeable	Agreeable	IS: 3025 (P-5): 2018
4.	Turbidity, NTU	<1	1	5	IS: 3025 (P-10): 2023
5.	Total Dissolved Solids, mg/l	310	500	2000	IS: 3025 (P-16): 2023
6.	Total Hardness (as CaCO <sub>3</sub> ), mg/l	290	200	600	IS: 3025 (P-21): 2009
7.	Calcium (as Ca <sup>++</sup> ), mg/l	42.0	75	200	IS: 3025 (P-40): 2004
8.	Magnesium (as Mg <sup>++</sup> ), mg/l	18.0	30	100	IS: 3025 (P-46): 2023
9.	Total Alkalinity (as CaCO <sub>3</sub> ), mg/l	300	200	600	IS: 3025 (P-23): 2023
10.	Chloride (as Cl), mg/l	22.4	250	1000	IS: 3025 (P-32): 1998
11.	Sulphate (as SO <sub>4</sub> ), mg/l	38.6	200	400	IS: 3025 (P-24) Sec.-1: 2022
12.	Iron (as Fe), mg/l	0.18	0.3	No relaxation	IS:3025 (P-53): 2024
13.	Zinc (as Zn), mg/l	BDL (DL-0.5)	5	15	IS: 3025 (P-49): 1994
14.	Nitrate (as NO <sub>3</sub> ), mg/l	BDL (DL-1.0)	45	No relaxation	IS: 3025 (P-34): 2022
15.	Total Chromium ( as Cr), mg/l	BDL (DL-0.04)	0.05	No relaxation	IS: 3025 (P-52): 2021
16.	Manganese (as Mn), mg/l	BDL (DL-0.09)	0.1	0.3	IS: 3025 (P-59): 2023
17.	Lead (as Pb), mg/l	BDL (DL-0.01)	0.01	No relaxation	IS: 3025 (P-47): 2024
18.	Aluminium (as Al), mg/l	BDL (DL-.002)	0.03	0.2	IS: 3025 (P-55): 2003



# CHANDIGARH POLLUTION TESTING LABORATORY

(Environmental Monitoring, EIA, NOC, ETP, STP)

H.O. : #372, Sector 15-A, Chandigarh-160 015

Phone : 0172-4669295

Lab : E-126, Phase-VII, Indl. Area, Mohali - 160055

Phone : 0172-5090312

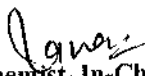
E-mail : cptle126@gmail.com ; lab@cptl.co.in

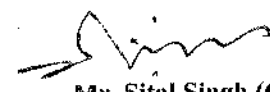
Website : www.cptl.co.in

Sample Received in Lab	25.09.2025
Type of Sample	Ground Water
Sample Identification No.	CPTL/2025/09/32(W)

S. No.	Parameters	Results	Acceptable Limit	Permissible Limit	Test Method
19.	Arsenic (as As), mg/l	BDL (DL-0.01)	0.01	0.05	IS: 3025 (P-37): 2022
20.	Mercury (as Hg), mg/l	BDL (DL-0.001)	0.001	No relaxation	IS: 3025:P-48:1994 (RA:2019)
21.	Copper (as Cu), mg/l	BDL (DL-0.04)	0.05	1.5	IS: 3025 (P-42): 1992
22.	Boron (as B), mg/l	BDL (DL-0.1)	0.5	1.0	IS: 3025 (P-57): 2021
23.	Cadmium (as Cd), mg/l	BDL (DL-0.001)	0.003	No relaxation	IS: 3025 (P-41): 2023
24.	Fluoride (as F ), mg/l	BDL (DL-0.1)	1.0	1.5	IS: 3025 (P-60) Sec.-1: 2023
25.	Free Residual Chlorine (as Cl <sub>2</sub> ), mg/l	BDL (DL-0.1)	0.2	1	IS: 3025 (P-26): 2021
26.	Selenium (as Se), mg/l	BDL (DL-0.01)	0.01	No relaxation	IS: 3025 (P-56): 2003

BDL- Below Detection Limit  
DL-Detection Limit

  
(Chemist, In-Charge)  
Date: 30/9/2025

  
Mr. Sital Singh (CEO)  
(Authorized Signatory)  
Date: 30/9/2025

- The results are related to test items only.
- This certificate is not to be reproduced wholly or in part and cannot be used as evidence in the court of law without approval of laboratory.
- Sample will be destroyed after retention time unless otherwise specified.



# CHANDIGARH POLLUTION TESTING LABORATORY

(Environmental Monitoring, EIA, NOC, ETP, STP)

H.O. : #372, Sector 15-A, Chandigarh-160 015  
 Phone : 0172-4669295  
 Lab : E-126, Phase-VII, Indl. Area, Mohali - 160055  
 Phone : 0172-5090312  
 E-mail : cptle126@gmail.com ; lab@cptl.co.in  
 Website : www.cptl.co.in



Format No. CPTLF7.8-I(M)

## TEST CERTIFICATE

REPORT No. CPTL/2025/09/16m(W)  
 REPORTING DATE: 26.09.2025

NAME OF INDUSTRY: M/s. RANA SUGAR LIMITED (DISTILLERY DIVISION)  
 VILLAGE-LAUKHA, TEH.-PATTI,  
 DISTT. - TARN TARAN, PUNJAB.

### SAMPLE PARTICULARS

Date of Sample Collection	23.09.2025
Sample Received in Lab	25.09.2025
Type of Sample	Ground Water (Grab)
Sampling Plan Ref. No.	CPTLF7.3-1
Sampling Method	CPTL/SM/01
Environmental Conditions	Normal
Point of Sample Collection	Borewell No.-2
Quantity & Packaging	500 ml in sterile glass bottle
Sample Identification No.	CPTL/2025/09/16m(W)
Analysis Duration	25.09.2025 to 26.09.2025
Sample Collected By	Daljeet Singh & Team
Visual Observation	Clear and colorless.

### TEST RESULTS

S. No.	Parameters	Results	Acceptable Limit	Permissible Limit	Test Method
1.	E. Coli/100ml	Absent	Shall not be detectable in any 100 ml sample	Shall not be detectable in any 100 ml sample	IS 15185: 2016
2.	Total Coliform/100ml	Absent	Shall not be detectable in any 100 ml sample	Shall not be detectable in any 100 ml sample	IS 15185: 2016

*Nidhi*  
 Analyzed By  
 Date: 26-09-2025

*Sital Singh*  
 Mr. Sital Singh (CEO)  
 (Authorized Signatory)  
 Date: 26/09/2025

- The results are related to test items only.
- This certificate is not to be reproduced wholly or in part and cannot be used as evidence in the court of law without approval of laboratory.
- Sample will be destroyed after retention time unless otherwise specified.



# CHANDIGARH POLLUTION TESTING LABORATORY

(Environmental Monitoring, EIA, NOC, ETP, STP)

H.O. : #372, Sector 15-A, Chandigarh-160 015  
 Phone : 0172-4669295  
 Lab : E-126, Phase-VII, Indl. Area, Mohali - 160055  
 Phone : 0172-5090312  
 E-mail : cptle126@gmail.com ; lab@cptl.co.in  
 Website : www.cptl.co.in



## TEST CERTIFICATE

Format No. CPTLF7.8-I(W)

REPORT No. CPTL/2025/09/33(W)  
 REPORTING DATE: 30.09.2025

**NAME OF INDUSTRY:** M/s. RANA SUGAR LIMITED (DISTILLERY DIVISION)  
 VILLAGE-LAUKHA, TEH.-PATTI,  
 DISTT. - TARN TARAN, PUNJAB.

### SAMPLE PARTICULARS

Date of Sample Collection	23.09.2025
Sample Received in Lab	25.09.2025
Type of Sample	Ground Water (Grab)
Sampling Plan Ref. No.	CPTLF7.3-1
Sampling Method	CPTL/SM/01
Environmental conditions	Normal
Point of Sample Collection	Piezometer (Near Dispensary)
Quantity & Packaging	2.0 liters in Plastic bottle
Sample Identification No.	CPTL/2025/09/33(W)
Analysis Duration	25.09.2025 To 30.09.2025
Sample Collected By	Daljeet Singh & team
Visual Observation	Clear and colourless.

### TEST RESULTS

S. No.	Parameters	Results	Test Method
1.	pH	7.59	IS: 3025 (P-11): 2022
2.	Total Dissolved Solids, mg/l	456	IS: 3025 (P-16): 2023
3.	Chloride (as Cl), mg/l	37.4	IS: 3025 (P-32): 1998
4.	Sulphate (as SO <sub>4</sub> ), mg/l	38.6	IS: 3025 (P-24) Sec.-1: 2022
5.	Chemical Oxygen Demand, mg/l	10.0	IS: 3025 (P-58): 2023
6.	BOD ( at 27°C for 3 Days), mg/l	2.6	IS: 3025 (P-44): 2023

*(Signature)*  
 (Chemist In-Charge)  
 Date: 30/9/2025

*(Signature)*  
 Mr. Sital Singh (CEO)  
 (Authorized Signatory)  
 Date: 30/09/2025

- The results are related to test items only.
- This certificate is not to be reproduced wholly or in part and cannot be used as evidence in the court of law without approval of laboratory. Sample will be destroyed after retention time unless otherwise specified.



# CHANDIGARH POLLUTION TESTING LABORATORY

(Environmental Monitoring, EIA, NOC, ETP, STP)

H.O. : #372, Sector 15-A, Chandigarh-160 015

Phone : 0172-4669295

Lab : E-126, Phase-VII, Indl. Area, Mohali - 160055

Phone : 0172-5090312

E-mail : cptle126@gmail.com ; lab@cptl.co.in

Website : www.cptl.co.in



## TEST CERTIFICATE

Format No. CPTLF7.8-1(W)

REPORT No. CPTL/2025/09/34(W)  
REPORTING DATE: 30.09.2025

**NAME OF INDUSTRY:** M/s. RANA SUGAR LIMITED (DISTILLERY DIVISION)  
VILLAGE-LAUKHA, TEH.-PATTI,  
DISTT. - TARN TARAN, PUNJAB.

### SAMPLE PARTICULARS

Date of Sample Collection	23.09.2025
Sample Received in Lab	25.09.2025
Type of Sample	Ground Water (Grab)
Sampling Plan Ref. No.	CPTLF7.3-1
Sampling Method	CPTL/SM/01
Environmental conditions	Normal
Point of Sample Collection	Piezometer (Near Borewell No.2)
Quantity & Packaging	2.0 liters in Plastic bottle
Sample Identification No.	CPTL/2025/09/34(W)
Analysis Duration	25.09.2025 To 30.09.2025
Sample Collected By	Daljeet Singh & team
Visual Observation	Clear and colourless.

### TEST RESULTS

S. No.	Parameters	Results	Test Method
1.	pH	7.36	IS: 3025 (P-11): 2022
2.	Total Dissolved Solids, mg/l	448	IS: 3025 (P-16): 2023
3.	Chloride (as Cl), mg/l	27.4	IS: 3025 (P-32): 1998
4.	Sulphate (as SO <sub>4</sub> ), mg/l	30.8	IS: 3025 (P-24) Sec.-1: 2022
5.	Chemical Oxygen Demand, mg/l	10.0	IS: 3025 (P-58): 2023
6.	BOD ( at 27°C for 3 Days), mg/l	3.0	IS: 3025 (P-44): 2023

*Rana*  
(Chemist In-Charge)  
Date: 30/9/2025

*S. Singh*  
Mr. Sital Singh (CEO)  
(Authorized Signatory)  
Date: 30/09/2025

- The results are related to test items only.
  - This certificate is not to be reproduced wholly or in part and cannot be used as evidence in the court of law without approval of laboratory.
- Sample will be destroyed after retention time unless otherwise specified.



# CHANDIGARH POLLUTION TESTING LABORATORY

(Environmental Monitoring, EIA, NOC, ETP, STP)

H.O. : #372, Sector 15-A, Chandigarh-160 015

Phone : 0172-4669295

Lab : E-126, Phase-VII, Indl. Area, Mohali - 160055

Phone : 0172-5090312

E-mail : cptle126@gmail.com ; lab@cptl.co.in

Website : www.cptl.co.in



Format No. CPTL/7.8-1(W)

## TEST CERTIFICATE

REPORT No. CPTL/2025/09/36(W)

REPORTING DATE: 30.09.2025

**NAME OF INDUSTRY:** M/s. RANA SUGAR LIMITED (DISTILLERY DIVISION)  
VILLAGE-LAUKHA, TEH.-PATTI,  
DISTT. - TARN TARAN, PUNJAB.

### SAMPLE PARTICULARS

Date of Sample Collection	23.09.2025
Sample Received in Lab	25.09.2025
Type of Sample	Untreated Effluent (Grab)
Sampling Plan Ref. No.	CPTLF7.3-1
Sampling Method	CPTL/SM/01
Environmental conditions	Normal
Point of Sample Collection	Inlet Of ETP
Quantity & Packaging	2.0 liters in plastic bottle+ 1.0 Liter in glass bottle
Sample Identification No.	CPTL/2025/09/36(W)
Analysis Duration	25.09.2025 to 30.09.2025
Sample Collected By	Amrit Singh & Team
Visual Observation	Untreated Effluent with suspended & settleable matter

S. No.	Parameters	Results	Test Method
1.	pH	7.64	IS: 3025 (P-11): 2022
2.	Total Dissolved Solids, mg/l	498	IS: 3025 (P-16): 2023
3.	Total Suspended Solids, mg/l	44.8	IS: 3025 (P-17): 2023
4.	Chemical Oxygen Demand, mg/l	590	IS: 3025 (P-58): 2023
5.	BOD ( at 27°C for 3 Days), mg/l	185	IS: 3025 (P-44): 2023

*Rana*  
(Chemist In-Charge)  
Date: 30/9/2025

*S. Singh*  
Mr. Sital Singh (CEO)  
(Authorized Signatory)  
Date: 30/09/2025

- The results are related to test items only.
- This certificate is not to be reproduced wholly or in part and cannot be used as evidence in the court of law without approval of laboratory.
- Sample will be destroyed after retention time unless otherwise specified.



# CHANDIGARH POLLUTION TESTING LABORATORY

(Environmental Monitoring, EIA, NOC, ETP, STP)

H.O. : #372, Sector 15-A, Chandigarh-160 015  
 Phone : 0172-4669295  
 Lab : E-126, Phase-VII, Indl. Area, Mohali - 160055  
 Phone : 0172-5090312  
 E-mail : cptle126@gmail.com ; lab@cptl.co.in  
 Website : www.cptl.co.in



Format No. CPTL/7.8-I(W)

## TEST CERTIFICATE

REPORT No. CPTL/2025/09/35(W)  
 REPORTING DATE: 30.09.2025

NAME OF INDUSTRY: M/s. RANA SUGAR LIMITED (DISTILLERY DIVISION)  
 VILLAGE-LAUKHA, TEH.-PATTI,  
 DISTT. - TARN TARAN, PUNJAB.

### SAMPLE PARTICULARS

Date of Sample Collection	23.09.2025
Sample Received in Lab	25.09.2025
Type of Sample	Treated Effluent (Grab)
Sampling Plan Ref. No.	CPTLF7.3-I
Sampling Method	CPTL/SM/01
Environmental conditions	Normal
Point of Sample Collection	Outlet Of ETP
Quantity & Packaging	2.0 liters in plastic bottle+ 1.0 Liter in glass bottle
Sample Identification No.	CPTL/2025/09/35(W)
Analysis Duration	25.09.2025 to 30.09.2025
Sample Collected By	Amrit Singh & Team
Visual Observation	Treated Effluent with suspended & settleable matter

S. No.	Parameters	Results	Limits	Test Method
1.	pH	7.54	6.5 to 9.0	IS: 3025 (P-11): 2022
2.	Total Dissolved Solids, mg/l	584	---	IS: 3025 (P-16): 2023
3.	Total Suspended Solids, mg/l	21.6	100	IS: 3025 (P-17): 2023
4.	Chemical Oxygen Demand, mg/l	90.0	250	IS: 3025 (P-58): 2023
5.	BOD (at 27°C for 3 Days), mg/l	26.3	100	IS: 3025 (P-44): 2023

*Rana*  
 (Chemist In-Charge)  
 Date: 30/9/2025

*S. Singh*  
 Mr. Sital Singh (CEO)  
 (Authorized Signatory)  
 Date: 30/09/2025

- The results are related to test items only.
- This certificate is not to be reproduced wholly or in part and cannot be used as evidence in the court of law without approval of laboratory.
- Sample will be destroyed after retention time unless otherwise specified.



# CHANDIGARH POLLUTION TESTING LABORATORY

(Environmental Monitoring, EIA, NOC, ETP, STP)

H.O. : #372, Sector 15-A, Chandigarh-160 015  
 Phone : 0172-4669295  
 Lab : E-126, Phase-VII, Indl. Area, Mohali - 160055  
 Phone : 0172-5090312  
 E-mail : cptle126@gmail.com ; lab@cptl.co.in  
 Website : www.cptl.co.in



## TEST CERTIFICATE

Format No. CPTLF7.3-I(S)

REPORT NO. CPTL/2025/09/03(S)  
 REPORTING DATE: 29.09.2025

**NAME OF INDUSTRY:** M/s. RANA SUGAR LIMITED (DISTILLERY DIVISION)  
 VILLAGE-LAUKHA, TEH-PATTI,  
 DJSTT. - TARN TARAN, PUNJAB.

### SAMPLE PARTICULARS

Date of Sample Collected:	23.09.2025
Date of Sample Received:	25.09.2025
Type of Sample:	Soil
Sampling Plan Ref. No.	CPTLF7.3-I
Sampling Method	CPTL/SM/01
Environmental Conditions	Normal
Point of Sample Collection:	Near ETP
Quantity & Packaging:	1000 gm in plastic sealed bag
Sample Identification No.:	CPTL/2025/09/03(S)
Analysis Duration:	25.09.2025 To 29.09.2025
Sample Collected By:	Amrit Singh & Team
Visual Observation:	Brown in color

### TEST RESULTS

S. No.	Test Parameters	Unit	Results	Test method
1.	pH	--	7.84	IS 2720 (P-26): 1987 (RA-2021)
2.	Conductivity	mS/cm	0.584	IS 14767 (RA-2021):2000
3.	Organic Matter	%	0.51	Methods Manual for Soil Testing Govt. of India: 2011
4.	Arsenic (as As)	mg/Kg	BDL (DL-0.5)	USEPA-3050B: 1996
5.	Mercury (as Hg)	mg/Kg	BDL (DL-0.2)	USEPA-3050B: 1996
6.	Lead (as Pb)	mg/Kg	3.58	USEPA-3050B: 1996
7.	Chromium (as Cr)	mg/Kg	BDL (DL-2.0)	USEPA-3050B: 1996
8.	Copper (as Cu)	mg/Kg	4.58	USEPA-3050B: 1996
9.	Cadmium (as Cd)	mg/Kg	BDL (DL-0.5)	USEPA-3050B: 1996
10.	Zinc (as Zn)	mg/Kg	5.12	USEPA-3050B: 1996
11.	Nickel (as Ni)	mg/Kg	2.55	USEPA-3050B: 1996
12.	Manganese (as Mn)	mg/Kg	BDL (DL-5.0)	USEPA-3050B: 1996

BDL-Below Detection Limit  
 DL-Detection Limit

*Rana*  
 (Chemist In-Charge)  
 Date: 29/09/2025

*Sifal Singh*  
 Mr. Sifal Singh (CEO)  
 (Authorized Signatory)  
 Date: 29/09/2025

- The results are related to test items only.
- This certificate is not to be reproduced wholly or in part and cannot be used as evidence in the court of law without approval of laboratory.
- Sample will be destroyed after retention time unless otherwise specified.